

April 15, 2025

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

CTEH - ER

Sample Delivery Group: L1847688
Samples Received: 04/15/2025
Project Number: PROJ-054017
Description: Bishop Loss of Containment Incident
Site: CHEVRON GALETON, CO
Report To: CTEH
5120 North Shore Drive
North Little Rock, AR 72118

Entire Report Reviewed By:



Jared Starkey
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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SAMPLE SUMMARY

GACO041W001 L1847688-01 GW

Collected by
James Sherrick

Collected date/time
04/14/25 10:07

Received date/time
04/15/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7470A	WG2490796	1	04/15/25 11:08	04/15/25 13:56	NDL	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2490806	1	04/15/25 10:45	04/15/25 13:20	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2490806	5	04/15/25 10:45	04/15/25 14:09	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2490894	1	04/15/25 12:13	04/15/25 12:13	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2490842	1	04/15/25 11:37	04/15/25 11:37	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2490756	1	04/15/25 10:23	04/15/25 13:18	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2490753	1	04/15/25 10:16	04/15/25 15:41	JCH	Mt. Juliet, TN



GACO041W002 L1847688-02 GW

Collected by
James Sherrick

Collected date/time
04/14/25 11:17

Received date/time
04/15/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7470A	WG2490796	1	04/15/25 11:08	04/15/25 13:59	NDL	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2490806	1	04/15/25 10:45	04/15/25 13:32	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2490806	5	04/15/25 10:45	04/15/25 14:12	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2490894	1	04/15/25 12:34	04/15/25 12:34	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2490842	1	04/15/25 11:58	04/15/25 11:58	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2490756	1	04/15/25 10:23	04/15/25 13:38	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2490753	1.01	04/15/25 10:16	04/15/25 16:02	JCH	Mt. Juliet, TN

GACO041W003 L1847688-03 GW

Collected by
James Sherrick

Collected date/time
04/14/25 12:14

Received date/time
04/15/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7470A	WG2490796	1	04/15/25 11:08	04/15/25 14:09	NDL	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2490806	1	04/15/25 10:45	04/15/25 13:35	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2490894	1	04/15/25 12:56	04/15/25 12:56	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2490842	1	04/15/25 12:20	04/15/25 12:20	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2490756	1	04/15/25 10:23	04/15/25 13:58	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2490753	1.01	04/15/25 10:16	04/15/25 16:23	JCH	Mt. Juliet, TN

GACO041W004 L1847688-04 GW

Collected by
James Sherrick

Collected date/time
04/14/25 11:32

Received date/time
04/15/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7470A	WG2490796	1	04/15/25 11:08	04/15/25 14:11	NDL	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2490806	1	04/15/25 10:45	04/15/25 13:39	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2490806	10	04/15/25 10:45	04/15/25 14:15	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2490894	1	04/15/25 13:17	04/15/25 13:17	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2490842	1	04/15/25 12:42	04/15/25 12:42	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2490756	1	04/15/25 10:23	04/15/25 14:19	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2490753	1	04/15/25 10:16	04/15/25 16:44	JCH	Mt. Juliet, TN

GACO041W005 L1847688-05 GW

Collected by
James Sherrick

Collected date/time
04/14/25 10:13

Received date/time
04/15/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7470A	WG2490796	1	04/15/25 11:08	04/15/25 14:14	NDL	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2490806	1	04/15/25 10:45	04/15/25 13:42	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2490894	1	04/15/25 13:39	04/15/25 13:39	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2490842	1	04/15/25 13:04	04/15/25 13:04	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2490756	1	04/15/25 10:23	04/15/25 14:39	MAA	Mt. Juliet, TN

SAMPLE SUMMARY

GACO0414W005 L1847688-05 GW

Collected by James Sherrick Collected date/time 04/14/25 10:13 Received date/time 04/15/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2490753	1	04/15/25 10:16	04/15/25 17:06	JCH	Mt. Juliet, TN

GACO0414W006 L1847688-06 GW

Collected by James Sherrick Collected date/time 04/14/25 12:22 Received date/time 04/15/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7470A	WG2490796	1	04/15/25 11:08	04/15/25 14:16	NDL	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2490806	1	04/15/25 10:45	04/15/25 14:00	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2490894	1	04/15/25 14:00	04/15/25 14:00	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2490842	1	04/15/25 13:25	04/15/25 13:25	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2490756	1	04/15/25 10:23	04/15/25 14:59	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2490753	1	04/15/25 10:16	04/15/25 17:27	JCH	Mt. Juliet, TN

GACO0414F001 L1847688-07 GW

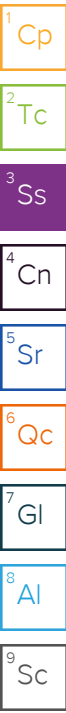
Collected by James Sherrick Collected date/time 04/14/25 10:15 Received date/time 04/15/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7470A	WG2490796	1	04/15/25 11:08	04/15/25 13:46	NDL	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2490806	1	04/15/25 10:45	04/15/25 14:03	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2490894	1	04/15/25 14:21	04/15/25 14:21	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2490842	1	04/15/25 13:47	04/15/25 13:47	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2490756	1	04/15/25 10:23	04/15/25 15:19	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2490753	1	04/15/25 10:16	04/15/25 17:48	JCH	Mt. Juliet, TN

GACO0414V001 L1847688-08 GW

Collected by James Sherrick Collected date/time 04/14/25 12:14 Received date/time 04/15/25 08:00

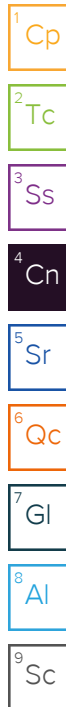
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7470A	WG2490796	1	04/15/25 11:08	04/15/25 14:19	NDL	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2490806	1	04/15/25 10:45	04/15/25 14:06	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2490894	1	04/15/25 14:43	04/15/25 14:43	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2490855	1	04/15/25 11:09	04/15/25 11:09	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2490756	1	04/15/25 10:23	04/15/25 15:39	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2490753	1	04/15/25 10:16	04/15/25 18:09	JCH	Mt. Juliet, TN



CASE NARRATIVE

Unless qualified or notated within the narrative below, all sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. 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.

Jared Starkey
Project Manager



Metals (ICPMS) by Method 6020B

The same analyte is found in the associated blank.

Batch	Analyte	Lab Sample ID
WG2490806	Antimony	L1847688-01, 02, 03, 04, 05, 06, 07, 08

The sample concentration is too high to evaluate accurate spike recoveries.

Batch	Lab Sample ID	Analytes
WG2490806	(MS) R4199804-5, (MSD) R4199804-6, L1847688-01	Calcium, Magnesium, Manganese and Sodium

Volatile Organic Compounds (GC) by Method 8015D/GRO

The same analyte is found in the associated blank.

Batch	Analyte	Lab Sample ID
WG2490894	TPH (GC/FID) Low Fraction	L1847688-01

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

The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.

Batch	Lab Sample ID	Analytes
WG2490842	L1847688-01	Bromoform, Bromomethane, Chlorodibromomethane, Chloromethane and Naphthalene
WG2490842	L1847688-02	Bromoform, Bromomethane, Chlorodibromomethane, Chloromethane and Naphthalene
WG2490842	L1847688-03	Bromoform, Bromomethane, Chlorodibromomethane, Chloromethane and Naphthalene
WG2490842	L1847688-04	Bromoform, Bromomethane, Chlorodibromomethane, Chloromethane and Naphthalene
WG2490842	L1847688-05	Bromoform, Bromomethane, Chlorodibromomethane, Chloromethane and Naphthalene
WG2490842	L1847688-06	Bromoform, Bromomethane, Chlorodibromomethane, Chloromethane and Naphthalene
WG2490842	L1847688-07	Bromoform, Bromomethane, Chlorodibromomethane, Chloromethane and Naphthalene
WG2490855	L1847688-08	1,2-Dibromo-3-Chloropropane, 2-Butanone (MEK), Acetone, Acrolein and Naphthalene

CASE NARRATIVE

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

The associated batch QC was above the established quality control range for accuracy.

Batch	Lab Sample ID	Analytes
WG2490842	(LCS) R4199857-1, (LCSD) R4199857-2, L1847688-01, 02, 03, 04, 05, 06, 07	Acrolein
WG2490855	(LCS) R4199773-1, L1847688-08	Vinyl chloride

The associated batch QC was outside the established quality control range for precision.

Batch	Lab Sample ID	Analytes
WG2490842	(LCSD) R4199857-2, L1847688-01, 02, 03, 04, 05, 06, 07	Acetone
WG2490855	(LCSD) R4199773-2, L1847688-08	2-Butanone (MEK), Acetone and Acrolein

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.

Batch	Lab Sample ID	Analytes
WG2490753	L1847688-01	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol, n-Nitrosodimethylamine and n-Nitrosodi-n-propylamine
WG2490753	L1847688-02	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol, n-Nitrosodimethylamine and n-Nitrosodi-n-propylamine
WG2490753	L1847688-03	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol, n-Nitrosodimethylamine and n-Nitrosodi-n-propylamine
WG2490753	L1847688-04	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol, n-Nitrosodimethylamine and n-Nitrosodi-n-propylamine
WG2490753	L1847688-05	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol, n-Nitrosodimethylamine and n-Nitrosodi-n-propylamine
WG2490753	L1847688-06	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol, n-Nitrosodimethylamine and n-Nitrosodi-n-propylamine
WG2490753	L1847688-07	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol, n-Nitrosodimethylamine and n-Nitrosodi-n-propylamine
WG2490753	L1847688-08	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol, n-Nitrosodimethylamine and n-Nitrosodi-n-propylamine

The initial calibration verification standard (SSCV) associated with this data responded high.

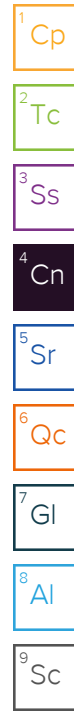
Batch	Lab Sample ID	Analytes
WG2490753	L1847688-01	Hexachlorocyclopentadiene
WG2490753	L1847688-02	Hexachlorocyclopentadiene
WG2490753	L1847688-03	Hexachlorocyclopentadiene
WG2490753	L1847688-04	Hexachlorocyclopentadiene
WG2490753	L1847688-05	Hexachlorocyclopentadiene
WG2490753	L1847688-06	Hexachlorocyclopentadiene
WG2490753	L1847688-07	Hexachlorocyclopentadiene
WG2490753	L1847688-08	Hexachlorocyclopentadiene

The associated batch QC was below the established quality control range for accuracy.

Batch	Lab Sample ID	Analytes
WG2490753	(LCS) R4200010-1, (LCSD) R4200010-2, L1847688-01, 02, 03, 04, 05, 06, 07, 08	Benzidine

The associated batch QC was outside the established quality control range for precision.

Batch	Lab Sample ID	Analytes
WG2490753	(LCSD) R4200010-2, L1847688-01, 02, 03, 04, 05, 06, 07, 08	19 analytes



Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Mercury	U		0.0700	0.200	1	04/15/2025 13:56	WG2490796

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Aluminum	112		16.0	100	1	04/15/2025 13:20	WG2490806
Antimony	0.729	BJ	0.310	4.00	1	04/15/2025 13:20	WG2490806
Arsenic	1.45	J	0.120	2.00	1	04/15/2025 13:20	WG2490806
Barium	33.5		0.500	2.00	1	04/15/2025 13:20	WG2490806
Beryllium	U		0.200	2.00	1	04/15/2025 13:20	WG2490806
Cadmium	U		0.120	1.00	1	04/15/2025 13:20	WG2490806
Calcium	256000	V	92.5	1000	1	04/15/2025 13:20	WG2490806
Chromium	U		0.900	2.00	1	04/15/2025 13:20	WG2490806
Copper	2.05	J	0.700	5.00	1	04/15/2025 13:20	WG2490806
Cobalt	0.942	J	0.100	2.00	1	04/15/2025 13:20	WG2490806
Iron	130		22.6	100	1	04/15/2025 13:20	WG2490806
Lead	U		0.500	2.00	1	04/15/2025 13:20	WG2490806
Magnesium	181000	V	82.7	1000	1	04/15/2025 13:20	WG2490806
Manganese	624		3.50	25.0	5	04/15/2025 14:09	WG2490806
Nickel	3.68		0.500	2.00	1	04/15/2025 13:20	WG2490806
Potassium	9860		96.5	2000	1	04/15/2025 13:20	WG2490806
Selenium	8.95		0.250	2.00	1	04/15/2025 13:20	WG2490806
Silver	U		0.110	2.00	1	04/15/2025 13:20	WG2490806
Sodium	333000	V	142	2000	1	04/15/2025 13:20	WG2490806
Thallium	U		0.130	2.00	1	04/15/2025 13:20	WG2490806
Vanadium	1.53	J	0.520	5.00	1	04/15/2025 13:20	WG2490806
Zinc	4.81	J	4.00	25.0	1	04/15/2025 13:20	WG2490806

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

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TPH (GC/FID) Low Fraction	38.0	BJ	31.4	100	1	04/15/2025 12:13	WG2490894
(S) <i>a,a,a</i> -Trifluorotoluene(FID)	100			78.0-120		04/15/2025 12:13	WG2490894

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	J3	11.3	50.0	1	04/15/2025 11:37	WG2490842
Acrolein	U	J4	2.54	50.0	1	04/15/2025 11:37	WG2490842
Acrylonitrile	U		0.671	10.0	1	04/15/2025 11:37	WG2490842
Benzene	U		0.0941	1.00	1	04/15/2025 11:37	WG2490842
Bromobenzene	U		0.118	1.00	1	04/15/2025 11:37	WG2490842
Bromodichloromethane	U		0.136	1.00	1	04/15/2025 11:37	WG2490842
Bromoform	U	C3	0.129	1.00	1	04/15/2025 11:37	WG2490842
Bromomethane	U	C3	0.605	5.00	1	04/15/2025 11:37	WG2490842
n-Butylbenzene	U		0.157	1.00	1	04/15/2025 11:37	WG2490842
sec-Butylbenzene	U		0.125	1.00	1	04/15/2025 11:37	WG2490842
tert-Butylbenzene	U		0.127	1.00	1	04/15/2025 11:37	WG2490842
Carbon tetrachloride	U		0.128	1.00	1	04/15/2025 11:37	WG2490842
Chlorobenzene	U		0.116	1.00	1	04/15/2025 11:37	WG2490842
Chlorodibromomethane	U	C3	0.140	1.00	1	04/15/2025 11:37	WG2490842
Chloroethane	U		0.192	5.00	1	04/15/2025 11:37	WG2490842
Chloroform	U		0.111	5.00	1	04/15/2025 11:37	WG2490842
Chloromethane	U	C3	0.960	2.50	1	04/15/2025 11:37	WG2490842

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
2-Chlorotoluene	U		0.106	1.00	1	04/15/2025 11:37	WG2490842
4-Chlorotoluene	U		0.114	1.00	1	04/15/2025 11:37	WG2490842
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	04/15/2025 11:37	WG2490842
1,2-Dibromoethane	U		0.126	1.00	1	04/15/2025 11:37	WG2490842
Dibromomethane	U		0.122	1.00	1	04/15/2025 11:37	WG2490842
1,2-Dichlorobenzene	U		0.107	1.00	1	04/15/2025 11:37	WG2490842
1,3-Dichlorobenzene	U		0.110	1.00	1	04/15/2025 11:37	WG2490842
1,4-Dichlorobenzene	U		0.120	1.00	1	04/15/2025 11:37	WG2490842
Dichlorodifluoromethane	U		0.374	5.00	1	04/15/2025 11:37	WG2490842
1,1-Dichloroethane	U		0.100	1.00	1	04/15/2025 11:37	WG2490842
1,2-Dichloroethane	U		0.0819	1.00	1	04/15/2025 11:37	WG2490842
1,1-Dichloroethene	U		0.188	1.00	1	04/15/2025 11:37	WG2490842
cis-1,2-Dichloroethene	U		0.126	1.00	1	04/15/2025 11:37	WG2490842
trans-1,2-Dichloroethene	U		0.149	1.00	1	04/15/2025 11:37	WG2490842
1,2-Dichloropropane	U		0.149	1.00	1	04/15/2025 11:37	WG2490842
1,1-Dichloropropene	U		0.142	1.00	1	04/15/2025 11:37	WG2490842
1,3-Dichloropropane	U		0.110	1.00	1	04/15/2025 11:37	WG2490842
cis-1,3-Dichloropropene	U		0.111	1.00	1	04/15/2025 11:37	WG2490842
trans-1,3-Dichloropropene	U		0.118	1.00	1	04/15/2025 11:37	WG2490842
2,2-Dichloropropane	U		0.161	1.00	1	04/15/2025 11:37	WG2490842
Di-isopropyl ether	U		0.105	1.00	1	04/15/2025 11:37	WG2490842
Ethylbenzene	U		0.137	1.00	1	04/15/2025 11:37	WG2490842
Hexachloro-1,3-butadiene	U		0.337	1.00	1	04/15/2025 11:37	WG2490842
Isopropylbenzene	U		0.105	1.00	1	04/15/2025 11:37	WG2490842
p-Isopropyltoluene	U		0.120	1.00	1	04/15/2025 11:37	WG2490842
2-Butanone (MEK)	U		1.19	10.0	1	04/15/2025 11:37	WG2490842
Methylene Chloride	U		0.430	5.00	1	04/15/2025 11:37	WG2490842
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	04/15/2025 11:37	WG2490842
Methyl tert-butyl ether	U		0.101	1.00	1	04/15/2025 11:37	WG2490842
Naphthalene	U	<u>C3</u>	1.00	5.00	1	04/15/2025 11:37	WG2490842
n-Propylbenzene	U		0.0993	1.00	1	04/15/2025 11:37	WG2490842
Styrene	U		0.118	1.00	1	04/15/2025 11:37	WG2490842
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	04/15/2025 11:37	WG2490842
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	04/15/2025 11:37	WG2490842
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	04/15/2025 11:37	WG2490842
Tetrachloroethene	U		0.300	1.00	1	04/15/2025 11:37	WG2490842
Toluene	U		0.278	1.00	1	04/15/2025 11:37	WG2490842
1,2,3-Trichlorobenzene	U		0.230	1.00	1	04/15/2025 11:37	WG2490842
1,2,4-Trichlorobenzene	U		0.481	1.00	1	04/15/2025 11:37	WG2490842
1,1,1-Trichloroethane	U		0.149	1.00	1	04/15/2025 11:37	WG2490842
1,1,2-Trichloroethane	U		0.158	1.00	1	04/15/2025 11:37	WG2490842
Trichloroethene	U		0.190	1.00	1	04/15/2025 11:37	WG2490842
Trichlorofluoromethane	U		0.160	5.00	1	04/15/2025 11:37	WG2490842
1,2,3-Trichloropropane	U		0.237	2.50	1	04/15/2025 11:37	WG2490842
1,2,4-Trimethylbenzene	U		0.322	1.00	1	04/15/2025 11:37	WG2490842
1,2,3-Trimethylbenzene	U		0.104	1.00	1	04/15/2025 11:37	WG2490842
1,3,5-Trimethylbenzene	U		0.104	1.00	1	04/15/2025 11:37	WG2490842
Vinyl chloride	U		0.234	1.00	1	04/15/2025 11:37	WG2490842
Xylenes, Total	U		0.174	3.00	1	04/15/2025 11:37	WG2490842
(S) Toluene-d8	108			80.0-120		04/15/2025 11:37	WG2490842
(S) 4-Bromofluorobenzene	96.4			77.0-126		04/15/2025 11:37	WG2490842
(S) 1,2-Dichloroethane-d4	97.8			70.0-130		04/15/2025 11:37	WG2490842

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
C10-C28 Diesel Range	U		60.5	100	1	04/15/2025 13:18	WG2490756
C28-C36 Motor Oil Range	225		77.2	100	1	04/15/2025 13:18	WG2490756
(S) o-Terphenyl	87.9			52.0-156		04/15/2025 13:18	WG2490756

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acenaphthene	U		0.0886	1.00	1	04/15/2025 15:41	WG2490753
Acenaphthylene	U		0.0921	1.00	1	04/15/2025 15:41	WG2490753
Anthracene	U	J3	0.0804	1.00	1	04/15/2025 15:41	WG2490753
Benzidine	U	J4	3.74	10.0	1	04/15/2025 15:41	WG2490753
Benzo(a)anthracene	U	J3	0.199	1.00	1	04/15/2025 15:41	WG2490753
Benzo(b)fluoranthene	U	J3	0.130	1.00	1	04/15/2025 15:41	WG2490753
Benzo(k)fluoranthene	U	J3	0.120	1.00	1	04/15/2025 15:41	WG2490753
Benzo(g,h,i)perylene	U	J3	0.121	1.00	1	04/15/2025 15:41	WG2490753
Benzo(a)pyrene	U	J3	0.0381	1.00	1	04/15/2025 15:41	WG2490753
Bis(2-chloroethoxy)methane	U		0.116	10.0	1	04/15/2025 15:41	WG2490753
Bis(2-chloroethyl)ether	U		0.137	10.0	1	04/15/2025 15:41	WG2490753
2,2-Oxybis(1-Chloropropane)	U	C3	0.210	10.0	1	04/15/2025 15:41	WG2490753
4-Bromophenyl-phenylether	U	J3	0.0877	10.0	1	04/15/2025 15:41	WG2490753
2-Chloronaphthalene	U		0.0648	1.00	1	04/15/2025 15:41	WG2490753
4-Chlorophenyl-phenylether	U		0.0926	10.0	1	04/15/2025 15:41	WG2490753
Chrysene	U	J3	0.130	1.00	1	04/15/2025 15:41	WG2490753
Dibenz(a,h)anthracene	U	J3	0.0644	1.00	1	04/15/2025 15:41	WG2490753
1,2-Dichlorobenzene	U		0.0713	10.0	1	04/15/2025 15:41	WG2490753
1,3-Dichlorobenzene	U		0.132	10.0	1	04/15/2025 15:41	WG2490753
1,4-Dichlorobenzene	U		0.0942	10.0	1	04/15/2025 15:41	WG2490753
3,3-Dichlorobenzidine	U		0.212	10.0	1	04/15/2025 15:41	WG2490753
2,4-Dinitrotoluene	U		0.0983	10.0	1	04/15/2025 15:41	WG2490753
2,6-Dinitrotoluene	U		0.250	10.0	1	04/15/2025 15:41	WG2490753
Fluoranthene	U	J3	0.102	1.00	1	04/15/2025 15:41	WG2490753
Fluorene	U		0.0844	1.00	1	04/15/2025 15:41	WG2490753
Hexachlorobenzene	U	J3	0.0755	1.00	1	04/15/2025 15:41	WG2490753
Hexachloro-1,3-butadiene	U		0.0968	10.0	1	04/15/2025 15:41	WG2490753
Hexachlorocyclopentadiene	U	C7	0.0598	10.0	1	04/15/2025 15:41	WG2490753
Hexachloroethane	U		0.127	10.0	1	04/15/2025 15:41	WG2490753
Indeno(1,2,3-cd)pyrene	U	J3	0.279	1.00	1	04/15/2025 15:41	WG2490753
Isophorone	U		0.143	10.0	1	04/15/2025 15:41	WG2490753
Naphthalene	U		0.159	1.00	1	04/15/2025 15:41	WG2490753
Nitrobenzene	U		0.297	10.0	1	04/15/2025 15:41	WG2490753
n-Nitrosodimethylamine	U	C3	0.998	10.0	1	04/15/2025 15:41	WG2490753
n-Nitrosodiphenylamine	U		2.37	10.0	1	04/15/2025 15:41	WG2490753
n-Nitrosodi-n-propylamine	U	C3	0.261	10.0	1	04/15/2025 15:41	WG2490753
Phenanthrene	U		0.112	1.00	1	04/15/2025 15:41	WG2490753
Benzylbutyl phthalate	U	J3	0.765	3.00	1	04/15/2025 15:41	WG2490753
Bis(2-ethylhexyl)phthalate	U	J3	0.895	3.00	1	04/15/2025 15:41	WG2490753
Di-n-butyl phthalate	U		0.453	3.00	1	04/15/2025 15:41	WG2490753
Diethyl phthalate	U	J3	0.287	3.00	1	04/15/2025 15:41	WG2490753
Dimethyl phthalate	U	J3	0.260	3.00	1	04/15/2025 15:41	WG2490753
Di-n-octyl phthalate	U	J3	0.932	3.00	1	04/15/2025 15:41	WG2490753
Pyrene	U	J3	0.107	1.00	1	04/15/2025 15:41	WG2490753
1,2,4-Trichlorobenzene	U		0.0698	10.0	1	04/15/2025 15:41	WG2490753
4-Chloro-3-methylphenol	U		0.131	10.0	1	04/15/2025 15:41	WG2490753
2-Chlorophenol	U		0.133	10.0	1	04/15/2025 15:41	WG2490753
2,4-Dichlorophenol	U		0.102	10.0	1	04/15/2025 15:41	WG2490753
2,4-Dimethylphenol	U	C3	0.0636	10.0	1	04/15/2025 15:41	WG2490753

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 8270E

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
4,6-Dinitro-2-methylphenol	U		1.12	10.0	1	04/15/2025 15:41	WG2490753
2,4-Dinitrophenol	U		5.93	10.0	1	04/15/2025 15:41	WG2490753
2-Nitrophenol	U		0.117	10.0	1	04/15/2025 15:41	WG2490753
4-Nitrophenol	U		0.143	10.0	1	04/15/2025 15:41	WG2490753
Pentachlorophenol	U	<u>J3</u>	0.313	10.0	1	04/15/2025 15:41	WG2490753
Phenol	U		4.33	10.0	1	04/15/2025 15:41	WG2490753
2,4,6-Trichlorophenol	U		0.100	10.0	1	04/15/2025 15:41	WG2490753
<i>(S)</i> 2-Fluorophenol	40.1			10.0-120		04/15/2025 15:41	WG2490753
<i>(S)</i> Phenol-d5	24.5			10.0-120		04/15/2025 15:41	WG2490753
<i>(S)</i> Nitrobenzene-d5	62.0			10.0-127		04/15/2025 15:41	WG2490753
<i>(S)</i> 2-Fluorobiphenyl	70.5			10.0-130		04/15/2025 15:41	WG2490753
<i>(S)</i> 2,4,6-Tribromophenol	67.5			10.0-155		04/15/2025 15:41	WG2490753
<i>(S)</i> p-Terphenyl-d14	63.7			10.0-128		04/15/2025 15:41	WG2490753

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

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Mercury	U		0.0700	0.200	1	04/15/2025 13:59	WG2490796

Metals (ICPMS) by Method 6020B

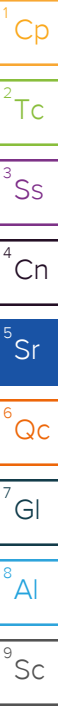
Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Aluminum	83.4	J	16.0	100	1	04/15/2025 13:32	WG2490806
Antimony	0.460	B J	0.310	4.00	1	04/15/2025 13:32	WG2490806
Arsenic	1.52	J	0.120	2.00	1	04/15/2025 13:32	WG2490806
Barium	37.2		0.500	2.00	1	04/15/2025 13:32	WG2490806
Beryllium	U		0.200	2.00	1	04/15/2025 13:32	WG2490806
Cadmium	U		0.120	1.00	1	04/15/2025 13:32	WG2490806
Calcium	254000		92.5	1000	1	04/15/2025 13:32	WG2490806
Chromium	U		0.900	2.00	1	04/15/2025 13:32	WG2490806
Copper	1.81	J	0.700	5.00	1	04/15/2025 13:32	WG2490806
Cobalt	0.911	J	0.100	2.00	1	04/15/2025 13:32	WG2490806
Iron	105		22.6	100	1	04/15/2025 13:32	WG2490806
Lead	U		0.500	2.00	1	04/15/2025 13:32	WG2490806
Magnesium	177000		82.7	1000	1	04/15/2025 13:32	WG2490806
Manganese	457		3.50	25.0	5	04/15/2025 14:12	WG2490806
Nickel	3.24		0.500	2.00	1	04/15/2025 13:32	WG2490806
Potassium	9910		96.5	2000	1	04/15/2025 13:32	WG2490806
Selenium	9.21		0.250	2.00	1	04/15/2025 13:32	WG2490806
Silver	U		0.110	2.00	1	04/15/2025 13:32	WG2490806
Sodium	301000		142	2000	1	04/15/2025 13:32	WG2490806
Thallium	U		0.130	2.00	1	04/15/2025 13:32	WG2490806
Vanadium	1.83	J	0.520	5.00	1	04/15/2025 13:32	WG2490806
Zinc	U		4.00	25.0	1	04/15/2025 13:32	WG2490806

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TPH (GC/FID) Low Fraction	U		31.4	100	1	04/15/2025 12:34	WG2490894
(S) <i>a,a,a</i> -Trifluorotoluene(FID)	100			78.0-120		04/15/2025 12:34	WG2490894

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	J3	11.3	50.0	1	04/15/2025 11:58	WG2490842
Acrolein	U	J4	2.54	50.0	1	04/15/2025 11:58	WG2490842
Acrylonitrile	U		0.671	10.0	1	04/15/2025 11:58	WG2490842
Benzene	U		0.0941	1.00	1	04/15/2025 11:58	WG2490842
Bromobenzene	U		0.118	1.00	1	04/15/2025 11:58	WG2490842
Bromodichloromethane	U		0.136	1.00	1	04/15/2025 11:58	WG2490842
Bromoform	U	C3	0.129	1.00	1	04/15/2025 11:58	WG2490842
Bromomethane	U	C3	0.605	5.00	1	04/15/2025 11:58	WG2490842
n-Butylbenzene	U		0.157	1.00	1	04/15/2025 11:58	WG2490842
sec-Butylbenzene	U		0.125	1.00	1	04/15/2025 11:58	WG2490842
tert-Butylbenzene	U		0.127	1.00	1	04/15/2025 11:58	WG2490842
Carbon tetrachloride	U		0.128	1.00	1	04/15/2025 11:58	WG2490842
Chlorobenzene	U		0.116	1.00	1	04/15/2025 11:58	WG2490842
Chlorodibromomethane	U	C3	0.140	1.00	1	04/15/2025 11:58	WG2490842
Chloroethane	U		0.192	5.00	1	04/15/2025 11:58	WG2490842
Chloroform	U		0.111	5.00	1	04/15/2025 11:58	WG2490842
Chloromethane	U	C3	0.960	2.50	1	04/15/2025 11:58	WG2490842



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
2-Chlorotoluene	U		0.106	1.00	1	04/15/2025 11:58	WG2490842
4-Chlorotoluene	U		0.114	1.00	1	04/15/2025 11:58	WG2490842
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	04/15/2025 11:58	WG2490842
1,2-Dibromoethane	U		0.126	1.00	1	04/15/2025 11:58	WG2490842
Dibromomethane	U		0.122	1.00	1	04/15/2025 11:58	WG2490842
1,2-Dichlorobenzene	U		0.107	1.00	1	04/15/2025 11:58	WG2490842
1,3-Dichlorobenzene	U		0.110	1.00	1	04/15/2025 11:58	WG2490842
1,4-Dichlorobenzene	U		0.120	1.00	1	04/15/2025 11:58	WG2490842
Dichlorodifluoromethane	U		0.374	5.00	1	04/15/2025 11:58	WG2490842
1,1-Dichloroethane	U		0.100	1.00	1	04/15/2025 11:58	WG2490842
1,2-Dichloroethane	U		0.0819	1.00	1	04/15/2025 11:58	WG2490842
1,1-Dichloroethene	U		0.188	1.00	1	04/15/2025 11:58	WG2490842
cis-1,2-Dichloroethene	U		0.126	1.00	1	04/15/2025 11:58	WG2490842
trans-1,2-Dichloroethene	U		0.149	1.00	1	04/15/2025 11:58	WG2490842
1,2-Dichloropropane	U		0.149	1.00	1	04/15/2025 11:58	WG2490842
1,1-Dichloropropene	U		0.142	1.00	1	04/15/2025 11:58	WG2490842
1,3-Dichloropropane	U		0.110	1.00	1	04/15/2025 11:58	WG2490842
cis-1,3-Dichloropropene	U		0.111	1.00	1	04/15/2025 11:58	WG2490842
trans-1,3-Dichloropropene	U		0.118	1.00	1	04/15/2025 11:58	WG2490842
2,2-Dichloropropane	U		0.161	1.00	1	04/15/2025 11:58	WG2490842
Di-isopropyl ether	U		0.105	1.00	1	04/15/2025 11:58	WG2490842
Ethylbenzene	U		0.137	1.00	1	04/15/2025 11:58	WG2490842
Hexachloro-1,3-butadiene	U		0.337	1.00	1	04/15/2025 11:58	WG2490842
Isopropylbenzene	U		0.105	1.00	1	04/15/2025 11:58	WG2490842
p-Isopropyltoluene	U		0.120	1.00	1	04/15/2025 11:58	WG2490842
2-Butanone (MEK)	U		1.19	10.0	1	04/15/2025 11:58	WG2490842
Methylene Chloride	U		0.430	5.00	1	04/15/2025 11:58	WG2490842
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	04/15/2025 11:58	WG2490842
Methyl tert-butyl ether	U		0.101	1.00	1	04/15/2025 11:58	WG2490842
Naphthalene	U	<u>C3</u>	1.00	5.00	1	04/15/2025 11:58	WG2490842
n-Propylbenzene	U		0.0993	1.00	1	04/15/2025 11:58	WG2490842
Styrene	U		0.118	1.00	1	04/15/2025 11:58	WG2490842
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	04/15/2025 11:58	WG2490842
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	04/15/2025 11:58	WG2490842
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	04/15/2025 11:58	WG2490842
Tetrachloroethene	U		0.300	1.00	1	04/15/2025 11:58	WG2490842
Toluene	U		0.278	1.00	1	04/15/2025 11:58	WG2490842
1,2,3-Trichlorobenzene	U		0.230	1.00	1	04/15/2025 11:58	WG2490842
1,2,4-Trichlorobenzene	U		0.481	1.00	1	04/15/2025 11:58	WG2490842
1,1,1-Trichloroethane	U		0.149	1.00	1	04/15/2025 11:58	WG2490842
1,1,2-Trichloroethane	U		0.158	1.00	1	04/15/2025 11:58	WG2490842
Trichloroethene	U		0.190	1.00	1	04/15/2025 11:58	WG2490842
Trichlorofluoromethane	U		0.160	5.00	1	04/15/2025 11:58	WG2490842
1,2,3-Trichloropropane	U		0.237	2.50	1	04/15/2025 11:58	WG2490842
1,2,4-Trimethylbenzene	U		0.322	1.00	1	04/15/2025 11:58	WG2490842
1,2,3-Trimethylbenzene	U		0.104	1.00	1	04/15/2025 11:58	WG2490842
1,3,5-Trimethylbenzene	U		0.104	1.00	1	04/15/2025 11:58	WG2490842
Vinyl chloride	U		0.234	1.00	1	04/15/2025 11:58	WG2490842
Xylenes, Total	U		0.174	3.00	1	04/15/2025 11:58	WG2490842
(S) Toluene-d8	110			80.0-120		04/15/2025 11:58	WG2490842
(S) 4-Bromofluorobenzene	97.9			77.0-126		04/15/2025 11:58	WG2490842
(S) 1,2-Dichloroethane-d4	97.8			70.0-130		04/15/2025 11:58	WG2490842

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
C10-C28 Diesel Range	U		60.5	100	1	04/15/2025 13:38	WG2490756
C28-C36 Motor Oil Range	338		77.2	100	1	04/15/2025 13:38	WG2490756
(S) o-Terphenyl	81.6			52.0-156		04/15/2025 13:38	WG2490756

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acenaphthene	U		0.0895	1.01	1.01	04/15/2025 16:02	WG2490753
Acenaphthylene	U		0.0930	1.01	1.01	04/15/2025 16:02	WG2490753
Anthracene	U	J3	0.0812	1.01	1.01	04/15/2025 16:02	WG2490753
Benzdine	U	J4	3.78	10.1	1.01	04/15/2025 16:02	WG2490753
Benzo(a)anthracene	U	J3	0.201	1.01	1.01	04/15/2025 16:02	WG2490753
Benzo(b)fluoranthene	U	J3	0.131	1.01	1.01	04/15/2025 16:02	WG2490753
Benzo(k)fluoranthene	U	J3	0.121	1.01	1.01	04/15/2025 16:02	WG2490753
Benzo(g,h,i)perylene	U	J3	0.122	1.01	1.01	04/15/2025 16:02	WG2490753
Benzo(a)pyrene	U	J3	0.0385	1.01	1.01	04/15/2025 16:02	WG2490753
Bis(2-chloroethoxy)methane	U		0.117	10.1	1.01	04/15/2025 16:02	WG2490753
Bis(2-chloroethyl)ether	U		0.138	10.1	1.01	04/15/2025 16:02	WG2490753
2,2-Oxybis(1-Chloropropane)	U	C3	0.212	10.1	1.01	04/15/2025 16:02	WG2490753
4-Bromophenyl-phenylether	U	J3	0.0886	10.1	1.01	04/15/2025 16:02	WG2490753
2-Chloronaphthalene	U		0.0654	1.01	1.01	04/15/2025 16:02	WG2490753
4-Chlorophenyl-phenylether	U		0.0935	10.1	1.01	04/15/2025 16:02	WG2490753
Chrysene	U	J3	0.131	1.01	1.01	04/15/2025 16:02	WG2490753
Dibenz(a,h)anthracene	U	J3	0.0650	1.01	1.01	04/15/2025 16:02	WG2490753
1,2-Dichlorobenzene	U		0.0720	10.1	1.01	04/15/2025 16:02	WG2490753
1,3-Dichlorobenzene	U		0.133	10.1	1.01	04/15/2025 16:02	WG2490753
1,4-Dichlorobenzene	U		0.0951	10.1	1.01	04/15/2025 16:02	WG2490753
3,3-Dichlorobenzidine	U		0.214	10.1	1.01	04/15/2025 16:02	WG2490753
2,4-Dinitrotoluene	U		0.0993	10.1	1.01	04/15/2025 16:02	WG2490753
2,6-Dinitrotoluene	U		0.253	10.1	1.01	04/15/2025 16:02	WG2490753
Fluoranthene	U	J3	0.103	1.01	1.01	04/15/2025 16:02	WG2490753
Fluorene	U		0.0852	1.01	1.01	04/15/2025 16:02	WG2490753
Hexachlorobenzene	U	J3	0.0763	1.01	1.01	04/15/2025 16:02	WG2490753
Hexachloro-1,3-butadiene	U		0.0978	10.1	1.01	04/15/2025 16:02	WG2490753
Hexachlorocyclopentadiene	U	C7	0.0604	10.1	1.01	04/15/2025 16:02	WG2490753
Hexachloroethane	U		0.128	10.1	1.01	04/15/2025 16:02	WG2490753
Indeno(1,2,3-cd)pyrene	U	J3	0.282	1.01	1.01	04/15/2025 16:02	WG2490753
Isophorone	U		0.144	10.1	1.01	04/15/2025 16:02	WG2490753
Naphthalene	U		0.161	1.01	1.01	04/15/2025 16:02	WG2490753
Nitrobenzene	U		0.300	10.1	1.01	04/15/2025 16:02	WG2490753
n-Nitrosodimethylamine	U	C3	1.01	10.1	1.01	04/15/2025 16:02	WG2490753
n-Nitrosodiphenylamine	U		2.39	10.1	1.01	04/15/2025 16:02	WG2490753
n-Nitrosodi-n-propylamine	U	C3	0.264	10.1	1.01	04/15/2025 16:02	WG2490753
Phenanthrene	U		0.113	1.01	1.01	04/15/2025 16:02	WG2490753
Benzylbutyl phthalate	U	J3	0.773	3.03	1.01	04/15/2025 16:02	WG2490753
Bis(2-ethylhexyl)phthalate	U	J3	0.904	3.03	1.01	04/15/2025 16:02	WG2490753
Di-n-butyl phthalate	U		0.458	3.03	1.01	04/15/2025 16:02	WG2490753
Diethyl phthalate	U	J3	0.290	3.03	1.01	04/15/2025 16:02	WG2490753
Dimethyl phthalate	U	J3	0.263	3.03	1.01	04/15/2025 16:02	WG2490753
Di-n-octyl phthalate	U	J3	0.941	3.03	1.01	04/15/2025 16:02	WG2490753
Pyrene	U	J3	0.108	1.01	1.01	04/15/2025 16:02	WG2490753
1,2,4-Trichlorobenzene	U		0.0705	10.1	1.01	04/15/2025 16:02	WG2490753
4-Chloro-3-methylphenol	U		0.132	10.1	1.01	04/15/2025 16:02	WG2490753
2-Chlorophenol	U		0.134	10.1	1.01	04/15/2025 16:02	WG2490753
2,4-Dichlorophenol	U		0.103	10.1	1.01	04/15/2025 16:02	WG2490753
2,4-Dimethylphenol	U	C3	0.0642	10.1	1.01	04/15/2025 16:02	WG2490753

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 8270E

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
4,6-Dinitro-2-methylphenol	U		1.13	10.1	1.01	04/15/2025 16:02	WG2490753
2,4-Dinitrophenol	U		5.99	10.1	1.01	04/15/2025 16:02	WG2490753
2-Nitrophenol	U		0.118	10.1	1.01	04/15/2025 16:02	WG2490753
4-Nitrophenol	U		0.144	10.1	1.01	04/15/2025 16:02	WG2490753
Pentachlorophenol	U	<u>J3</u>	0.316	10.1	1.01	04/15/2025 16:02	WG2490753
Phenol	U		4.37	10.1	1.01	04/15/2025 16:02	WG2490753
2,4,6-Trichlorophenol	U		0.101	10.1	1.01	04/15/2025 16:02	WG2490753
<i>(S)</i> 2-Fluorophenol	35.8			10.0-120		04/15/2025 16:02	WG2490753
<i>(S)</i> Phenol-d5	21.6			10.0-120		04/15/2025 16:02	WG2490753
<i>(S)</i> Nitrobenzene-d5	56.9			10.0-127		04/15/2025 16:02	WG2490753
<i>(S)</i> 2-Fluorobiphenyl	63.7			10.0-130		04/15/2025 16:02	WG2490753
<i>(S)</i> 2,4,6-Tribromophenol	58.9			10.0-155		04/15/2025 16:02	WG2490753
<i>(S)</i> p-Terphenyl-d14	59.0			10.0-128		04/15/2025 16:02	WG2490753

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

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Mercury	U		0.0700	0.200	1	04/15/2025 14:09	WG2490796

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Aluminum	19.1	J	16.0	100	1	04/15/2025 13:35	WG2490806
Antimony	0.430	B J	0.310	4.00	1	04/15/2025 13:35	WG2490806
Arsenic	1.12	J	0.120	2.00	1	04/15/2025 13:35	WG2490806
Barium	11.7		0.500	2.00	1	04/15/2025 13:35	WG2490806
Beryllium	U		0.200	2.00	1	04/15/2025 13:35	WG2490806
Cadmium	U		0.120	1.00	1	04/15/2025 13:35	WG2490806
Calcium	242000		92.5	1000	1	04/15/2025 13:35	WG2490806
Chromium	U		0.900	2.00	1	04/15/2025 13:35	WG2490806
Copper	1.38	J	0.700	5.00	1	04/15/2025 13:35	WG2490806
Cobalt	0.369	J	0.100	2.00	1	04/15/2025 13:35	WG2490806
Iron	42.1	J	22.6	100	1	04/15/2025 13:35	WG2490806
Lead	U		0.500	2.00	1	04/15/2025 13:35	WG2490806
Magnesium	184000		82.7	1000	1	04/15/2025 13:35	WG2490806
Manganese	158		0.700	5.00	1	04/15/2025 13:35	WG2490806
Nickel	1.95	J	0.500	2.00	1	04/15/2025 13:35	WG2490806
Potassium	9810		96.5	2000	1	04/15/2025 13:35	WG2490806
Selenium	11.8		0.250	2.00	1	04/15/2025 13:35	WG2490806
Silver	U		0.110	2.00	1	04/15/2025 13:35	WG2490806
Sodium	429000		142	2000	1	04/15/2025 13:35	WG2490806
Thallium	U		0.130	2.00	1	04/15/2025 13:35	WG2490806
Vanadium	1.59	J	0.520	5.00	1	04/15/2025 13:35	WG2490806
Zinc	U		4.00	25.0	1	04/15/2025 13:35	WG2490806

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

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TPH (GC/FID) Low Fraction	U		31.4	100	1	04/15/2025 12:56	WG2490894
(S) a,a,a-Trifluorotoluene(FID)	101			78.0-120		04/15/2025 12:56	WG2490894

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	J3	11.3	50.0	1	04/15/2025 12:20	WG2490842
Acrolein	U	J4	2.54	50.0	1	04/15/2025 12:20	WG2490842
Acrylonitrile	U		0.671	10.0	1	04/15/2025 12:20	WG2490842
Benzene	U		0.0941	1.00	1	04/15/2025 12:20	WG2490842
Bromobenzene	U		0.118	1.00	1	04/15/2025 12:20	WG2490842
Bromodichloromethane	U		0.136	1.00	1	04/15/2025 12:20	WG2490842
Bromoform	U	C3	0.129	1.00	1	04/15/2025 12:20	WG2490842
Bromomethane	U	C3	0.605	5.00	1	04/15/2025 12:20	WG2490842
n-Butylbenzene	U		0.157	1.00	1	04/15/2025 12:20	WG2490842
sec-Butylbenzene	U		0.125	1.00	1	04/15/2025 12:20	WG2490842
tert-Butylbenzene	U		0.127	1.00	1	04/15/2025 12:20	WG2490842
Carbon tetrachloride	U		0.128	1.00	1	04/15/2025 12:20	WG2490842
Chlorobenzene	U		0.116	1.00	1	04/15/2025 12:20	WG2490842
Chlorodibromomethane	U	C3	0.140	1.00	1	04/15/2025 12:20	WG2490842
Chloroethane	U		0.192	5.00	1	04/15/2025 12:20	WG2490842
Chloroform	U		0.111	5.00	1	04/15/2025 12:20	WG2490842
Chloromethane	U	C3	0.960	2.50	1	04/15/2025 12:20	WG2490842

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
2-Chlorotoluene	U		0.106	1.00	1	04/15/2025 12:20	WG2490842
4-Chlorotoluene	U		0.114	1.00	1	04/15/2025 12:20	WG2490842
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	04/15/2025 12:20	WG2490842
1,2-Dibromoethane	U		0.126	1.00	1	04/15/2025 12:20	WG2490842
Dibromomethane	U		0.122	1.00	1	04/15/2025 12:20	WG2490842
1,2-Dichlorobenzene	U		0.107	1.00	1	04/15/2025 12:20	WG2490842
1,3-Dichlorobenzene	U		0.110	1.00	1	04/15/2025 12:20	WG2490842
1,4-Dichlorobenzene	U		0.120	1.00	1	04/15/2025 12:20	WG2490842
Dichlorodifluoromethane	U		0.374	5.00	1	04/15/2025 12:20	WG2490842
1,1-Dichloroethane	U		0.100	1.00	1	04/15/2025 12:20	WG2490842
1,2-Dichloroethane	U		0.0819	1.00	1	04/15/2025 12:20	WG2490842
1,1-Dichloroethene	U		0.188	1.00	1	04/15/2025 12:20	WG2490842
cis-1,2-Dichloroethene	U		0.126	1.00	1	04/15/2025 12:20	WG2490842
trans-1,2-Dichloroethene	U		0.149	1.00	1	04/15/2025 12:20	WG2490842
1,2-Dichloropropane	U		0.149	1.00	1	04/15/2025 12:20	WG2490842
1,1-Dichloropropene	U		0.142	1.00	1	04/15/2025 12:20	WG2490842
1,3-Dichloropropane	U		0.110	1.00	1	04/15/2025 12:20	WG2490842
cis-1,3-Dichloropropene	U		0.111	1.00	1	04/15/2025 12:20	WG2490842
trans-1,3-Dichloropropene	U		0.118	1.00	1	04/15/2025 12:20	WG2490842
2,2-Dichloropropane	U		0.161	1.00	1	04/15/2025 12:20	WG2490842
Di-isopropyl ether	U		0.105	1.00	1	04/15/2025 12:20	WG2490842
Ethylbenzene	U		0.137	1.00	1	04/15/2025 12:20	WG2490842
Hexachloro-1,3-butadiene	U		0.337	1.00	1	04/15/2025 12:20	WG2490842
Isopropylbenzene	U		0.105	1.00	1	04/15/2025 12:20	WG2490842
p-Isopropyltoluene	U		0.120	1.00	1	04/15/2025 12:20	WG2490842
2-Butanone (MEK)	U		1.19	10.0	1	04/15/2025 12:20	WG2490842
Methylene Chloride	U		0.430	5.00	1	04/15/2025 12:20	WG2490842
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	04/15/2025 12:20	WG2490842
Methyl tert-butyl ether	U		0.101	1.00	1	04/15/2025 12:20	WG2490842
Naphthalene	U	<u>C3</u>	1.00	5.00	1	04/15/2025 12:20	WG2490842
n-Propylbenzene	U		0.0993	1.00	1	04/15/2025 12:20	WG2490842
Styrene	U		0.118	1.00	1	04/15/2025 12:20	WG2490842
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	04/15/2025 12:20	WG2490842
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	04/15/2025 12:20	WG2490842
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	04/15/2025 12:20	WG2490842
Tetrachloroethene	U		0.300	1.00	1	04/15/2025 12:20	WG2490842
Toluene	U		0.278	1.00	1	04/15/2025 12:20	WG2490842
1,2,3-Trichlorobenzene	U		0.230	1.00	1	04/15/2025 12:20	WG2490842
1,2,4-Trichlorobenzene	U		0.481	1.00	1	04/15/2025 12:20	WG2490842
1,1,1-Trichloroethane	U		0.149	1.00	1	04/15/2025 12:20	WG2490842
1,1,2-Trichloroethane	U		0.158	1.00	1	04/15/2025 12:20	WG2490842
Trichloroethene	U		0.190	1.00	1	04/15/2025 12:20	WG2490842
Trichlorofluoromethane	U		0.160	5.00	1	04/15/2025 12:20	WG2490842
1,2,3-Trichloropropane	U		0.237	2.50	1	04/15/2025 12:20	WG2490842
1,2,4-Trimethylbenzene	U		0.322	1.00	1	04/15/2025 12:20	WG2490842
1,2,3-Trimethylbenzene	U		0.104	1.00	1	04/15/2025 12:20	WG2490842
1,3,5-Trimethylbenzene	U		0.104	1.00	1	04/15/2025 12:20	WG2490842
Vinyl chloride	U		0.234	1.00	1	04/15/2025 12:20	WG2490842
Xylenes, Total	U		0.174	3.00	1	04/15/2025 12:20	WG2490842
(S) Toluene-d8	110			80.0-120		04/15/2025 12:20	WG2490842
(S) 4-Bromofluorobenzene	97.1			77.0-126		04/15/2025 12:20	WG2490842
(S) 1,2-Dichloroethane-d4	97.6			70.0-130		04/15/2025 12:20	WG2490842

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
C10-C28 Diesel Range	U		60.5	100	1	04/15/2025 13:58	WG2490756
C28-C36 Motor Oil Range	123		77.2	100	1	04/15/2025 13:58	WG2490756
(S) o-Terphenyl	79.5			52.0-156		04/15/2025 13:58	WG2490756

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acenaphthene	U		0.0895	1.01	1.01	04/15/2025 16:23	WG2490753
Acenaphthylene	U		0.0930	1.01	1.01	04/15/2025 16:23	WG2490753
Anthracene	U	J3	0.0812	1.01	1.01	04/15/2025 16:23	WG2490753
Benzidine	U	J4	3.78	10.1	1.01	04/15/2025 16:23	WG2490753
Benzo(a)anthracene	U	J3	0.201	1.01	1.01	04/15/2025 16:23	WG2490753
Benzo(b)fluoranthene	U	J3	0.131	1.01	1.01	04/15/2025 16:23	WG2490753
Benzo(k)fluoranthene	U	J3	0.121	1.01	1.01	04/15/2025 16:23	WG2490753
Benzo(g,h,i)perylene	U	J3	0.122	1.01	1.01	04/15/2025 16:23	WG2490753
Benzo(a)pyrene	U	J3	0.0385	1.01	1.01	04/15/2025 16:23	WG2490753
Bis(2-chloroethoxy)methane	U		0.117	10.1	1.01	04/15/2025 16:23	WG2490753
Bis(2-chloroethyl)ether	U		0.138	10.1	1.01	04/15/2025 16:23	WG2490753
2,2-Oxybis(1-Chloropropane)	U	C3	0.212	10.1	1.01	04/15/2025 16:23	WG2490753
4-Bromophenyl-phenylether	U	J3	0.0886	10.1	1.01	04/15/2025 16:23	WG2490753
2-Chloronaphthalene	U		0.0654	1.01	1.01	04/15/2025 16:23	WG2490753
4-Chlorophenyl-phenylether	U		0.0935	10.1	1.01	04/15/2025 16:23	WG2490753
Chrysene	U	J3	0.131	1.01	1.01	04/15/2025 16:23	WG2490753
Dibenz(a,h)anthracene	U	J3	0.0650	1.01	1.01	04/15/2025 16:23	WG2490753
1,2-Dichlorobenzene	U		0.0720	10.1	1.01	04/15/2025 16:23	WG2490753
1,3-Dichlorobenzene	U		0.133	10.1	1.01	04/15/2025 16:23	WG2490753
1,4-Dichlorobenzene	U		0.0951	10.1	1.01	04/15/2025 16:23	WG2490753
3,3-Dichlorobenzidine	U		0.214	10.1	1.01	04/15/2025 16:23	WG2490753
2,4-Dinitrotoluene	U		0.0993	10.1	1.01	04/15/2025 16:23	WG2490753
2,6-Dinitrotoluene	U		0.253	10.1	1.01	04/15/2025 16:23	WG2490753
Fluoranthene	U	J3	0.103	1.01	1.01	04/15/2025 16:23	WG2490753
Fluorene	U		0.0852	1.01	1.01	04/15/2025 16:23	WG2490753
Hexachlorobenzene	U	J3	0.0763	1.01	1.01	04/15/2025 16:23	WG2490753
Hexachloro-1,3-butadiene	U		0.0978	10.1	1.01	04/15/2025 16:23	WG2490753
Hexachlorocyclopentadiene	U	C7	0.0604	10.1	1.01	04/15/2025 16:23	WG2490753
Hexachloroethane	U		0.128	10.1	1.01	04/15/2025 16:23	WG2490753
Indeno(1,2,3-cd)pyrene	U	J3	0.282	1.01	1.01	04/15/2025 16:23	WG2490753
Isophorone	U		0.144	10.1	1.01	04/15/2025 16:23	WG2490753
Naphthalene	U		0.161	1.01	1.01	04/15/2025 16:23	WG2490753
Nitrobenzene	U		0.300	10.1	1.01	04/15/2025 16:23	WG2490753
n-Nitrosodimethylamine	U	C3	1.01	10.1	1.01	04/15/2025 16:23	WG2490753
n-Nitrosodiphenylamine	U		2.39	10.1	1.01	04/15/2025 16:23	WG2490753
n-Nitrosodi-n-propylamine	U	C3	0.264	10.1	1.01	04/15/2025 16:23	WG2490753
Phenanthrene	U		0.113	1.01	1.01	04/15/2025 16:23	WG2490753
Benzylbutyl phthalate	U	J3	0.773	3.03	1.01	04/15/2025 16:23	WG2490753
Bis(2-ethylhexyl)phthalate	U	J3	0.904	3.03	1.01	04/15/2025 16:23	WG2490753
Di-n-butyl phthalate	U		0.458	3.03	1.01	04/15/2025 16:23	WG2490753
Diethyl phthalate	U	J3	0.290	3.03	1.01	04/15/2025 16:23	WG2490753
Dimethyl phthalate	U	J3	0.263	3.03	1.01	04/15/2025 16:23	WG2490753
Di-n-octyl phthalate	U	J3	0.941	3.03	1.01	04/15/2025 16:23	WG2490753
Pyrene	U	J3	0.108	1.01	1.01	04/15/2025 16:23	WG2490753
1,2,4-Trichlorobenzene	U		0.0705	10.1	1.01	04/15/2025 16:23	WG2490753
4-Chloro-3-methylphenol	U		0.132	10.1	1.01	04/15/2025 16:23	WG2490753
2-Chlorophenol	U		0.134	10.1	1.01	04/15/2025 16:23	WG2490753
2,4-Dichlorophenol	U		0.103	10.1	1.01	04/15/2025 16:23	WG2490753
2,4-Dimethylphenol	U	C3	0.0642	10.1	1.01	04/15/2025 16:23	WG2490753

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 8270E

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
4,6-Dinitro-2-methylphenol	U		1.13	10.1	1.01	04/15/2025 16:23	WG2490753
2,4-Dinitrophenol	U		5.99	10.1	1.01	04/15/2025 16:23	WG2490753
2-Nitrophenol	U		0.118	10.1	1.01	04/15/2025 16:23	WG2490753
4-Nitrophenol	U		0.144	10.1	1.01	04/15/2025 16:23	WG2490753
Pentachlorophenol	U	<u>J3</u>	0.316	10.1	1.01	04/15/2025 16:23	WG2490753
Phenol	U		4.37	10.1	1.01	04/15/2025 16:23	WG2490753
2,4,6-Trichlorophenol	U		0.101	10.1	1.01	04/15/2025 16:23	WG2490753
<i>(S)</i> 2-Fluorophenol	36.8			10.0-120		04/15/2025 16:23	WG2490753
<i>(S)</i> Phenol-d5	24.9			10.0-120		04/15/2025 16:23	WG2490753
<i>(S)</i> Nitrobenzene-d5	61.5			10.0-127		04/15/2025 16:23	WG2490753
<i>(S)</i> 2-Fluorobiphenyl	68.5			10.0-130		04/15/2025 16:23	WG2490753
<i>(S)</i> 2,4,6-Tribromophenol	65.8			10.0-155		04/15/2025 16:23	WG2490753
<i>(S)</i> p-Terphenyl-d14	62.7			10.0-128		04/15/2025 16:23	WG2490753

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Mercury	U		0.0700	0.200	1	04/15/2025 14:11	WG2490796

Metals (ICPMS) by Method 6020B

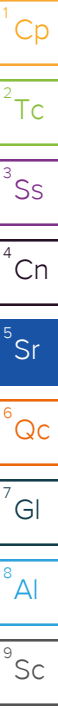
Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Aluminum	675		16.0	100	1	04/15/2025 13:39	WG2490806
Antimony	0.503	<u>B J</u>	0.310	4.00	1	04/15/2025 13:39	WG2490806
Arsenic	2.17		0.120	2.00	1	04/15/2025 13:39	WG2490806
Barium	59.1		0.500	2.00	1	04/15/2025 13:39	WG2490806
Beryllium	U		0.200	2.00	1	04/15/2025 13:39	WG2490806
Cadmium	U		0.120	1.00	1	04/15/2025 13:39	WG2490806
Calcium	291000		92.5	1000	1	04/15/2025 13:39	WG2490806
Chromium	U		0.900	2.00	1	04/15/2025 13:39	WG2490806
Copper	2.83	<u>J</u>	0.700	5.00	1	04/15/2025 13:39	WG2490806
Cobalt	2.08		0.100	2.00	1	04/15/2025 13:39	WG2490806
Iron	585		22.6	100	1	04/15/2025 13:39	WG2490806
Lead	1.04	<u>J</u>	0.500	2.00	1	04/15/2025 13:39	WG2490806
Magnesium	170000		82.7	1000	1	04/15/2025 13:39	WG2490806
Manganese	2400		7.00	50.0	10	04/15/2025 14:15	WG2490806
Nickel	5.15		0.500	2.00	1	04/15/2025 13:39	WG2490806
Potassium	12800		96.5	2000	1	04/15/2025 13:39	WG2490806
Selenium	5.15		0.250	2.00	1	04/15/2025 13:39	WG2490806
Silver	U		0.110	2.00	1	04/15/2025 13:39	WG2490806
Sodium	294000		142	2000	1	04/15/2025 13:39	WG2490806
Thallium	U		0.130	2.00	1	04/15/2025 13:39	WG2490806
Vanadium	3.21	<u>J</u>	0.520	5.00	1	04/15/2025 13:39	WG2490806
Zinc	9.62	<u>J</u>	4.00	25.0	1	04/15/2025 13:39	WG2490806

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TPH (GC/FID) Low Fraction	U		31.4	100	1	04/15/2025 13:17	WG2490894
(S) <i>a,a,a</i> -Trifluorotoluene(FID)	101			78.0-120		04/15/2025 13:17	WG2490894

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	<u>J3</u>	11.3	50.0	1	04/15/2025 12:42	WG2490842
Acrolein	U	<u>J4</u>	2.54	50.0	1	04/15/2025 12:42	WG2490842
Acrylonitrile	U		0.671	10.0	1	04/15/2025 12:42	WG2490842
Benzene	U		0.0941	1.00	1	04/15/2025 12:42	WG2490842
Bromobenzene	U		0.118	1.00	1	04/15/2025 12:42	WG2490842
Bromodichloromethane	U		0.136	1.00	1	04/15/2025 12:42	WG2490842
Bromoform	U	<u>C3</u>	0.129	1.00	1	04/15/2025 12:42	WG2490842
Bromomethane	U	<u>C3</u>	0.605	5.00	1	04/15/2025 12:42	WG2490842
n-Butylbenzene	U		0.157	1.00	1	04/15/2025 12:42	WG2490842
sec-Butylbenzene	U		0.125	1.00	1	04/15/2025 12:42	WG2490842
tert-Butylbenzene	U		0.127	1.00	1	04/15/2025 12:42	WG2490842
Carbon tetrachloride	U		0.128	1.00	1	04/15/2025 12:42	WG2490842
Chlorobenzene	U		0.116	1.00	1	04/15/2025 12:42	WG2490842
Chlorodibromomethane	U	<u>C3</u>	0.140	1.00	1	04/15/2025 12:42	WG2490842
Chloroethane	U		0.192	5.00	1	04/15/2025 12:42	WG2490842
Chloroform	U		0.111	5.00	1	04/15/2025 12:42	WG2490842
Chloromethane	U	<u>C3</u>	0.960	2.50	1	04/15/2025 12:42	WG2490842



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
2-Chlorotoluene	U		0.106	1.00	1	04/15/2025 12:42	WG2490842
4-Chlorotoluene	U		0.114	1.00	1	04/15/2025 12:42	WG2490842
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	04/15/2025 12:42	WG2490842
1,2-Dibromoethane	U		0.126	1.00	1	04/15/2025 12:42	WG2490842
Dibromomethane	U		0.122	1.00	1	04/15/2025 12:42	WG2490842
1,2-Dichlorobenzene	U		0.107	1.00	1	04/15/2025 12:42	WG2490842
1,3-Dichlorobenzene	U		0.110	1.00	1	04/15/2025 12:42	WG2490842
1,4-Dichlorobenzene	U		0.120	1.00	1	04/15/2025 12:42	WG2490842
Dichlorodifluoromethane	U		0.374	5.00	1	04/15/2025 12:42	WG2490842
1,1-Dichloroethane	U		0.100	1.00	1	04/15/2025 12:42	WG2490842
1,2-Dichloroethane	U		0.0819	1.00	1	04/15/2025 12:42	WG2490842
1,1-Dichloroethene	U		0.188	1.00	1	04/15/2025 12:42	WG2490842
cis-1,2-Dichloroethene	U		0.126	1.00	1	04/15/2025 12:42	WG2490842
trans-1,2-Dichloroethene	U		0.149	1.00	1	04/15/2025 12:42	WG2490842
1,2-Dichloropropane	U		0.149	1.00	1	04/15/2025 12:42	WG2490842
1,1-Dichloropropene	U		0.142	1.00	1	04/15/2025 12:42	WG2490842
1,3-Dichloropropane	U		0.110	1.00	1	04/15/2025 12:42	WG2490842
cis-1,3-Dichloropropene	U		0.111	1.00	1	04/15/2025 12:42	WG2490842
trans-1,3-Dichloropropene	U		0.118	1.00	1	04/15/2025 12:42	WG2490842
2,2-Dichloropropane	U		0.161	1.00	1	04/15/2025 12:42	WG2490842
Di-isopropyl ether	U		0.105	1.00	1	04/15/2025 12:42	WG2490842
Ethylbenzene	U		0.137	1.00	1	04/15/2025 12:42	WG2490842
Hexachloro-1,3-butadiene	U		0.337	1.00	1	04/15/2025 12:42	WG2490842
Isopropylbenzene	U		0.105	1.00	1	04/15/2025 12:42	WG2490842
p-Isopropyltoluene	U		0.120	1.00	1	04/15/2025 12:42	WG2490842
2-Butanone (MEK)	U		1.19	10.0	1	04/15/2025 12:42	WG2490842
Methylene Chloride	U		0.430	5.00	1	04/15/2025 12:42	WG2490842
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	04/15/2025 12:42	WG2490842
Methyl tert-butyl ether	U		0.101	1.00	1	04/15/2025 12:42	WG2490842
Naphthalene	U	C3	1.00	5.00	1	04/15/2025 12:42	WG2490842
n-Propylbenzene	U		0.0993	1.00	1	04/15/2025 12:42	WG2490842
Styrene	U		0.118	1.00	1	04/15/2025 12:42	WG2490842
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	04/15/2025 12:42	WG2490842
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	04/15/2025 12:42	WG2490842
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	04/15/2025 12:42	WG2490842
Tetrachloroethene	U		0.300	1.00	1	04/15/2025 12:42	WG2490842
Toluene	U		0.278	1.00	1	04/15/2025 12:42	WG2490842
1,2,3-Trichlorobenzene	U		0.230	1.00	1	04/15/2025 12:42	WG2490842
1,2,4-Trichlorobenzene	U		0.481	1.00	1	04/15/2025 12:42	WG2490842
1,1,1-Trichloroethane	U		0.149	1.00	1	04/15/2025 12:42	WG2490842
1,1,2-Trichloroethane	U		0.158	1.00	1	04/15/2025 12:42	WG2490842
Trichloroethene	U		0.190	1.00	1	04/15/2025 12:42	WG2490842
Trichlorofluoromethane	U		0.160	5.00	1	04/15/2025 12:42	WG2490842
1,2,3-Trichloropropane	U		0.237	2.50	1	04/15/2025 12:42	WG2490842
1,2,4-Trimethylbenzene	0.978	IL	0.322	1.00	1	04/15/2025 12:42	WG2490842
1,2,3-Trimethylbenzene	0.609	IL	0.104	1.00	1	04/15/2025 12:42	WG2490842
1,3,5-Trimethylbenzene	0.459	IL	0.104	1.00	1	04/15/2025 12:42	WG2490842
Vinyl chloride	U		0.234	1.00	1	04/15/2025 12:42	WG2490842
Xylenes, Total	1.03	IL	0.174	3.00	1	04/15/2025 12:42	WG2490842
(S) Toluene-d8	107			80.0-120		04/15/2025 12:42	WG2490842
(S) 4-Bromofluorobenzene	96.2			77.0-126		04/15/2025 12:42	WG2490842
(S) 1,2-Dichloroethane-d4	99.9			70.0-130		04/15/2025 12:42	WG2490842

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	150		60.5	100	1	04/15/2025 14:19	WG2490756
C28-C36 Motor Oil Range	556		77.2	100	1	04/15/2025 14:19	WG2490756
(S) o-Terphenyl	90.5			52.0-156		04/15/2025 14:19	WG2490756

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.0886	1.00	1	04/15/2025 16:44	WG2490753
Acenaphthylene	U		0.0921	1.00	1	04/15/2025 16:44	WG2490753
Anthracene	U	J3	0.0804	1.00	1	04/15/2025 16:44	WG2490753
Benzidine	U	J4	3.74	10.0	1	04/15/2025 16:44	WG2490753
Benzo(a)anthracene	U	J3	0.199	1.00	1	04/15/2025 16:44	WG2490753
Benzo(b)fluoranthene	U	J3	0.130	1.00	1	04/15/2025 16:44	WG2490753
Benzo(k)fluoranthene	U	J3	0.120	1.00	1	04/15/2025 16:44	WG2490753
Benzo(g,h,i)perylene	U	J3	0.121	1.00	1	04/15/2025 16:44	WG2490753
Benzo(a)pyrene	U	J3	0.0381	1.00	1	04/15/2025 16:44	WG2490753
Bis(2-chloroethoxy)methane	U		0.116	10.0	1	04/15/2025 16:44	WG2490753
Bis(2-chloroethyl)ether	U		0.137	10.0	1	04/15/2025 16:44	WG2490753
2,2-Oxybis(1-Chloropropane)	U	C3	0.210	10.0	1	04/15/2025 16:44	WG2490753
4-Bromophenyl-phenylether	U	J3	0.0877	10.0	1	04/15/2025 16:44	WG2490753
2-Chloronaphthalene	U		0.0648	1.00	1	04/15/2025 16:44	WG2490753
4-Chlorophenyl-phenylether	U		0.0926	10.0	1	04/15/2025 16:44	WG2490753
Chrysene	U	J3	0.130	1.00	1	04/15/2025 16:44	WG2490753
Dibenz(a,h)anthracene	U	J3	0.0644	1.00	1	04/15/2025 16:44	WG2490753
1,2-Dichlorobenzene	U		0.0713	10.0	1	04/15/2025 16:44	WG2490753
1,3-Dichlorobenzene	U		0.132	10.0	1	04/15/2025 16:44	WG2490753
1,4-Dichlorobenzene	U		0.0942	10.0	1	04/15/2025 16:44	WG2490753
3,3-Dichlorobenzidine	U		0.212	10.0	1	04/15/2025 16:44	WG2490753
2,4-Dinitrotoluene	U		0.0983	10.0	1	04/15/2025 16:44	WG2490753
2,6-Dinitrotoluene	U		0.250	10.0	1	04/15/2025 16:44	WG2490753
Fluoranthene	U	J3	0.102	1.00	1	04/15/2025 16:44	WG2490753
Fluorene	0.209	J	0.0844	1.00	1	04/15/2025 16:44	WG2490753
Hexachlorobenzene	U	J3	0.0755	1.00	1	04/15/2025 16:44	WG2490753
Hexachloro-1,3-butadiene	U		0.0968	10.0	1	04/15/2025 16:44	WG2490753
Hexachlorocyclopentadiene	U	C7	0.0598	10.0	1	04/15/2025 16:44	WG2490753
Hexachloroethane	U		0.127	10.0	1	04/15/2025 16:44	WG2490753
Indeno(1,2,3-cd)pyrene	U	J3	0.279	1.00	1	04/15/2025 16:44	WG2490753
Isophorone	U		0.143	10.0	1	04/15/2025 16:44	WG2490753
Naphthalene	0.359	J	0.159	1.00	1	04/15/2025 16:44	WG2490753
Nitrobenzene	U		0.297	10.0	1	04/15/2025 16:44	WG2490753
n-Nitrosodimethylamine	U	C3	0.998	10.0	1	04/15/2025 16:44	WG2490753
n-Nitrosodiphenylamine	U		2.37	10.0	1	04/15/2025 16:44	WG2490753
n-Nitrosodi-n-propylamine	U	C3	0.261	10.0	1	04/15/2025 16:44	WG2490753
Phenanthrene	0.158	J	0.112	1.00	1	04/15/2025 16:44	WG2490753
Benzylbutyl phthalate	U	J3	0.765	3.00	1	04/15/2025 16:44	WG2490753
Bis(2-ethylhexyl)phthalate	U	J3	0.895	3.00	1	04/15/2025 16:44	WG2490753
Di-n-butyl phthalate	U		0.453	3.00	1	04/15/2025 16:44	WG2490753
Diethyl phthalate	U	J3	0.287	3.00	1	04/15/2025 16:44	WG2490753
Dimethyl phthalate	U	J3	0.260	3.00	1	04/15/2025 16:44	WG2490753
Di-n-octyl phthalate	U	J3	0.932	3.00	1	04/15/2025 16:44	WG2490753
Pyrene	U	J3	0.107	1.00	1	04/15/2025 16:44	WG2490753
1,2,4-Trichlorobenzene	U		0.0698	10.0	1	04/15/2025 16:44	WG2490753
4-Chloro-3-methylphenol	U		0.131	10.0	1	04/15/2025 16:44	WG2490753
2-Chlorophenol	U		0.133	10.0	1	04/15/2025 16:44	WG2490753
2,4-Dichlorophenol	U		0.102	10.0	1	04/15/2025 16:44	WG2490753
2,4-Dimethylphenol	U	C3	0.0636	10.0	1	04/15/2025 16:44	WG2490753

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 8270E

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
4,6-Dinitro-2-methylphenol	U		1.12	10.0	1	04/15/2025 16:44	WG2490753
2,4-Dinitrophenol	U		5.93	10.0	1	04/15/2025 16:44	WG2490753
2-Nitrophenol	U		0.117	10.0	1	04/15/2025 16:44	WG2490753
4-Nitrophenol	U		0.143	10.0	1	04/15/2025 16:44	WG2490753
Pentachlorophenol	U	<u>J3</u>	0.313	10.0	1	04/15/2025 16:44	WG2490753
Phenol	U		4.33	10.0	1	04/15/2025 16:44	WG2490753
2,4,6-Trichlorophenol	U		0.100	10.0	1	04/15/2025 16:44	WG2490753
<i>(S)</i> 2-Fluorophenol	29.4			10.0-120		04/15/2025 16:44	WG2490753
<i>(S)</i> Phenol-d5	19.1			10.0-120		04/15/2025 16:44	WG2490753
<i>(S)</i> Nitrobenzene-d5	49.5			10.0-127		04/15/2025 16:44	WG2490753
<i>(S)</i> 2-Fluorobiphenyl	54.0			10.0-130		04/15/2025 16:44	WG2490753
<i>(S)</i> 2,4,6-Tribromophenol	53.6			10.0-155		04/15/2025 16:44	WG2490753
<i>(S)</i> p-Terphenyl-d14	42.3			10.0-128		04/15/2025 16:44	WG2490753

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Mercury	U		0.0700	0.200	1	04/15/2025 14:14	WG2490796

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Aluminum	18.8	J	16.0	100	1	04/15/2025 13:42	WG2490806
Antimony	0.556	B J	0.310	4.00	1	04/15/2025 13:42	WG2490806
Arsenic	1.51	J	0.120	2.00	1	04/15/2025 13:42	WG2490806
Barium	48.8		0.500	2.00	1	04/15/2025 13:42	WG2490806
Beryllium	U		0.200	2.00	1	04/15/2025 13:42	WG2490806
Cadmium	U		0.120	1.00	1	04/15/2025 13:42	WG2490806
Calcium	338000		92.5	1000	1	04/15/2025 13:42	WG2490806
Chromium	U		0.900	2.00	1	04/15/2025 13:42	WG2490806
Copper	2.71	J	0.700	5.00	1	04/15/2025 13:42	WG2490806
Cobalt	1.21	J	0.100	2.00	1	04/15/2025 13:42	WG2490806
Iron	50.5	J	22.6	100	1	04/15/2025 13:42	WG2490806
Lead	U		0.500	2.00	1	04/15/2025 13:42	WG2490806
Magnesium	200000		82.7	1000	1	04/15/2025 13:42	WG2490806
Manganese	301		0.700	5.00	1	04/15/2025 13:42	WG2490806
Nickel	6.70		0.500	2.00	1	04/15/2025 13:42	WG2490806
Potassium	16800		96.5	2000	1	04/15/2025 13:42	WG2490806
Selenium	10.0		0.250	2.00	1	04/15/2025 13:42	WG2490806
Silver	U		0.110	2.00	1	04/15/2025 13:42	WG2490806
Sodium	369000		142	2000	1	04/15/2025 13:42	WG2490806
Thallium	U		0.130	2.00	1	04/15/2025 13:42	WG2490806
Vanadium	1.78	J	0.520	5.00	1	04/15/2025 13:42	WG2490806
Zinc	5.56	J	4.00	25.0	1	04/15/2025 13:42	WG2490806

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Cp

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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

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TPH (GC/FID) Low Fraction	U		31.4	100	1	04/15/2025 13:39	WG2490894
(S) <i>a,a,a</i> -Trifluorotoluene(FID)	100			78.0-120		04/15/2025 13:39	WG2490894

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	J3	11.3	50.0	1	04/15/2025 13:04	WG2490842
Acrolein	U	J4	2.54	50.0	1	04/15/2025 13:04	WG2490842
Acrylonitrile	U		0.671	10.0	1	04/15/2025 13:04	WG2490842
Benzene	U		0.0941	1.00	1	04/15/2025 13:04	WG2490842
Bromobenzene	U		0.118	1.00	1	04/15/2025 13:04	WG2490842
Bromodichloromethane	U		0.136	1.00	1	04/15/2025 13:04	WG2490842
Bromoform	U	C3	0.129	1.00	1	04/15/2025 13:04	WG2490842
Bromomethane	U	C3	0.605	5.00	1	04/15/2025 13:04	WG2490842
n-Butylbenzene	U		0.157	1.00	1	04/15/2025 13:04	WG2490842
sec-Butylbenzene	U		0.125	1.00	1	04/15/2025 13:04	WG2490842
tert-Butylbenzene	U		0.127	1.00	1	04/15/2025 13:04	WG2490842
Carbon tetrachloride	U		0.128	1.00	1	04/15/2025 13:04	WG2490842
Chlorobenzene	U		0.116	1.00	1	04/15/2025 13:04	WG2490842
Chlorodibromomethane	U	C3	0.140	1.00	1	04/15/2025 13:04	WG2490842
Chloroethane	U		0.192	5.00	1	04/15/2025 13:04	WG2490842
Chloroform	U		0.111	5.00	1	04/15/2025 13:04	WG2490842
Chloromethane	U	C3	0.960	2.50	1	04/15/2025 13:04	WG2490842

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
2-Chlorotoluene	U		0.106	1.00	1	04/15/2025 13:04	WG2490842
4-Chlorotoluene	U		0.114	1.00	1	04/15/2025 13:04	WG2490842
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	04/15/2025 13:04	WG2490842
1,2-Dibromoethane	U		0.126	1.00	1	04/15/2025 13:04	WG2490842
Dibromomethane	U		0.122	1.00	1	04/15/2025 13:04	WG2490842
1,2-Dichlorobenzene	U		0.107	1.00	1	04/15/2025 13:04	WG2490842
1,3-Dichlorobenzene	U		0.110	1.00	1	04/15/2025 13:04	WG2490842
1,4-Dichlorobenzene	U		0.120	1.00	1	04/15/2025 13:04	WG2490842
Dichlorodifluoromethane	U		0.374	5.00	1	04/15/2025 13:04	WG2490842
1,1-Dichloroethane	U		0.100	1.00	1	04/15/2025 13:04	WG2490842
1,2-Dichloroethane	U		0.0819	1.00	1	04/15/2025 13:04	WG2490842
1,1-Dichloroethene	U		0.188	1.00	1	04/15/2025 13:04	WG2490842
cis-1,2-Dichloroethene	U		0.126	1.00	1	04/15/2025 13:04	WG2490842
trans-1,2-Dichloroethene	U		0.149	1.00	1	04/15/2025 13:04	WG2490842
1,2-Dichloropropane	U		0.149	1.00	1	04/15/2025 13:04	WG2490842
1,1-Dichloropropene	U		0.142	1.00	1	04/15/2025 13:04	WG2490842
1,3-Dichloropropane	U		0.110	1.00	1	04/15/2025 13:04	WG2490842
cis-1,3-Dichloropropene	U		0.111	1.00	1	04/15/2025 13:04	WG2490842
trans-1,3-Dichloropropene	U		0.118	1.00	1	04/15/2025 13:04	WG2490842
2,2-Dichloropropane	U		0.161	1.00	1	04/15/2025 13:04	WG2490842
Di-isopropyl ether	U		0.105	1.00	1	04/15/2025 13:04	WG2490842
Ethylbenzene	U		0.137	1.00	1	04/15/2025 13:04	WG2490842
Hexachloro-1,3-butadiene	U		0.337	1.00	1	04/15/2025 13:04	WG2490842
Isopropylbenzene	U		0.105	1.00	1	04/15/2025 13:04	WG2490842
p-Isopropyltoluene	U		0.120	1.00	1	04/15/2025 13:04	WG2490842
2-Butanone (MEK)	U		1.19	10.0	1	04/15/2025 13:04	WG2490842
Methylene Chloride	U		0.430	5.00	1	04/15/2025 13:04	WG2490842
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	04/15/2025 13:04	WG2490842
Methyl tert-butyl ether	U		0.101	1.00	1	04/15/2025 13:04	WG2490842
Naphthalene	U	C3	1.00	5.00	1	04/15/2025 13:04	WG2490842
n-Propylbenzene	U		0.0993	1.00	1	04/15/2025 13:04	WG2490842
Styrene	U		0.118	1.00	1	04/15/2025 13:04	WG2490842
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	04/15/2025 13:04	WG2490842
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	04/15/2025 13:04	WG2490842
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	04/15/2025 13:04	WG2490842
Tetrachloroethene	U		0.300	1.00	1	04/15/2025 13:04	WG2490842
Toluene	U		0.278	1.00	1	04/15/2025 13:04	WG2490842
1,2,3-Trichlorobenzene	U		0.230	1.00	1	04/15/2025 13:04	WG2490842
1,2,4-Trichlorobenzene	U		0.481	1.00	1	04/15/2025 13:04	WG2490842
1,1,1-Trichloroethane	U		0.149	1.00	1	04/15/2025 13:04	WG2490842
1,1,2-Trichloroethane	U		0.158	1.00	1	04/15/2025 13:04	WG2490842
Trichloroethene	U		0.190	1.00	1	04/15/2025 13:04	WG2490842
Trichlorofluoromethane	U		0.160	5.00	1	04/15/2025 13:04	WG2490842
1,2,3-Trichloropropane	U		0.237	2.50	1	04/15/2025 13:04	WG2490842
1,2,4-Trimethylbenzene	U		0.322	1.00	1	04/15/2025 13:04	WG2490842
1,2,3-Trimethylbenzene	U		0.104	1.00	1	04/15/2025 13:04	WG2490842
1,3,5-Trimethylbenzene	U		0.104	1.00	1	04/15/2025 13:04	WG2490842
Vinyl chloride	U		0.234	1.00	1	04/15/2025 13:04	WG2490842
Xylenes, Total	U		0.174	3.00	1	04/15/2025 13:04	WG2490842
(S) Toluene-d8	110			80.0-120		04/15/2025 13:04	WG2490842
(S) 4-Bromofluorobenzene	97.1			77.0-126		04/15/2025 13:04	WG2490842
(S) 1,2-Dichloroethane-d4	100			70.0-130		04/15/2025 13:04	WG2490842

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
C10-C28 Diesel Range	U		60.5	100	1	04/15/2025 14:39	WG2490756
C28-C36 Motor Oil Range	486		77.2	100	1	04/15/2025 14:39	WG2490756
(S) o-Terphenyl	90.0			52.0-156		04/15/2025 14:39	WG2490756

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acenaphthene	U		0.0886	1.00	1	04/15/2025 17:06	WG2490753
Acenaphthylene	U		0.0921	1.00	1	04/15/2025 17:06	WG2490753
Anthracene	U	<u>J3</u>	0.0804	1.00	1	04/15/2025 17:06	WG2490753
Benzidine	U	<u>J4</u>	3.74	10.0	1	04/15/2025 17:06	WG2490753
Benzo(a)anthracene	U	<u>J3</u>	0.199	1.00	1	04/15/2025 17:06	WG2490753
Benzo(b)fluoranthene	U	<u>J3</u>	0.130	1.00	1	04/15/2025 17:06	WG2490753
Benzo(k)fluoranthene	U	<u>J3</u>	0.120	1.00	1	04/15/2025 17:06	WG2490753
Benzo(g,h,i)perylene	U	<u>J3</u>	0.121	1.00	1	04/15/2025 17:06	WG2490753
Benzo(a)pyrene	U	<u>J3</u>	0.0381	1.00	1	04/15/2025 17:06	WG2490753
Bis(2-chloroethoxy)methane	U		0.116	10.0	1	04/15/2025 17:06	WG2490753
Bis(2-chloroethyl)ether	U		0.137	10.0	1	04/15/2025 17:06	WG2490753
2,2-Oxybis(1-Chloropropane)	U	<u>C3</u>	0.210	10.0	1	04/15/2025 17:06	WG2490753
4-Bromophenyl-phenylether	U	<u>J3</u>	0.0877	10.0	1	04/15/2025 17:06	WG2490753
2-Chloronaphthalene	U		0.0648	1.00	1	04/15/2025 17:06	WG2490753
4-Chlorophenyl-phenylether	U		0.0926	10.0	1	04/15/2025 17:06	WG2490753
Chrysene	U	<u>J3</u>	0.130	1.00	1	04/15/2025 17:06	WG2490753
Dibenz(a,h)anthracene	U	<u>J3</u>	0.0644	1.00	1	04/15/2025 17:06	WG2490753
1,2-Dichlorobenzene	U		0.0713	10.0	1	04/15/2025 17:06	WG2490753
1,3-Dichlorobenzene	U		0.132	10.0	1	04/15/2025 17:06	WG2490753
1,4-Dichlorobenzene	U		0.0942	10.0	1	04/15/2025 17:06	WG2490753
3,3-Dichlorobenzidine	U		0.212	10.0	1	04/15/2025 17:06	WG2490753
2,4-Dinitrotoluene	U		0.0983	10.0	1	04/15/2025 17:06	WG2490753
2,6-Dinitrotoluene	U		0.250	10.0	1	04/15/2025 17:06	WG2490753
Fluoranthene	U	<u>J3</u>	0.102	1.00	1	04/15/2025 17:06	WG2490753
Fluorene	U		0.0844	1.00	1	04/15/2025 17:06	WG2490753
Hexachlorobenzene	U	<u>J3</u>	0.0755	1.00	1	04/15/2025 17:06	WG2490753
Hexachloro-1,3-butadiene	U		0.0968	10.0	1	04/15/2025 17:06	WG2490753
Hexachlorocyclopentadiene	U	<u>C7</u>	0.0598	10.0	1	04/15/2025 17:06	WG2490753
Hexachloroethane	U		0.127	10.0	1	04/15/2025 17:06	WG2490753
Indeno(1,2,3-cd)pyrene	U	<u>J3</u>	0.279	1.00	1	04/15/2025 17:06	WG2490753
Isophorone	U		0.143	10.0	1	04/15/2025 17:06	WG2490753
Naphthalene	U		0.159	1.00	1	04/15/2025 17:06	WG2490753
Nitrobenzene	U		0.297	10.0	1	04/15/2025 17:06	WG2490753
n-Nitrosodimethylamine	U	<u>C3</u>	0.998	10.0	1	04/15/2025 17:06	WG2490753
n-Nitrosodiphenylamine	U		2.37	10.0	1	04/15/2025 17:06	WG2490753
n-Nitrosodi-n-propylamine	U	<u>C3</u>	0.261	10.0	1	04/15/2025 17:06	WG2490753
Phenanthrene	U		0.112	1.00	1	04/15/2025 17:06	WG2490753
Benzylbutyl phthalate	U	<u>J3</u>	0.765	3.00	1	04/15/2025 17:06	WG2490753
Bis(2-ethylhexyl)phthalate	U	<u>J3</u>	0.895	3.00	1	04/15/2025 17:06	WG2490753
Di-n-butyl phthalate	U		0.453	3.00	1	04/15/2025 17:06	WG2490753
Diethyl phthalate	U	<u>J3</u>	0.287	3.00	1	04/15/2025 17:06	WG2490753
Dimethyl phthalate	U	<u>J3</u>	0.260	3.00	1	04/15/2025 17:06	WG2490753
Di-n-octyl phthalate	U	<u>J3</u>	0.932	3.00	1	04/15/2025 17:06	WG2490753
Pyrene	U	<u>J3</u>	0.107	1.00	1	04/15/2025 17:06	WG2490753
1,2,4-Trichlorobenzene	U		0.0698	10.0	1	04/15/2025 17:06	WG2490753
4-Chloro-3-methylphenol	U		0.131	10.0	1	04/15/2025 17:06	WG2490753
2-Chlorophenol	U		0.133	10.0	1	04/15/2025 17:06	WG2490753
2,4-Dichlorophenol	U		0.102	10.0	1	04/15/2025 17:06	WG2490753
2,4-Dimethylphenol	U	<u>C3</u>	0.0636	10.0	1	04/15/2025 17:06	WG2490753

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 8270E

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
4,6-Dinitro-2-methylphenol	U		1.12	10.0	1	04/15/2025 17:06	WG2490753
2,4-Dinitrophenol	U		5.93	10.0	1	04/15/2025 17:06	WG2490753
2-Nitrophenol	U		0.117	10.0	1	04/15/2025 17:06	WG2490753
4-Nitrophenol	U		0.143	10.0	1	04/15/2025 17:06	WG2490753
Pentachlorophenol	U	<u>J3</u>	0.313	10.0	1	04/15/2025 17:06	WG2490753
Phenol	U		4.33	10.0	1	04/15/2025 17:06	WG2490753
2,4,6-Trichlorophenol	U		0.100	10.0	1	04/15/2025 17:06	WG2490753
<i>(S)</i> 2-Fluorophenol	32.8			10.0-120		04/15/2025 17:06	WG2490753
<i>(S)</i> Phenol-d5	21.7			10.0-120		04/15/2025 17:06	WG2490753
<i>(S)</i> Nitrobenzene-d5	61.9			10.0-127		04/15/2025 17:06	WG2490753
<i>(S)</i> 2-Fluorobiphenyl	63.3			10.0-130		04/15/2025 17:06	WG2490753
<i>(S)</i> 2,4,6-Tribromophenol	60.6			10.0-155		04/15/2025 17:06	WG2490753
<i>(S)</i> p-Terphenyl-d14	46.9			10.0-128		04/15/2025 17:06	WG2490753

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

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Mercury	U		0.0700	0.200	1	04/15/2025 14:16	WG2490796

Metals (ICPMS) by Method 6020B

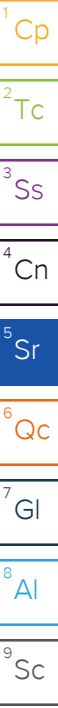
Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Aluminum	224		16.0	100	1	04/15/2025 14:00	WG2490806
Antimony	0.558	<u>B J</u>	0.310	4.00	1	04/15/2025 14:00	WG2490806
Arsenic	2.77		0.120	2.00	1	04/15/2025 14:00	WG2490806
Barium	37.4		0.500	2.00	1	04/15/2025 14:00	WG2490806
Beryllium	U		0.200	2.00	1	04/15/2025 14:00	WG2490806
Cadmium	U		0.120	1.00	1	04/15/2025 14:00	WG2490806
Calcium	235000		92.5	1000	1	04/15/2025 14:00	WG2490806
Chromium	U		0.900	2.00	1	04/15/2025 14:00	WG2490806
Copper	1.96	<u>J</u>	0.700	5.00	1	04/15/2025 14:00	WG2490806
Cobalt	0.799	<u>J</u>	0.100	2.00	1	04/15/2025 14:00	WG2490806
Iron	174		22.6	100	1	04/15/2025 14:00	WG2490806
Lead	U		0.500	2.00	1	04/15/2025 14:00	WG2490806
Magnesium	153000		82.7	1000	1	04/15/2025 14:00	WG2490806
Manganese	397		0.700	5.00	1	04/15/2025 14:00	WG2490806
Nickel	2.66		0.500	2.00	1	04/15/2025 14:00	WG2490806
Potassium	10900		96.5	2000	1	04/15/2025 14:00	WG2490806
Selenium	6.42		0.250	2.00	1	04/15/2025 14:00	WG2490806
Silver	U		0.110	2.00	1	04/15/2025 14:00	WG2490806
Sodium	301000		142	2000	1	04/15/2025 14:00	WG2490806
Thallium	U		0.130	2.00	1	04/15/2025 14:00	WG2490806
Vanadium	4.63	<u>J</u>	0.520	5.00	1	04/15/2025 14:00	WG2490806
Zinc	U		4.00	25.0	1	04/15/2025 14:00	WG2490806

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TPH (GC/FID) Low Fraction	U		31.4	100	1	04/15/2025 14:00	WG2490894
(S) <i>a,a,a</i> -Trifluorotoluene(FID)	101			78.0-120		04/15/2025 14:00	WG2490894

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	<u>J3</u>	11.3	50.0	1	04/15/2025 13:25	WG2490842
Acrolein	U	<u>J4</u>	2.54	50.0	1	04/15/2025 13:25	WG2490842
Acrylonitrile	U		0.671	10.0	1	04/15/2025 13:25	WG2490842
Benzene	U		0.0941	1.00	1	04/15/2025 13:25	WG2490842
Bromobenzene	U		0.118	1.00	1	04/15/2025 13:25	WG2490842
Bromodichloromethane	U		0.136	1.00	1	04/15/2025 13:25	WG2490842
Bromoform	U	<u>C3</u>	0.129	1.00	1	04/15/2025 13:25	WG2490842
Bromomethane	U	<u>C3</u>	0.605	5.00	1	04/15/2025 13:25	WG2490842
n-Butylbenzene	U		0.157	1.00	1	04/15/2025 13:25	WG2490842
sec-Butylbenzene	U		0.125	1.00	1	04/15/2025 13:25	WG2490842
tert-Butylbenzene	U		0.127	1.00	1	04/15/2025 13:25	WG2490842
Carbon tetrachloride	U		0.128	1.00	1	04/15/2025 13:25	WG2490842
Chlorobenzene	U		0.116	1.00	1	04/15/2025 13:25	WG2490842
Chlorodibromomethane	U	<u>C3</u>	0.140	1.00	1	04/15/2025 13:25	WG2490842
Chloroethane	U		0.192	5.00	1	04/15/2025 13:25	WG2490842
Chloroform	U		0.111	5.00	1	04/15/2025 13:25	WG2490842
Chloromethane	U	<u>C3</u>	0.960	2.50	1	04/15/2025 13:25	WG2490842



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
2-Chlorotoluene	U		0.106	1.00	1	04/15/2025 13:25	WG2490842
4-Chlorotoluene	U		0.114	1.00	1	04/15/2025 13:25	WG2490842
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	04/15/2025 13:25	WG2490842
1,2-Dibromoethane	U		0.126	1.00	1	04/15/2025 13:25	WG2490842
Dibromomethane	U		0.122	1.00	1	04/15/2025 13:25	WG2490842
1,2-Dichlorobenzene	U		0.107	1.00	1	04/15/2025 13:25	WG2490842
1,3-Dichlorobenzene	U		0.110	1.00	1	04/15/2025 13:25	WG2490842
1,4-Dichlorobenzene	U		0.120	1.00	1	04/15/2025 13:25	WG2490842
Dichlorodifluoromethane	U		0.374	5.00	1	04/15/2025 13:25	WG2490842
1,1-Dichloroethane	U		0.100	1.00	1	04/15/2025 13:25	WG2490842
1,2-Dichloroethane	U		0.0819	1.00	1	04/15/2025 13:25	WG2490842
1,1-Dichloroethene	U		0.188	1.00	1	04/15/2025 13:25	WG2490842
cis-1,2-Dichloroethene	U		0.126	1.00	1	04/15/2025 13:25	WG2490842
trans-1,2-Dichloroethene	U		0.149	1.00	1	04/15/2025 13:25	WG2490842
1,2-Dichloropropane	U		0.149	1.00	1	04/15/2025 13:25	WG2490842
1,1-Dichloropropene	U		0.142	1.00	1	04/15/2025 13:25	WG2490842
1,3-Dichloropropane	U		0.110	1.00	1	04/15/2025 13:25	WG2490842
cis-1,3-Dichloropropene	U		0.111	1.00	1	04/15/2025 13:25	WG2490842
trans-1,3-Dichloropropene	U		0.118	1.00	1	04/15/2025 13:25	WG2490842
2,2-Dichloropropane	U		0.161	1.00	1	04/15/2025 13:25	WG2490842
Di-isopropyl ether	U		0.105	1.00	1	04/15/2025 13:25	WG2490842
Ethylbenzene	U		0.137	1.00	1	04/15/2025 13:25	WG2490842
Hexachloro-1,3-butadiene	U		0.337	1.00	1	04/15/2025 13:25	WG2490842
Isopropylbenzene	U		0.105	1.00	1	04/15/2025 13:25	WG2490842
p-Isopropyltoluene	U		0.120	1.00	1	04/15/2025 13:25	WG2490842
2-Butanone (MEK)	U		1.19	10.0	1	04/15/2025 13:25	WG2490842
Methylene Chloride	U		0.430	5.00	1	04/15/2025 13:25	WG2490842
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	04/15/2025 13:25	WG2490842
Methyl tert-butyl ether	U		0.101	1.00	1	04/15/2025 13:25	WG2490842
Naphthalene	U	<u>C3</u>	1.00	5.00	1	04/15/2025 13:25	WG2490842
n-Propylbenzene	U		0.0993	1.00	1	04/15/2025 13:25	WG2490842
Styrene	U		0.118	1.00	1	04/15/2025 13:25	WG2490842
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	04/15/2025 13:25	WG2490842
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	04/15/2025 13:25	WG2490842
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	04/15/2025 13:25	WG2490842
Tetrachloroethene	U		0.300	1.00	1	04/15/2025 13:25	WG2490842
Toluene	U		0.278	1.00	1	04/15/2025 13:25	WG2490842
1,2,3-Trichlorobenzene	U		0.230	1.00	1	04/15/2025 13:25	WG2490842
1,2,4-Trichlorobenzene	U		0.481	1.00	1	04/15/2025 13:25	WG2490842
1,1,1-Trichloroethane	U		0.149	1.00	1	04/15/2025 13:25	WG2490842
1,1,2-Trichloroethane	U		0.158	1.00	1	04/15/2025 13:25	WG2490842
Trichloroethene	U		0.190	1.00	1	04/15/2025 13:25	WG2490842
Trichlorofluoromethane	U		0.160	5.00	1	04/15/2025 13:25	WG2490842
1,2,3-Trichloropropane	U		0.237	2.50	1	04/15/2025 13:25	WG2490842
1,2,4-Trimethylbenzene	U		0.322	1.00	1	04/15/2025 13:25	WG2490842
1,2,3-Trimethylbenzene	U		0.104	1.00	1	04/15/2025 13:25	WG2490842
1,3,5-Trimethylbenzene	U		0.104	1.00	1	04/15/2025 13:25	WG2490842
Vinyl chloride	U		0.234	1.00	1	04/15/2025 13:25	WG2490842
Xylenes, Total	U		0.174	3.00	1	04/15/2025 13:25	WG2490842
(S) Toluene-d8	109			80.0-120		04/15/2025 13:25	WG2490842
(S) 4-Bromofluorobenzene	99.7			77.0-126		04/15/2025 13:25	WG2490842
(S) 1,2-Dichloroethane-d4	97.2			70.0-130		04/15/2025 13:25	WG2490842

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
C10-C28 Diesel Range	U		60.5	100	1	04/15/2025 14:59	WG2490756
C28-C36 Motor Oil Range	296		77.2	100	1	04/15/2025 14:59	WG2490756
(S) o-Terphenyl	91.1			52.0-156		04/15/2025 14:59	WG2490756

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acenaphthene	U		0.0886	1.00	1	04/15/2025 17:27	WG2490753
Acenaphthylene	U		0.0921	1.00	1	04/15/2025 17:27	WG2490753
Anthracene	U	J3	0.0804	1.00	1	04/15/2025 17:27	WG2490753
Benzidine	U	J4	3.74	10.0	1	04/15/2025 17:27	WG2490753
Benzo(a)anthracene	U	J3	0.199	1.00	1	04/15/2025 17:27	WG2490753
Benzo(b)fluoranthene	U	J3	0.130	1.00	1	04/15/2025 17:27	WG2490753
Benzo(k)fluoranthene	U	J3	0.120	1.00	1	04/15/2025 17:27	WG2490753
Benzo(g,h,i)perylene	U	J3	0.121	1.00	1	04/15/2025 17:27	WG2490753
Benzo(a)pyrene	U	J3	0.0381	1.00	1	04/15/2025 17:27	WG2490753
Bis(2-chloroethoxy)methane	U		0.116	10.0	1	04/15/2025 17:27	WG2490753
Bis(2-chloroethyl)ether	U		0.137	10.0	1	04/15/2025 17:27	WG2490753
2,2-Oxybis(1-Chloropropane)	U	C3	0.210	10.0	1	04/15/2025 17:27	WG2490753
4-Bromophenyl-phenylether	U	J3	0.0877	10.0	1	04/15/2025 17:27	WG2490753
2-Chloronaphthalene	U		0.0648	1.00	1	04/15/2025 17:27	WG2490753
4-Chlorophenyl-phenylether	U		0.0926	10.0	1	04/15/2025 17:27	WG2490753
Chrysene	U	J3	0.130	1.00	1	04/15/2025 17:27	WG2490753
Dibenz(a,h)anthracene	U	J3	0.0644	1.00	1	04/15/2025 17:27	WG2490753
1,2-Dichlorobenzene	U		0.0713	10.0	1	04/15/2025 17:27	WG2490753
1,3-Dichlorobenzene	U		0.132	10.0	1	04/15/2025 17:27	WG2490753
1,4-Dichlorobenzene	U		0.0942	10.0	1	04/15/2025 17:27	WG2490753
3,3-Dichlorobenzidine	U		0.212	10.0	1	04/15/2025 17:27	WG2490753
2,4-Dinitrotoluene	U		0.0983	10.0	1	04/15/2025 17:27	WG2490753
2,6-Dinitrotoluene	U		0.250	10.0	1	04/15/2025 17:27	WG2490753
Fluoranthene	U	J3	0.102	1.00	1	04/15/2025 17:27	WG2490753
Fluorene	U		0.0844	1.00	1	04/15/2025 17:27	WG2490753
Hexachlorobenzene	U	J3	0.0755	1.00	1	04/15/2025 17:27	WG2490753
Hexachloro-1,3-butadiene	U		0.0968	10.0	1	04/15/2025 17:27	WG2490753
Hexachlorocyclopentadiene	U	C7	0.0598	10.0	1	04/15/2025 17:27	WG2490753
Hexachloroethane	U		0.127	10.0	1	04/15/2025 17:27	WG2490753
Indeno(1,2,3-cd)pyrene	U	J3	0.279	1.00	1	04/15/2025 17:27	WG2490753
Isophorone	U		0.143	10.0	1	04/15/2025 17:27	WG2490753
Naphthalene	U		0.159	1.00	1	04/15/2025 17:27	WG2490753
Nitrobenzene	U		0.297	10.0	1	04/15/2025 17:27	WG2490753
n-Nitrosodimethylamine	U	C3	0.998	10.0	1	04/15/2025 17:27	WG2490753
n-Nitrosodiphenylamine	U		2.37	10.0	1	04/15/2025 17:27	WG2490753
n-Nitrosodi-n-propylamine	U	C3	0.261	10.0	1	04/15/2025 17:27	WG2490753
Phenanthrene	U		0.112	1.00	1	04/15/2025 17:27	WG2490753
Benzylbutyl phthalate	U	J3	0.765	3.00	1	04/15/2025 17:27	WG2490753
Bis(2-ethylhexyl)phthalate	U	J3	0.895	3.00	1	04/15/2025 17:27	WG2490753
Di-n-butyl phthalate	U		0.453	3.00	1	04/15/2025 17:27	WG2490753
Diethyl phthalate	U	J3	0.287	3.00	1	04/15/2025 17:27	WG2490753
Dimethyl phthalate	U	J3	0.260	3.00	1	04/15/2025 17:27	WG2490753
Di-n-octyl phthalate	U	J3	0.932	3.00	1	04/15/2025 17:27	WG2490753
Pyrene	U	J3	0.107	1.00	1	04/15/2025 17:27	WG2490753
1,2,4-Trichlorobenzene	U		0.0698	10.0	1	04/15/2025 17:27	WG2490753
4-Chloro-3-methylphenol	U		0.131	10.0	1	04/15/2025 17:27	WG2490753
2-Chlorophenol	U		0.133	10.0	1	04/15/2025 17:27	WG2490753
2,4-Dichlorophenol	U		0.102	10.0	1	04/15/2025 17:27	WG2490753
2,4-Dimethylphenol	U	C3	0.0636	10.0	1	04/15/2025 17:27	WG2490753

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 8270E

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
4,6-Dinitro-2-methylphenol	U		1.12	10.0	1	04/15/2025 17:27	WG2490753
2,4-Dinitrophenol	U		5.93	10.0	1	04/15/2025 17:27	WG2490753
2-Nitrophenol	U		0.117	10.0	1	04/15/2025 17:27	WG2490753
4-Nitrophenol	U		0.143	10.0	1	04/15/2025 17:27	WG2490753
Pentachlorophenol	U	<u>J3</u>	0.313	10.0	1	04/15/2025 17:27	WG2490753
Phenol	U		4.33	10.0	1	04/15/2025 17:27	WG2490753
2,4,6-Trichlorophenol	U		0.100	10.0	1	04/15/2025 17:27	WG2490753
<i>(S)</i> 2-Fluorophenol	35.1			10.0-120		04/15/2025 17:27	WG2490753
<i>(S)</i> Phenol-d5	22.1			10.0-120		04/15/2025 17:27	WG2490753
<i>(S)</i> Nitrobenzene-d5	57.9			10.0-127		04/15/2025 17:27	WG2490753
<i>(S)</i> 2-Fluorobiphenyl	62.3			10.0-130		04/15/2025 17:27	WG2490753
<i>(S)</i> 2,4,6-Tribromophenol	59.2			10.0-155		04/15/2025 17:27	WG2490753
<i>(S)</i> p-Terphenyl-d14	55.4			10.0-128		04/15/2025 17:27	WG2490753

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

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Mercury	U		0.0700	0.200	1	04/15/2025 13:46	WG2490796

Metals (ICPMS) by Method 6020B

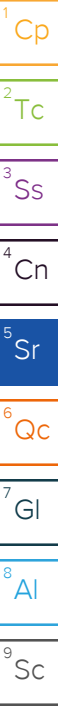
Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Aluminum	U		16.0	100	1	04/15/2025 14:03	WG2490806
Antimony	0.375	<u>B J</u>	0.310	4.00	1	04/15/2025 14:03	WG2490806
Arsenic	U		0.120	2.00	1	04/15/2025 14:03	WG2490806
Barium	U		0.500	2.00	1	04/15/2025 14:03	WG2490806
Beryllium	U		0.200	2.00	1	04/15/2025 14:03	WG2490806
Cadmium	U		0.120	1.00	1	04/15/2025 14:03	WG2490806
Calcium	U		92.5	1000	1	04/15/2025 14:03	WG2490806
Chromium	U		0.900	2.00	1	04/15/2025 14:03	WG2490806
Copper	0.816	<u>J</u>	0.700	5.00	1	04/15/2025 14:03	WG2490806
Cobalt	U		0.100	2.00	1	04/15/2025 14:03	WG2490806
Iron	U		22.6	100	1	04/15/2025 14:03	WG2490806
Lead	U		0.500	2.00	1	04/15/2025 14:03	WG2490806
Magnesium	U		82.7	1000	1	04/15/2025 14:03	WG2490806
Manganese	U		0.700	5.00	1	04/15/2025 14:03	WG2490806
Nickel	U		0.500	2.00	1	04/15/2025 14:03	WG2490806
Potassium	U		96.5	2000	1	04/15/2025 14:03	WG2490806
Selenium	U		0.250	2.00	1	04/15/2025 14:03	WG2490806
Silver	U		0.110	2.00	1	04/15/2025 14:03	WG2490806
Sodium	U		142	2000	1	04/15/2025 14:03	WG2490806
Thallium	U		0.130	2.00	1	04/15/2025 14:03	WG2490806
Vanadium	U		0.520	5.00	1	04/15/2025 14:03	WG2490806
Zinc	4.21	<u>J</u>	4.00	25.0	1	04/15/2025 14:03	WG2490806

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TPH (GC/FID) Low Fraction	U		31.4	100	1	04/15/2025 14:21	WG2490894
(S) <i>a,a,a</i> -Trifluorotoluene(FID)	101			78.0-120		04/15/2025 14:21	WG2490894

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	<u>J3</u>	11.3	50.0	1	04/15/2025 13:47	WG2490842
Acrolein	U	<u>J4</u>	2.54	50.0	1	04/15/2025 13:47	WG2490842
Acrylonitrile	U		0.671	10.0	1	04/15/2025 13:47	WG2490842
Benzene	U		0.0941	1.00	1	04/15/2025 13:47	WG2490842
Bromobenzene	U		0.118	1.00	1	04/15/2025 13:47	WG2490842
Bromodichloromethane	0.336	<u>J</u>	0.136	1.00	1	04/15/2025 13:47	WG2490842
Bromoform	U	<u>C3</u>	0.129	1.00	1	04/15/2025 13:47	WG2490842
Bromomethane	U	<u>C3</u>	0.605	5.00	1	04/15/2025 13:47	WG2490842
n-Butylbenzene	U		0.157	1.00	1	04/15/2025 13:47	WG2490842
sec-Butylbenzene	U		0.125	1.00	1	04/15/2025 13:47	WG2490842
tert-Butylbenzene	U		0.127	1.00	1	04/15/2025 13:47	WG2490842
Carbon tetrachloride	U		0.128	1.00	1	04/15/2025 13:47	WG2490842
Chlorobenzene	U		0.116	1.00	1	04/15/2025 13:47	WG2490842
Chlorodibromomethane	U	<u>C3</u>	0.140	1.00	1	04/15/2025 13:47	WG2490842
Chloroethane	U		0.192	5.00	1	04/15/2025 13:47	WG2490842
Chloroform	0.471	<u>J</u>	0.111	5.00	1	04/15/2025 13:47	WG2490842
Chloromethane	U	<u>C3</u>	0.960	2.50	1	04/15/2025 13:47	WG2490842



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
2-Chlorotoluene	U		0.106	1.00	1	04/15/2025 13:47	WG2490842
4-Chlorotoluene	U		0.114	1.00	1	04/15/2025 13:47	WG2490842
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	04/15/2025 13:47	WG2490842
1,2-Dibromoethane	U		0.126	1.00	1	04/15/2025 13:47	WG2490842
Dibromomethane	U		0.122	1.00	1	04/15/2025 13:47	WG2490842
1,2-Dichlorobenzene	U		0.107	1.00	1	04/15/2025 13:47	WG2490842
1,3-Dichlorobenzene	U		0.110	1.00	1	04/15/2025 13:47	WG2490842
1,4-Dichlorobenzene	U		0.120	1.00	1	04/15/2025 13:47	WG2490842
Dichlorodifluoromethane	U		0.374	5.00	1	04/15/2025 13:47	WG2490842
1,1-Dichloroethane	U		0.100	1.00	1	04/15/2025 13:47	WG2490842
1,2-Dichloroethane	U		0.0819	1.00	1	04/15/2025 13:47	WG2490842
1,1-Dichloroethene	U		0.188	1.00	1	04/15/2025 13:47	WG2490842
cis-1,2-Dichloroethene	U		0.126	1.00	1	04/15/2025 13:47	WG2490842
trans-1,2-Dichloroethene	U		0.149	1.00	1	04/15/2025 13:47	WG2490842
1,2-Dichloropropane	U		0.149	1.00	1	04/15/2025 13:47	WG2490842
1,1-Dichloropropene	U		0.142	1.00	1	04/15/2025 13:47	WG2490842
1,3-Dichloropropane	U		0.110	1.00	1	04/15/2025 13:47	WG2490842
cis-1,3-Dichloropropene	U		0.111	1.00	1	04/15/2025 13:47	WG2490842
trans-1,3-Dichloropropene	U		0.118	1.00	1	04/15/2025 13:47	WG2490842
2,2-Dichloropropane	U		0.161	1.00	1	04/15/2025 13:47	WG2490842
Di-isopropyl ether	U		0.105	1.00	1	04/15/2025 13:47	WG2490842
Ethylbenzene	U		0.137	1.00	1	04/15/2025 13:47	WG2490842
Hexachloro-1,3-butadiene	U		0.337	1.00	1	04/15/2025 13:47	WG2490842
Isopropylbenzene	U		0.105	1.00	1	04/15/2025 13:47	WG2490842
p-Isopropyltoluene	U		0.120	1.00	1	04/15/2025 13:47	WG2490842
2-Butanone (MEK)	U		1.19	10.0	1	04/15/2025 13:47	WG2490842
Methylene Chloride	U		0.430	5.00	1	04/15/2025 13:47	WG2490842
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	04/15/2025 13:47	WG2490842
Methyl tert-butyl ether	U		0.101	1.00	1	04/15/2025 13:47	WG2490842
Naphthalene	U	<u>C3</u>	1.00	5.00	1	04/15/2025 13:47	WG2490842
n-Propylbenzene	U		0.0993	1.00	1	04/15/2025 13:47	WG2490842
Styrene	U		0.118	1.00	1	04/15/2025 13:47	WG2490842
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	04/15/2025 13:47	WG2490842
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	04/15/2025 13:47	WG2490842
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	04/15/2025 13:47	WG2490842
Tetrachloroethene	U		0.300	1.00	1	04/15/2025 13:47	WG2490842
Toluene	U		0.278	1.00	1	04/15/2025 13:47	WG2490842
1,2,3-Trichlorobenzene	U		0.230	1.00	1	04/15/2025 13:47	WG2490842
1,2,4-Trichlorobenzene	U		0.481	1.00	1	04/15/2025 13:47	WG2490842
1,1,1-Trichloroethane	U		0.149	1.00	1	04/15/2025 13:47	WG2490842
1,1,2-Trichloroethane	U		0.158	1.00	1	04/15/2025 13:47	WG2490842
Trichloroethene	U		0.190	1.00	1	04/15/2025 13:47	WG2490842
Trichlorofluoromethane	U		0.160	5.00	1	04/15/2025 13:47	WG2490842
1,2,3-Trichloropropane	U		0.237	2.50	1	04/15/2025 13:47	WG2490842
1,2,4-Trimethylbenzene	U		0.322	1.00	1	04/15/2025 13:47	WG2490842
1,2,3-Trimethylbenzene	U		0.104	1.00	1	04/15/2025 13:47	WG2490842
1,3,5-Trimethylbenzene	U		0.104	1.00	1	04/15/2025 13:47	WG2490842
Vinyl chloride	U		0.234	1.00	1	04/15/2025 13:47	WG2490842
Xylenes, Total	U		0.174	3.00	1	04/15/2025 13:47	WG2490842
(S) Toluene-d8	109			80.0-120		04/15/2025 13:47	WG2490842
(S) 4-Bromofluorobenzene	94.8			77.0-126		04/15/2025 13:47	WG2490842
(S) 1,2-Dichloroethane-d4	102			70.0-130		04/15/2025 13:47	WG2490842

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
C10-C28 Diesel Range	U		60.5	100	1	04/15/2025 15:19	WG2490756
C28-C36 Motor Oil Range	U		77.2	100	1	04/15/2025 15:19	WG2490756
(S) o-Terphenyl	91.1			52.0-156		04/15/2025 15:19	WG2490756

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acenaphthene	U		0.0886	1.00	1	04/15/2025 17:48	WG2490753
Acenaphthylene	U		0.0921	1.00	1	04/15/2025 17:48	WG2490753
Anthracene	U	J3	0.0804	1.00	1	04/15/2025 17:48	WG2490753
Benzidine	U	J4	3.74	10.0	1	04/15/2025 17:48	WG2490753
Benzo(a)anthracene	U	J3	0.199	1.00	1	04/15/2025 17:48	WG2490753
Benzo(b)fluoranthene	U	J3	0.130	1.00	1	04/15/2025 17:48	WG2490753
Benzo(k)fluoranthene	U	J3	0.120	1.00	1	04/15/2025 17:48	WG2490753
Benzo(g,h,i)perylene	U	J3	0.121	1.00	1	04/15/2025 17:48	WG2490753
Benzo(a)pyrene	U	J3	0.0381	1.00	1	04/15/2025 17:48	WG2490753
Bis(2-chloroethoxy)methane	U		0.116	10.0	1	04/15/2025 17:48	WG2490753
Bis(2-chloroethyl)ether	U		0.137	10.0	1	04/15/2025 17:48	WG2490753
2,2-Oxybis(1-Chloropropane)	U	C3	0.210	10.0	1	04/15/2025 17:48	WG2490753
4-Bromophenyl-phenylether	U	J3	0.0877	10.0	1	04/15/2025 17:48	WG2490753
2-Chloronaphthalene	U		0.0648	1.00	1	04/15/2025 17:48	WG2490753
4-Chlorophenyl-phenylether	U		0.0926	10.0	1	04/15/2025 17:48	WG2490753
Chrysene	U	J3	0.130	1.00	1	04/15/2025 17:48	WG2490753
Dibenz(a,h)anthracene	U	J3	0.0644	1.00	1	04/15/2025 17:48	WG2490753
1,2-Dichlorobenzene	U		0.0713	10.0	1	04/15/2025 17:48	WG2490753
1,3-Dichlorobenzene	U		0.132	10.0	1	04/15/2025 17:48	WG2490753
1,4-Dichlorobenzene	U		0.0942	10.0	1	04/15/2025 17:48	WG2490753
3,3-Dichlorobenzidine	U		0.212	10.0	1	04/15/2025 17:48	WG2490753
2,4-Dinitrotoluene	U		0.0983	10.0	1	04/15/2025 17:48	WG2490753
2,6-Dinitrotoluene	U		0.250	10.0	1	04/15/2025 17:48	WG2490753
Fluoranthene	U	J3	0.102	1.00	1	04/15/2025 17:48	WG2490753
Fluorene	U		0.0844	1.00	1	04/15/2025 17:48	WG2490753
Hexachlorobenzene	U	J3	0.0755	1.00	1	04/15/2025 17:48	WG2490753
Hexachloro-1,3-butadiene	U		0.0968	10.0	1	04/15/2025 17:48	WG2490753
Hexachlorocyclopentadiene	U	C7	0.0598	10.0	1	04/15/2025 17:48	WG2490753
Hexachloroethane	U		0.127	10.0	1	04/15/2025 17:48	WG2490753
Indeno(1,2,3-cd)pyrene	U	J3	0.279	1.00	1	04/15/2025 17:48	WG2490753
Isophorone	U		0.143	10.0	1	04/15/2025 17:48	WG2490753
Naphthalene	U		0.159	1.00	1	04/15/2025 17:48	WG2490753
Nitrobenzene	U		0.297	10.0	1	04/15/2025 17:48	WG2490753
n-Nitrosodimethylamine	U	C3	0.998	10.0	1	04/15/2025 17:48	WG2490753
n-Nitrosodiphenylamine	U		2.37	10.0	1	04/15/2025 17:48	WG2490753
n-Nitrosodi-n-propylamine	U	C3	0.261	10.0	1	04/15/2025 17:48	WG2490753
Phenanthrene	U		0.112	1.00	1	04/15/2025 17:48	WG2490753
Benzylbutyl phthalate	U	J3	0.765	3.00	1	04/15/2025 17:48	WG2490753
Bis(2-ethylhexyl)phthalate	U	J3	0.895	3.00	1	04/15/2025 17:48	WG2490753
Di-n-butyl phthalate	U		0.453	3.00	1	04/15/2025 17:48	WG2490753
Diethyl phthalate	U	J3	0.287	3.00	1	04/15/2025 17:48	WG2490753
Dimethyl phthalate	U	J3	0.260	3.00	1	04/15/2025 17:48	WG2490753
Di-n-octyl phthalate	U	J3	0.932	3.00	1	04/15/2025 17:48	WG2490753
Pyrene	U	J3	0.107	1.00	1	04/15/2025 17:48	WG2490753
1,2,4-Trichlorobenzene	U		0.0698	10.0	1	04/15/2025 17:48	WG2490753
4-Chloro-3-methylphenol	U		0.131	10.0	1	04/15/2025 17:48	WG2490753
2-Chlorophenol	U		0.133	10.0	1	04/15/2025 17:48	WG2490753
2,4-Dichlorophenol	U		0.102	10.0	1	04/15/2025 17:48	WG2490753
2,4-Dimethylphenol	U	C3	0.0636	10.0	1	04/15/2025 17:48	WG2490753

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 8270E

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
4,6-Dinitro-2-methylphenol	U		1.12	10.0	1	04/15/2025 17:48	WG2490753
2,4-Dinitrophenol	U		5.93	10.0	1	04/15/2025 17:48	WG2490753
2-Nitrophenol	U		0.117	10.0	1	04/15/2025 17:48	WG2490753
4-Nitrophenol	U		0.143	10.0	1	04/15/2025 17:48	WG2490753
Pentachlorophenol	U	<u>J3</u>	0.313	10.0	1	04/15/2025 17:48	WG2490753
Phenol	U		4.33	10.0	1	04/15/2025 17:48	WG2490753
2,4,6-Trichlorophenol	U		0.100	10.0	1	04/15/2025 17:48	WG2490753
<i>(S)</i> 2-Fluorophenol	24.0			10.0-120		04/15/2025 17:48	WG2490753
<i>(S)</i> Phenol-d5	16.2			10.0-120		04/15/2025 17:48	WG2490753
<i>(S)</i> Nitrobenzene-d5	51.9			10.0-127		04/15/2025 17:48	WG2490753
<i>(S)</i> 2-Fluorobiphenyl	57.6			10.0-130		04/15/2025 17:48	WG2490753
<i>(S)</i> 2,4,6-Tribromophenol	46.0			10.0-155		04/15/2025 17:48	WG2490753
<i>(S)</i> p-Terphenyl-d14	56.1			10.0-128		04/15/2025 17:48	WG2490753

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Mercury by Method 7470A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Mercury	U		0.0700	0.200	1	04/15/2025 14:19	WG2490796

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Aluminum	28.1	J	16.0	100	1	04/15/2025 14:06	WG2490806
Antimony	0.377	B J	0.310	4.00	1	04/15/2025 14:06	WG2490806
Arsenic	1.16	J	0.120	2.00	1	04/15/2025 14:06	WG2490806
Barium	16.3		0.500	2.00	1	04/15/2025 14:06	WG2490806
Beryllium	U		0.200	2.00	1	04/15/2025 14:06	WG2490806
Cadmium	U		0.120	1.00	1	04/15/2025 14:06	WG2490806
Calcium	245000		92.5	1000	1	04/15/2025 14:06	WG2490806
Chromium	U		0.900	2.00	1	04/15/2025 14:06	WG2490806
Copper	1.39	J	0.700	5.00	1	04/15/2025 14:06	WG2490806
Cobalt	0.441	J	0.100	2.00	1	04/15/2025 14:06	WG2490806
Iron	55.3	J	22.6	100	1	04/15/2025 14:06	WG2490806
Lead	U		0.500	2.00	1	04/15/2025 14:06	WG2490806
Magnesium	193000		82.7	1000	1	04/15/2025 14:06	WG2490806
Manganese	160		0.700	5.00	1	04/15/2025 14:06	WG2490806
Nickel	2.03		0.500	2.00	1	04/15/2025 14:06	WG2490806
Potassium	9910		96.5	2000	1	04/15/2025 14:06	WG2490806
Selenium	12.1		0.250	2.00	1	04/15/2025 14:06	WG2490806
Silver	U		0.110	2.00	1	04/15/2025 14:06	WG2490806
Sodium	448000		142	2000	1	04/15/2025 14:06	WG2490806
Thallium	U		0.130	2.00	1	04/15/2025 14:06	WG2490806
Vanadium	1.77	J	0.520	5.00	1	04/15/2025 14:06	WG2490806
Zinc	U		4.00	25.0	1	04/15/2025 14:06	WG2490806

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TPH (GC/FID) Low Fraction	U		31.4	100	1	04/15/2025 14:43	WG2490894
(S) <i>a,a,a</i> -Trifluorotoluene(FID)	99.6			78.0-120		04/15/2025 14:43	WG2490894

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	C3 J3	11.3	50.0	1	04/15/2025 11:09	WG2490855
Acrolein	U	C3 J3	2.54	50.0	1	04/15/2025 11:09	WG2490855
Acrylonitrile	U		0.671	10.0	1	04/15/2025 11:09	WG2490855
Benzene	U		0.0941	1.00	1	04/15/2025 11:09	WG2490855
Bromobenzene	U		0.118	1.00	1	04/15/2025 11:09	WG2490855
Bromodichloromethane	U		0.136	1.00	1	04/15/2025 11:09	WG2490855
Bromoform	U		0.129	1.00	1	04/15/2025 11:09	WG2490855
Bromomethane	U		0.605	5.00	1	04/15/2025 11:09	WG2490855
n-Butylbenzene	U		0.157	1.00	1	04/15/2025 11:09	WG2490855
sec-Butylbenzene	U		0.125	1.00	1	04/15/2025 11:09	WG2490855
tert-Butylbenzene	U		0.127	1.00	1	04/15/2025 11:09	WG2490855
Carbon tetrachloride	U		0.128	1.00	1	04/15/2025 11:09	WG2490855
Chlorobenzene	U		0.116	1.00	1	04/15/2025 11:09	WG2490855
Chlorodibromomethane	U		0.140	1.00	1	04/15/2025 11:09	WG2490855
Chloroethane	U		0.192	5.00	1	04/15/2025 11:09	WG2490855
Chloroform	U		0.111	5.00	1	04/15/2025 11:09	WG2490855
Chloromethane	U		0.960	2.50	1	04/15/2025 11:09	WG2490855

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
2-Chlorotoluene	U		0.106	1.00	1	04/15/2025 11:09	WG2490855
4-Chlorotoluene	U		0.114	1.00	1	04/15/2025 11:09	WG2490855
1,2-Dibromo-3-Chloropropane	U	C3	0.276	5.00	1	04/15/2025 11:09	WG2490855
1,2-Dibromoethane	U		0.126	1.00	1	04/15/2025 11:09	WG2490855
Dibromomethane	U		0.122	1.00	1	04/15/2025 11:09	WG2490855
1,2-Dichlorobenzene	U		0.107	1.00	1	04/15/2025 11:09	WG2490855
1,3-Dichlorobenzene	U		0.110	1.00	1	04/15/2025 11:09	WG2490855
1,4-Dichlorobenzene	U		0.120	1.00	1	04/15/2025 11:09	WG2490855
Dichlorodifluoromethane	U		0.374	5.00	1	04/15/2025 11:09	WG2490855
1,1-Dichloroethane	U		0.100	1.00	1	04/15/2025 11:09	WG2490855
1,2-Dichloroethane	U		0.0819	1.00	1	04/15/2025 11:09	WG2490855
1,1-Dichloroethene	U		0.188	1.00	1	04/15/2025 11:09	WG2490855
cis-1,2-Dichloroethene	U		0.126	1.00	1	04/15/2025 11:09	WG2490855
trans-1,2-Dichloroethene	U		0.149	1.00	1	04/15/2025 11:09	WG2490855
1,2-Dichloropropane	U		0.149	1.00	1	04/15/2025 11:09	WG2490855
1,1-Dichloropropene	U		0.142	1.00	1	04/15/2025 11:09	WG2490855
1,3-Dichloropropane	U		0.110	1.00	1	04/15/2025 11:09	WG2490855
cis-1,3-Dichloropropene	U		0.111	1.00	1	04/15/2025 11:09	WG2490855
trans-1,3-Dichloropropene	U		0.118	1.00	1	04/15/2025 11:09	WG2490855
2,2-Dichloropropane	U		0.161	1.00	1	04/15/2025 11:09	WG2490855
Di-isopropyl ether	U		0.105	1.00	1	04/15/2025 11:09	WG2490855
Ethylbenzene	U		0.137	1.00	1	04/15/2025 11:09	WG2490855
Hexachloro-1,3-butadiene	U		0.337	1.00	1	04/15/2025 11:09	WG2490855
Isopropylbenzene	U		0.105	1.00	1	04/15/2025 11:09	WG2490855
p-Isopropyltoluene	U		0.120	1.00	1	04/15/2025 11:09	WG2490855
2-Butanone (MEK)	U	C3 J3	1.19	10.0	1	04/15/2025 11:09	WG2490855
Methylene Chloride	U		0.430	5.00	1	04/15/2025 11:09	WG2490855
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	04/15/2025 11:09	WG2490855
Methyl tert-butyl ether	U		0.101	1.00	1	04/15/2025 11:09	WG2490855
Naphthalene	U	C3	1.00	5.00	1	04/15/2025 11:09	WG2490855
n-Propylbenzene	U		0.0993	1.00	1	04/15/2025 11:09	WG2490855
Styrene	U		0.118	1.00	1	04/15/2025 11:09	WG2490855
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	04/15/2025 11:09	WG2490855
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	04/15/2025 11:09	WG2490855
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	04/15/2025 11:09	WG2490855
Tetrachloroethene	U		0.300	1.00	1	04/15/2025 11:09	WG2490855
Toluene	U		0.278	1.00	1	04/15/2025 11:09	WG2490855
1,2,3-Trichlorobenzene	U		0.230	1.00	1	04/15/2025 11:09	WG2490855
1,2,4-Trichlorobenzene	U		0.481	1.00	1	04/15/2025 11:09	WG2490855
1,1,1-Trichloroethane	U		0.149	1.00	1	04/15/2025 11:09	WG2490855
1,1,2-Trichloroethane	U		0.158	1.00	1	04/15/2025 11:09	WG2490855
Trichloroethene	U		0.190	1.00	1	04/15/2025 11:09	WG2490855
Trichlorofluoromethane	U		0.160	5.00	1	04/15/2025 11:09	WG2490855
1,2,3-Trichloropropane	U		0.237	2.50	1	04/15/2025 11:09	WG2490855
1,2,4-Trimethylbenzene	U		0.322	1.00	1	04/15/2025 11:09	WG2490855
1,2,3-Trimethylbenzene	U		0.104	1.00	1	04/15/2025 11:09	WG2490855
1,3,5-Trimethylbenzene	U		0.104	1.00	1	04/15/2025 11:09	WG2490855
Vinyl chloride	U	J4	0.234	1.00	1	04/15/2025 11:09	WG2490855
Xylenes, Total	U		0.174	3.00	1	04/15/2025 11:09	WG2490855
(S) Toluene-d8	113			80.0-120		04/15/2025 11:09	WG2490855
(S) 4-Bromofluorobenzene	98.9			77.0-126		04/15/2025 11:09	WG2490855
(S) 1,2-Dichloroethane-d4	104			70.0-130		04/15/2025 11:09	WG2490855

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
C10-C28 Diesel Range	U		60.5	100	1	04/15/2025 15:39	WG2490756
C28-C36 Motor Oil Range	145		77.2	100	1	04/15/2025 15:39	WG2490756
(S) o-Terphenyl	91.1			52.0-156		04/15/2025 15:39	WG2490756

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acenaphthene	U		0.0886	1.00	1	04/15/2025 18:09	WG2490753
Acenaphthylene	U		0.0921	1.00	1	04/15/2025 18:09	WG2490753
Anthracene	U	<u>J3</u>	0.0804	1.00	1	04/15/2025 18:09	WG2490753
Benzidine	U	<u>J4</u>	3.74	10.0	1	04/15/2025 18:09	WG2490753
Benzo(a)anthracene	U	<u>J3</u>	0.199	1.00	1	04/15/2025 18:09	WG2490753
Benzo(b)fluoranthene	U	<u>J3</u>	0.130	1.00	1	04/15/2025 18:09	WG2490753
Benzo(k)fluoranthene	U	<u>J3</u>	0.120	1.00	1	04/15/2025 18:09	WG2490753
Benzo(g,h,i)perylene	U	<u>J3</u>	0.121	1.00	1	04/15/2025 18:09	WG2490753
Benzo(a)pyrene	U	<u>J3</u>	0.0381	1.00	1	04/15/2025 18:09	WG2490753
Bis(2-chloroethoxy)methane	U		0.116	10.0	1	04/15/2025 18:09	WG2490753
Bis(2-chloroethyl)ether	U		0.137	10.0	1	04/15/2025 18:09	WG2490753
2,2-Oxybis(1-Chloropropane)	U	<u>C3</u>	0.210	10.0	1	04/15/2025 18:09	WG2490753
4-Bromophenyl-phenylether	U	<u>J3</u>	0.0877	10.0	1	04/15/2025 18:09	WG2490753
2-Chloronaphthalene	U		0.0648	1.00	1	04/15/2025 18:09	WG2490753
4-Chlorophenyl-phenylether	U		0.0926	10.0	1	04/15/2025 18:09	WG2490753
Chrysene	U	<u>J3</u>	0.130	1.00	1	04/15/2025 18:09	WG2490753
Dibenz(a,h)anthracene	U	<u>J3</u>	0.0644	1.00	1	04/15/2025 18:09	WG2490753
1,2-Dichlorobenzene	U		0.0713	10.0	1	04/15/2025 18:09	WG2490753
1,3-Dichlorobenzene	U		0.132	10.0	1	04/15/2025 18:09	WG2490753
1,4-Dichlorobenzene	U		0.0942	10.0	1	04/15/2025 18:09	WG2490753
3,3-Dichlorobenzidine	U		0.212	10.0	1	04/15/2025 18:09	WG2490753
2,4-Dinitrotoluene	U		0.0983	10.0	1	04/15/2025 18:09	WG2490753
2,6-Dinitrotoluene	U		0.250	10.0	1	04/15/2025 18:09	WG2490753
Fluoranthene	U	<u>J3</u>	0.102	1.00	1	04/15/2025 18:09	WG2490753
Fluorene	U		0.0844	1.00	1	04/15/2025 18:09	WG2490753
Hexachlorobenzene	U	<u>J3</u>	0.0755	1.00	1	04/15/2025 18:09	WG2490753
Hexachloro-1,3-butadiene	U		0.0968	10.0	1	04/15/2025 18:09	WG2490753
Hexachlorocyclopentadiene	U	<u>C7</u>	0.0598	10.0	1	04/15/2025 18:09	WG2490753
Hexachloroethane	U		0.127	10.0	1	04/15/2025 18:09	WG2490753
Indeno(1,2,3-cd)pyrene	U	<u>J3</u>	0.279	1.00	1	04/15/2025 18:09	WG2490753
Isophorone	U		0.143	10.0	1	04/15/2025 18:09	WG2490753
Naphthalene	U		0.159	1.00	1	04/15/2025 18:09	WG2490753
Nitrobenzene	U		0.297	10.0	1	04/15/2025 18:09	WG2490753
n-Nitrosodimethylamine	U	<u>C3</u>	0.998	10.0	1	04/15/2025 18:09	WG2490753
n-Nitrosodiphenylamine	U		2.37	10.0	1	04/15/2025 18:09	WG2490753
n-Nitrosodi-n-propylamine	U	<u>C3</u>	0.261	10.0	1	04/15/2025 18:09	WG2490753
Phenanthrene	U		0.112	1.00	1	04/15/2025 18:09	WG2490753
Benzylbutyl phthalate	U	<u>J3</u>	0.765	3.00	1	04/15/2025 18:09	WG2490753
Bis(2-ethylhexyl)phthalate	U	<u>J3</u>	0.895	3.00	1	04/15/2025 18:09	WG2490753
Di-n-butyl phthalate	U		0.453	3.00	1	04/15/2025 18:09	WG2490753
Diethyl phthalate	U	<u>J3</u>	0.287	3.00	1	04/15/2025 18:09	WG2490753
Dimethyl phthalate	U	<u>J3</u>	0.260	3.00	1	04/15/2025 18:09	WG2490753
Di-n-octyl phthalate	U	<u>J3</u>	0.932	3.00	1	04/15/2025 18:09	WG2490753
Pyrene	U	<u>J3</u>	0.107	1.00	1	04/15/2025 18:09	WG2490753
1,2,4-Trichlorobenzene	U		0.0698	10.0	1	04/15/2025 18:09	WG2490753
4-Chloro-3-methylphenol	U		0.131	10.0	1	04/15/2025 18:09	WG2490753
2-Chlorophenol	U		0.133	10.0	1	04/15/2025 18:09	WG2490753
2,4-Dichlorophenol	U		0.102	10.0	1	04/15/2025 18:09	WG2490753
2,4-Dimethylphenol	U	<u>C3</u>	0.0636	10.0	1	04/15/2025 18:09	WG2490753

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 8270E

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
4,6-Dinitro-2-methylphenol	U		1.12	10.0	1	04/15/2025 18:09	WG2490753
2,4-Dinitrophenol	U		5.93	10.0	1	04/15/2025 18:09	WG2490753
2-Nitrophenol	U		0.117	10.0	1	04/15/2025 18:09	WG2490753
4-Nitrophenol	U		0.143	10.0	1	04/15/2025 18:09	WG2490753
Pentachlorophenol	U	<u>J3</u>	0.313	10.0	1	04/15/2025 18:09	WG2490753
Phenol	U		4.33	10.0	1	04/15/2025 18:09	WG2490753
2,4,6-Trichlorophenol	U		0.100	10.0	1	04/15/2025 18:09	WG2490753
<i>(S)</i> 2-Fluorophenol	33.7			10.0-120		04/15/2025 18:09	WG2490753
<i>(S)</i> Phenol-d5	21.6			10.0-120		04/15/2025 18:09	WG2490753
<i>(S)</i> Nitrobenzene-d5	59.8			10.0-127		04/15/2025 18:09	WG2490753
<i>(S)</i> 2-Fluorobiphenyl	66.0			10.0-130		04/15/2025 18:09	WG2490753
<i>(S)</i> 2,4,6-Tribromophenol	63.2			10.0-155		04/15/2025 18:09	WG2490753
<i>(S)</i> p-Terphenyl-d14	57.4			10.0-128		04/15/2025 18:09	WG2490753

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

Method Blank (MB)

(MB) R4199859-1 04/15/25 13:40

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Mercury	U		0.0700	0.200

1 Cp

2 Tc

3 Ss

Laboratory Control Sample (LCS)

(LCS) R4199859-2 04/15/25 13:43

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Mercury	3.00	2.78	92.7	80.0-120	

4 Cn

5 Sr

L1847688-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1847688-07 04/15/25 13:46 • (MS) R4199859-4 04/15/25 13:51 • (MSD) R4199859-5 04/15/25 13:53

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Mercury	3.00	U	2.79	2.78	93.1	92.7	1	75.0-125			0.448	20

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4199804-2 04/15/25 13:14

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Aluminum	U		16.0	100
Antimony	0.913	U	0.310	4.00
Arsenic	U		0.120	2.00
Barium	U		0.500	2.00
Beryllium	U		0.200	2.00
Cadmium	U		0.120	1.00
Calcium	U		92.5	1000
Chromium	U		0.900	2.00
Copper	U		0.700	5.00
Cobalt	U		0.100	2.00
Iron	U		22.6	100
Lead	U		0.500	2.00
Magnesium	U		82.7	1000
Manganese	U		0.700	5.00
Nickel	U		0.500	2.00
Potassium	U		96.5	2000
Selenium	U		0.250	2.00
Silver	U		0.110	2.00
Sodium	U		142	2000
Thallium	U		0.130	2.00
Vanadium	U		0.520	5.00
Zinc	U		4.00	25.0

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS)

(LCS) R4199804-3 04/15/25 13:17

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aluminum	1000	1020	102	80.0-120	
Antimony	50.0	53.4	107	80.0-120	
Arsenic	50.0	49.0	98.0	80.0-120	
Barium	50.0	48.1	96.2	80.0-120	
Beryllium	50.0	51.2	102	80.0-120	
Cadmium	50.0	50.7	101	80.0-120	
Calcium	5000	5010	100	80.0-120	
Chromium	50.0	49.9	99.8	80.0-120	
Copper	50.0	51.9	104	80.0-120	
Cobalt	50.0	50.4	101	80.0-120	
Iron	1000	959	95.9	80.0-120	

Laboratory Control Sample (LCS)

(LCS) R4199804-3 04/15/25 13:17

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Lead	50.0	47.7	95.3	80.0-120	
Magnesium	5000	4990	99.8	80.0-120	
Manganese	50.0	49.1	98.1	80.0-120	
Nickel	50.0	50.3	101	80.0-120	
Potassium	5000	4790	95.8	80.0-120	
Selenium	50.0	47.5	95.0	80.0-120	
Silver	50.0	52.1	104	80.0-120	
Sodium	5000	5320	106	80.0-120	
Thallium	50.0	46.8	93.6	80.0-120	
Vanadium	50.0	50.0	100	80.0-120	
Zinc	50.0	51.7	103	80.0-120	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1847688-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1847688-01 04/15/25 13:20 • (MS) R4199804-5 04/15/25 13:26 • (MSD) R4199804-6 04/15/25 13:29

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 %
Aluminum	1000	112	1060	1170	95.0	106	1	75.0-125			9.88	20
Antimony	50.0	0.729	53.0	54.9	105	108	1	75.0-125			3.55	20
Arsenic	50.0	1.45	49.0	50.9	95.2	98.9	1	75.0-125			3.76	20
Barium	50.0	33.5	81.8	85.8	96.6	105	1	75.0-125			4.78	20
Beryllium	50.0	U	46.7	48.6	93.4	97.2	1	75.0-125			3.98	20
Cadmium	50.0	U	48.0	49.9	96.1	99.8	1	75.0-125			3.86	20
Calcium	5000	256000	259000	268000	56.3	239	1	75.0-125	V	V	3.48	20
Chromium	50.0	U	47.4	49.2	94.7	98.5	1	75.0-125			3.84	20
Copper	50.0	2.05	48.4	50.2	92.7	96.2	1	75.0-125			3.56	20
Cobalt	50.0	0.942	47.7	49.8	93.5	97.7	1	75.0-125			4.29	20
Iron	1000	130	1020	1110	89.1	97.6	1	75.0-125			8.05	20
Lead	50.0	U	46.1	47.8	92.1	95.6	1	75.0-125			3.72	20
Magnesium	5000	181000	184000	189000	62.4	165	1	75.0-125	V	V	2.75	20
Manganese	50.0	608	651	671	85.6	126	1	75.0-125		V	3.05	20
Nickel	50.0	3.68	49.3	51.1	91.3	94.8	1	75.0-125			3.49	20
Potassium	5000	9860	14200	14900	87.2	99.9	1	75.0-125			4.38	20
Selenium	50.0	8.95	57.7	59.7	97.5	101	1	75.0-125			3.28	20
Silver	50.0	U	49.2	51.6	98.5	103	1	75.0-125			4.77	20
Sodium	5000	333000	332000	351000	0.000	367	1	75.0-125	V	V	5.68	20
Thallium	50.0	U	44.5	46.9	89.0	93.8	1	75.0-125			5.24	20
Vanadium	50.0	1.53	49.8	52.0	96.5	101	1	75.0-125			4.39	20
Zinc	50.0	4.81	47.6	49.6	85.6	89.6	1	75.0-125			4.15	20

Method Blank (MB)

(MB) R4199878-3 04/15/25 11:27

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TPH (GC/FID) Low Fraction	35.2	↓	31.4	100
^(S) a,a,a-Trifluorotoluene(FID)	100			78.0-120

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

(LCS) R4199878-1 04/15/25 09:40 • (LCSD) R4199878-2 04/15/25 10:45

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 %
TPH (GC/FID) Low Fraction	5000	4460	5170	89.2	103	72.0-127			14.7	20
^(S) a,a,a-Trifluorotoluene(FID)				106	107	78.0-120				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4199857-4 04/15/25 11:06

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Acrolein	U		2.54	50.0
Acrylonitrile	U		0.671	10.0
Benzene	U		0.0941	1.00
Bromobenzene	U		0.118	1.00
Bromodichloromethane	U		0.136	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
n-Butylbenzene	U		0.157	1.00
sec-Butylbenzene	U		0.125	1.00
tert-Butylbenzene	U		0.127	1.00
Carbon tetrachloride	U		0.128	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
2-Chlorotoluene	U		0.106	1.00
4-Chlorotoluene	U		0.114	1.00
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dibromoethane	U		0.126	1.00
Dibromomethane	U		0.122	1.00
1,2-Dichlorobenzene	U		0.107	1.00
1,3-Dichlorobenzene	U		0.110	1.00
1,4-Dichlorobenzene	U		0.120	1.00
Dichlorodifluoromethane	U		0.374	5.00
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
1,1-Dichloropropene	U		0.142	1.00
1,3-Dichloropropane	U		0.110	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
2,2-Dichloropropane	U		0.161	1.00
Di-isopropyl ether	U		0.105	1.00
Ethylbenzene	U		0.137	1.00
Hexachloro-1,3-butadiene	U		0.337	1.00

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4199857-4 04/15/25 11:06

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Isopropylbenzene	U		0.105	1.00
p-Isopropyltoluene	U		0.120	1.00
2-Butanone (MEK)	U		1.19	10.0
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
n-Propylbenzene	U		0.0993	1.00
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	1.00
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	1.00
1,2,3-Trimethylbenzene	U		0.104	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	109			80.0-120
(S) 4-Bromofluorobenzene	96.8			77.0-126
(S) 1,2-Dichloroethane-d4	96.7			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

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

(LCS) R4199857-1 04/15/25 08:12 • (LCSD) R4199857-2 04/15/25 08:33

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Acetone	25.0	21.0	31.7	84.0	127	19.0-160	J	J J3	40.6	27
Acrolein	25.0	44.9	46.1	180	184	10.0-160	J J4	J J4	2.64	26
Acrylonitrile	25.0	24.7	24.3	98.8	97.2	55.0-149			1.63	20
Benzene	5.00	4.75	4.49	95.0	89.8	70.0-123			5.63	20

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

(LCS) R4199857-1 04/15/25 08:12 • (LCSD) R4199857-2 04/15/25 08:33

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 %
Bromobenzene	5.00	5.39	5.23	108	105	73.0-121			3.01	20
Bromodichloromethane	5.00	4.48	4.31	89.6	86.2	75.0-120			3.87	20
Bromoform	5.00	3.56	3.57	71.2	71.4	68.0-132			0.281	20
Bromomethane	5.00	1.17	1.49	23.4	29.8	10.0-160	U	U	24.1	25
n-Butylbenzene	5.00	5.39	5.47	108	109	73.0-125			1.47	20
sec-Butylbenzene	5.00	5.40	5.33	108	107	75.0-125			1.30	20
tert-Butylbenzene	5.00	5.16	4.94	103	98.8	76.0-124			4.36	20
Carbon tetrachloride	5.00	4.28	4.26	85.6	85.2	68.0-126			0.468	20
Chlorobenzene	5.00	4.41	4.55	88.2	91.0	80.0-121			3.13	20
Chlorodibromomethane	5.00	3.88	3.88	77.6	77.6	77.0-125			0.000	20
Chloroethane	5.00	4.85	5.12	97.0	102	47.0-150	U		5.42	20
Chloroform	5.00	4.62	4.63	92.4	92.6	73.0-120	U	U	0.216	20
Chloromethane	5.00	3.91	3.60	78.2	72.0	41.0-142			8.26	20
2-Chlorotoluene	5.00	5.81	5.87	116	117	76.0-123			1.03	20
4-Chlorotoluene	5.00	5.26	4.97	105	99.4	75.0-122			5.67	20
1,2-Dibromo-3-Chloropropane	5.00	4.06	4.10	81.2	82.0	58.0-134	U	U	0.980	20
1,2-Dibromoethane	5.00	4.34	4.41	86.8	88.2	80.0-122			1.60	20
Dibromomethane	5.00	4.45	4.28	89.0	85.6	80.0-120			3.89	20
1,2-Dichlorobenzene	5.00	4.90	5.03	98.0	101	79.0-121			2.62	20
1,3-Dichlorobenzene	5.00	4.83	4.91	96.6	98.2	79.0-120			1.64	20
1,4-Dichlorobenzene	5.00	4.86	4.77	97.2	95.4	79.0-120			1.87	20
Dichlorodifluoromethane	5.00	5.59	5.34	112	107	51.0-149			4.57	20
1,1-Dichloroethane	5.00	4.65	4.34	93.0	86.8	70.0-126			6.90	20
1,2-Dichloroethane	5.00	4.60	4.45	92.0	89.0	70.0-128			3.31	20
1,1-Dichloroethene	5.00	4.46	4.45	89.2	89.0	71.0-124			0.224	20
cis-1,2-Dichloroethene	5.00	4.24	4.22	84.8	84.4	73.0-120			0.473	20
trans-1,2-Dichloroethene	5.00	4.45	4.66	89.0	93.2	73.0-120			4.61	20
1,2-Dichloropropane	5.00	4.35	4.53	87.0	90.6	77.0-125			4.05	20
1,1-Dichloropropene	5.00	5.02	5.05	100	101	74.0-126			0.596	20
1,3-Dichloropropane	5.00	4.78	4.87	95.6	97.4	80.0-120			1.87	20
cis-1,3-Dichloropropene	5.00	4.20	4.27	84.0	85.4	80.0-123			1.65	20
trans-1,3-Dichloropropene	5.00	4.39	4.38	87.8	87.6	78.0-124			0.228	20
2,2-Dichloropropane	5.00	4.43	4.29	88.6	85.8	58.0-130			3.21	20
Di-isopropyl ether	5.00	4.49	4.48	89.8	89.6	58.0-138			0.223	20
Ethylbenzene	5.00	4.54	4.54	90.8	90.8	79.0-123			0.000	20
Hexachloro-1,3-butadiene	5.00	5.65	5.23	113	105	54.0-138			7.72	20
Isopropylbenzene	5.00	4.47	4.52	89.4	90.4	76.0-127			1.11	20
p-Isopropyltoluene	5.00	5.20	5.09	104	102	76.0-125			2.14	20
2-Butanone (MEK)	25.0	26.3	30.8	105	123	44.0-160			15.8	20
Methylene Chloride	5.00	4.51	4.25	90.2	85.0	67.0-120	U	U	5.94	20

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) R4199857-1 04/15/25 08:12 • (LCSD) R4199857-2 04/15/25 08:33

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 %
4-Methyl-2-pentanone (MIBK)	25.0	25.2	25.4	101	102	68.0-142			0.791	20
Methyl tert-butyl ether	5.00	4.74	4.54	94.8	90.8	68.0-125			4.31	20
Naphthalene	5.00	3.95	4.02	79.0	80.4	54.0-135	↓	↓	1.76	20
n-Propylbenzene	5.00	5.55	5.47	111	109	77.0-124			1.45	20
Styrene	5.00	4.09	4.13	81.8	82.6	73.0-130			0.973	20
1,1,1,2-Tetrachloroethane	5.00	4.38	4.21	87.6	84.2	75.0-125			3.96	20
1,1,2,2-Tetrachloroethane	5.00	5.16	5.37	103	107	65.0-130			3.99	20
1,1,2-Trichlorotrifluoroethane	5.00	4.68	4.38	93.6	87.6	69.0-132			6.62	20
Tetrachloroethene	5.00	4.75	4.76	95.0	95.2	72.0-132			0.210	20
Toluene	5.00	4.70	4.56	94.0	91.2	79.0-120			3.02	20
1,2,3-Trichlorobenzene	5.00	4.90	4.90	98.0	98.0	50.0-138			0.000	20
1,2,4-Trichlorobenzene	5.00	4.73	4.68	94.6	93.6	57.0-137			1.06	20
1,1,1-Trichloroethane	5.00	4.66	4.51	93.2	90.2	73.0-124			3.27	20
1,1,2-Trichloroethane	5.00	4.78	4.68	95.6	93.6	80.0-120			2.11	20
Trichloroethene	5.00	4.41	4.38	88.2	87.6	78.0-124			0.683	20
Trichlorofluoromethane	5.00	4.63	4.38	92.6	87.6	59.0-147	↓	↓	5.55	20
1,2,3-Trichloropropane	5.00	5.34	5.33	107	107	73.0-130			0.187	20
1,2,4-Trimethylbenzene	5.00	5.32	5.12	106	102	76.0-121			3.83	20
1,2,3-Trimethylbenzene	5.00	5.34	5.15	107	103	77.0-120			3.62	20
1,3,5-Trimethylbenzene	5.00	4.95	4.96	99.0	99.2	76.0-122			0.202	20
Vinyl chloride	5.00	4.71	4.35	94.2	87.0	67.0-131			7.95	20
Xylenes, Total	15.0	13.5	13.5	90.0	90.0	79.0-123			0.000	20
(S) Toluene-d8				103	103	80.0-120				
(S) 4-Bromofluorobenzene				90.8	90.9	77.0-126				
(S) 1,2-Dichloroethane-d4				98.0	96.2	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) R4199773-3 04/15/25 09:30

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Acrolein	U		2.54	50.0
Acrylonitrile	U		0.671	10.0
Benzene	U		0.0941	1.00
Bromobenzene	U		0.118	1.00
Bromodichloromethane	U		0.136	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
n-Butylbenzene	U		0.157	1.00
sec-Butylbenzene	U		0.125	1.00
tert-Butylbenzene	U		0.127	1.00
Carbon tetrachloride	U		0.128	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
2-Chlorotoluene	U		0.106	1.00
4-Chlorotoluene	U		0.114	1.00
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dibromoethane	U		0.126	1.00
Dibromomethane	U		0.122	1.00
1,2-Dichlorobenzene	U		0.107	1.00
1,3-Dichlorobenzene	U		0.110	1.00
1,4-Dichlorobenzene	U		0.120	1.00
Dichlorodifluoromethane	U		0.374	5.00
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
1,1-Dichloropropene	U		0.142	1.00
1,3-Dichloropropane	U		0.110	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
2,2-Dichloropropane	U		0.161	1.00
Di-isopropyl ether	U		0.105	1.00
Ethylbenzene	U		0.137	1.00
Hexachloro-1,3-butadiene	U		0.337	1.00

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4199773-3 04/15/25 09:30

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Isopropylbenzene	U		0.105	1.00
p-Isopropyltoluene	U		0.120	1.00
2-Butanone (MEK)	U		1.19	10.0
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
n-Propylbenzene	U		0.0993	1.00
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	1.00
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	1.00
1,2,3-Trimethylbenzene	U		0.104	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	109			80.0-120
(S) 4-Bromofluorobenzene	97.8			77.0-126
(S) 1,2-Dichloroethane-d4	102			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

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

(LCS) R4199773-1 04/15/25 08:19 • (LCSD) R4199773-2 04/15/25 08:43

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Acetone	25.0	12.5	20.8	50.0	83.2	19.0-160	J	J J3	49.8	27
Acrolein	25.0	8.17	5.61	32.7	22.4	10.0-160	J	J J3	37.2	26
Acrylonitrile	25.0	27.2	27.1	109	108	55.0-149			0.368	20
Benzene	5.00	4.88	4.85	97.6	97.0	70.0-123			0.617	20

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

(LCS) R4199773-1 04/15/25 08:19 • (LCSD) R4199773-2 04/15/25 08:43

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 %
Bromobenzene	5.00	5.04	5.03	101	101	73.0-121			0.199	20
Bromodichloromethane	5.00	5.05	4.75	101	95.0	75.0-120			6.12	20
Bromoform	5.00	4.40	4.57	88.0	91.4	68.0-132			3.79	20
Bromomethane	5.00	6.19	5.63	124	113	10.0-160			9.48	25
n-Butylbenzene	5.00	4.94	4.93	98.8	98.6	73.0-125			0.203	20
sec-Butylbenzene	5.00	5.20	5.10	104	102	75.0-125			1.94	20
tert-Butylbenzene	5.00	4.78	4.63	95.6	92.6	76.0-124			3.19	20
Carbon tetrachloride	5.00	5.19	4.69	104	93.8	68.0-126			10.1	20
Chlorobenzene	5.00	4.85	4.90	97.0	98.0	80.0-121			1.03	20
Chlorodibromomethane	5.00	4.64	4.62	92.8	92.4	77.0-125			0.432	20
Chloroethane	5.00	7.34	6.93	147	139	47.0-150			5.75	20
Chloroform	5.00	4.76	4.78	95.2	95.6	73.0-120	U	U	0.419	20
Chloromethane	5.00	5.13	5.08	103	102	41.0-142			0.979	20
2-Chlorotoluene	5.00	4.92	4.78	98.4	95.6	76.0-123			2.89	20
4-Chlorotoluene	5.00	4.73	4.77	94.6	95.4	75.0-122			0.842	20
1,2-Dibromo-3-Chloropropane	5.00	3.82	3.80	76.4	76.0	58.0-134	U	U	0.525	20
1,2-Dibromoethane	5.00	4.78	4.77	95.6	95.4	80.0-122			0.209	20
Dibromomethane	5.00	4.92	4.67	98.4	93.4	80.0-120			5.21	20
1,2-Dichlorobenzene	5.00	4.54	4.48	90.8	89.6	79.0-121			1.33	20
1,3-Dichlorobenzene	5.00	4.65	4.77	93.0	95.4	79.0-120			2.55	20
1,4-Dichlorobenzene	5.00	4.80	4.85	96.0	97.0	79.0-120			1.04	20
Dichlorodifluoromethane	5.00	7.33	7.35	147	147	51.0-149			0.272	20
1,1-Dichloroethane	5.00	5.10	4.92	102	98.4	70.0-126			3.59	20
1,2-Dichloroethane	5.00	4.98	4.81	99.6	96.2	70.0-128			3.47	20
1,1-Dichloroethene	5.00	5.01	4.73	100	94.6	71.0-124			5.75	20
cis-1,2-Dichloroethene	5.00	4.56	4.59	91.2	91.8	73.0-120			0.656	20
trans-1,2-Dichloroethene	5.00	4.61	4.64	92.2	92.8	73.0-120			0.649	20
1,2-Dichloropropane	5.00	5.23	4.83	105	96.6	77.0-125			7.95	20
1,1-Dichloropropene	5.00	5.21	5.08	104	102	74.0-126			2.53	20
1,3-Dichloropropane	5.00	4.94	4.97	98.8	99.4	80.0-120			0.605	20
cis-1,3-Dichloropropene	5.00	4.09	4.05	81.8	81.0	80.0-123			0.983	20
trans-1,3-Dichloropropene	5.00	4.17	4.23	83.4	84.6	78.0-124			1.43	20
2,2-Dichloropropane	5.00	4.60	4.27	92.0	85.4	58.0-130			7.44	20
Di-isopropyl ether	5.00	4.83	4.80	96.6	96.0	58.0-138			0.623	20
Ethylbenzene	5.00	4.85	4.97	97.0	99.4	79.0-123			2.44	20
Hexachloro-1,3-butadiene	5.00	4.61	4.51	92.2	90.2	54.0-138			2.19	20
Isopropylbenzene	5.00	4.81	4.79	96.2	95.8	76.0-127			0.417	20
p-Isopropyltoluene	5.00	4.75	4.87	95.0	97.4	76.0-125			2.49	20
2-Butanone (MEK)	25.0	18.6	24.0	74.4	96.0	44.0-160		U3	25.4	20
Methylene Chloride	5.00	4.39	4.47	87.8	89.4	67.0-120	U	U	1.81	20

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) R4199773-1 04/15/25 08:19 • (LCSD) R4199773-2 04/15/25 08:43

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 %
4-Methyl-2-pentanone (MIBK)	25.0	25.9	26.4	104	106	68.0-142			1.91	20
Methyl tert-butyl ether	5.00	4.32	4.21	86.4	84.2	68.0-125			2.58	20
Naphthalene	5.00	3.63	3.79	72.6	75.8	54.0-135	J	J	4.31	20
n-Propylbenzene	5.00	4.84	4.93	96.8	98.6	77.0-124			1.84	20
Styrene	5.00	4.64	4.71	92.8	94.2	73.0-130			1.50	20
1,1,1,2-Tetrachloroethane	5.00	4.50	4.62	90.0	92.4	75.0-125			2.63	20
1,1,2,2-Tetrachloroethane	5.00	5.14	4.89	103	97.8	65.0-130			4.99	20
1,1,2-Trichlorotrifluoroethane	5.00	5.13	4.77	103	95.4	69.0-132			7.27	20
Tetrachloroethene	5.00	4.84	5.13	96.8	103	72.0-132			5.82	20
Toluene	5.00	5.02	5.02	100	100	79.0-120			0.000	20
1,2,3-Trichlorobenzene	5.00	4.16	4.13	83.2	82.6	50.0-138			0.724	20
1,2,4-Trichlorobenzene	5.00	4.21	4.31	84.2	86.2	57.0-137			2.35	20
1,1,1-Trichloroethane	5.00	4.99	5.13	99.8	103	73.0-124			2.77	20
1,1,2-Trichloroethane	5.00	5.01	4.96	100	99.2	80.0-120			1.00	20
Trichloroethene	5.00	4.56	4.48	91.2	89.6	78.0-124			1.77	20
Trichlorofluoromethane	5.00	6.02	5.33	120	107	59.0-147			12.2	20
1,2,3-Trichloropropane	5.00	4.85	4.91	97.0	98.2	73.0-130			1.23	20
1,2,4-Trimethylbenzene	5.00	4.69	4.88	93.8	97.6	76.0-121			3.97	20
1,2,3-Trimethylbenzene	5.00	4.80	4.76	96.0	95.2	77.0-120			0.837	20
1,3,5-Trimethylbenzene	5.00	4.53	4.77	90.6	95.4	76.0-122			5.16	20
Vinyl chloride	5.00	6.92	6.52	138	130	67.0-131	J4		5.95	20
Xylenes, Total	15.0	14.4	14.6	96.0	97.3	79.0-123			1.38	20
(S) Toluene-d8				104	107	80.0-120				
(S) 4-Bromofluorobenzene				97.4	99.0	77.0-126				
(S) 1,2-Dichloroethane-d4				98.4	99.1	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) R4199994-1 04/15/25 12:17

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
C10-C28 Diesel Range	U		60.5	100
C28-C36 Motor Oil Range	U		77.2	100
(S) o-Terphenyl	79.0			52.0-156

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

(LCS) R4199994-2 04/15/25 12:38 • (LCSD) R4199994-3 04/15/25 12:58

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 %
C10-C28 Diesel Range	1500	1590	1590	106	106	50.0-150			0.000	20
(S) o-Terphenyl				104	80.5	52.0-156				

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

Method Blank (MB)

(MB) R4200010-3 04/15/25 15:19

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acenaphthene	U		0.0886	1.00
Acenaphthylene	U		0.0921	1.00
Anthracene	U		0.0804	1.00
Benzidine	U		3.74	10.0
Benzo(a)anthracene	U		0.199	1.00
Benzo(b)fluoranthene	U		0.130	1.00
Benzo(k)fluoranthene	U		0.120	1.00
Benzo(g,h,i)perylene	U		0.121	1.00
Benzo(a)pyrene	U		0.0381	1.00
Bis(2-chloroethoxy)methane	U		0.116	10.0
Bis(2-chloroethyl)ether	U		0.137	10.0
2,2-Oxybis(1-Chloropropane)	U		0.210	10.0
4-Bromophenyl-phenylether	U		0.0877	10.0
2-Chloronaphthalene	U		0.0648	1.00
4-Chlorophenyl-phenylether	U		0.0926	10.0
Chrysene	U		0.130	1.00
Dibenz(a,h)anthracene	U		0.0644	1.00
1,2-Dichlorobenzene	U		0.0713	10.0
1,3-Dichlorobenzene	U		0.132	10.0
1,4-Dichlorobenzene	U		0.0942	10.0
3,3-Dichlorobenzidine	U		0.212	10.0
2,4-Dinitrotoluene	U		0.0983	10.0
2,6-Dinitrotoluene	U		0.250	10.0
Fluoranthene	U		0.102	1.00
Fluorene	U		0.0844	1.00
Hexachlorobenzene	U		0.0755	1.00
Hexachloro-1,3-butadiene	U		0.0968	10.0
Hexachlorocyclopentadiene	U		0.0598	10.0
Hexachloroethane	U		0.127	10.0
Indeno(1,2,3-cd)pyrene	U		0.279	1.00
Isophorone	U		0.143	10.0
Naphthalene	U		0.159	1.00
Nitrobenzene	U		0.297	10.0
n-Nitrosodimethylamine	U		0.998	10.0
n-Nitrosodiphenylamine	U		2.37	10.0
n-Nitrosodi-n-propylamine	U		0.261	10.0
Phenanthrene	U		0.112	1.00
Benzylbutyl phthalate	U		0.765	3.00
Bis(2-ethylhexyl)phthalate	U		0.895	3.00
Di-n-butyl phthalate	U		0.453	3.00

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4200010-3 04/15/25 15:19

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Diethyl phthalate	U		0.287	3.00
Dimethyl phthalate	U		0.260	3.00
Di-n-octyl phthalate	U		0.932	3.00
Pyrene	U		0.107	1.00
1,2,4-Trichlorobenzene	U		0.0698	10.0
4-Chloro-3-methylphenol	U		0.131	10.0
2-Chlorophenol	U		0.133	10.0
2,4-Dichlorophenol	U		0.102	10.0
2,4-Dimethylphenol	U		0.0636	10.0
4,6-Dinitro-2-methylphenol	U		1.12	10.0
2,4-Dinitrophenol	U		5.93	10.0
2-Nitrophenol	U		0.117	10.0
4-Nitrophenol	U		0.143	10.0
Pentachlorophenol	U		0.313	10.0
Phenol	U		4.33	10.0
2,4,6-Trichlorophenol	U		0.100	10.0
(S) 2-Fluorophenol	28.4			10.0-120
(S) Phenol-d5	17.8			10.0-120
(S) Nitrobenzene-d5	52.7			10.0-127
(S) 2-Fluorobiphenyl	61.2			10.0-130
(S) 2,4,6-Tribromophenol	41.5			10.0-155
(S) p-Terphenyl-d14	58.3			10.0-128

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

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

(LCS) R4200010-1 04/15/25 14:37 • (LCSD) R4200010-2 04/15/25 14:58

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Acenaphthene	50.0	38.1	31.5	76.2	63.0	41.0-120			19.0	22
Acenaphthylene	50.0	42.1	34.6	84.2	69.2	43.0-120			19.6	22
Anthracene	50.0	36.8	29.8	73.6	59.6	45.0-120		J3	21.0	20
Benzidine	100	8.75	8.82	8.75	8.82	10.0-120	J J4	J J4	0.797	36
Benzo(a)anthracene	50.0	37.2	29.8	74.4	59.6	47.0-120		J3	22.1	20
Benzo(b)fluoranthene	50.0	38.5	29.4	77.0	58.8	46.0-120		J3	26.8	20
Benzo(k)fluoranthene	50.0	37.2	29.4	74.4	58.8	46.0-120		J3	23.4	21
Benzo(g,h,i)perylene	50.0	38.8	28.4	77.6	56.8	48.0-121		J3	31.0	20
Benzo(a)pyrene	50.0	40.2	30.5	80.4	61.0	47.0-120		J3	27.4	20
Bis(2-chlorethoxy)methane	50.0	30.3	25.7	60.6	51.4	33.0-120			16.4	24
Bis(2-chloroethyl)ether	50.0	31.4	26.5	62.8	53.0	23.0-120			16.9	33

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

(LCS) R4200010-1 04/15/25 14:37 • (LCSD) R4200010-2 04/15/25 14:58

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
2,2-Oxybis(1-Chloropropane)	50.0	26.9	22.4	53.8	44.8	28.0-120			18.3	31
4-Bromophenyl-phenylether	50.0	41.2	33.3	82.4	66.6	45.0-120		J3	21.2	20
2-Chloronaphthalene	50.0	36.4	29.9	72.8	59.8	37.0-120			19.6	25
4-Chlorophenyl-phenylether	50.0	41.0	33.7	82.0	67.4	44.0-120			19.5	20
Chrysene	50.0	35.1	27.7	70.2	55.4	48.0-120		J3	23.6	20
Dibenz(a,h)anthracene	50.0	41.4	30.2	82.8	60.4	47.0-120		J3	31.3	20
1,2-Dichlorobenzene	50.0	32.6	27.1	65.2	54.2	20.0-120			18.4	34
1,3-Dichlorobenzene	50.0	32.4	27.2	64.8	54.4	17.0-120			17.4	35
1,4-Dichlorobenzene	50.0	33.7	28.0	67.4	56.0	18.0-120			18.5	34
3,3-Dichlorobenzidine	100	54.0	47.0	54.0	47.0	44.0-120			13.9	20
2,4-Dinitrotoluene	50.0	44.2	36.5	88.4	73.0	49.0-124			19.1	20
2,6-Dinitrotoluene	50.0	41.6	34.3	83.2	68.6	46.0-120			19.2	21
Fluoranthene	50.0	42.4	34.6	84.8	69.2	51.0-120		J3	20.3	20
Fluorene	50.0	38.5	31.7	77.0	63.4	47.0-120			19.4	20
Hexachlorobenzene	50.0	38.6	31.4	77.2	62.8	44.0-120		J3	20.6	20
Hexachloro-1,3-butadiene	50.0	32.5	27.2	65.0	54.4	19.0-120			17.8	32
Hexachlorocyclopentadiene	50.0	26.5	19.5	53.0	39.0	15.0-120			30.4	31
Hexachloroethane	50.0	31.9	26.3	63.8	52.6	15.0-120			19.2	37
Indeno(1,2,3-cd)pyrene	50.0	41.4	30.4	82.8	60.8	49.0-122		J3	30.6	20
Isophorone	50.0	30.2	25.9	60.4	51.8	36.0-120			15.3	23
Naphthalene	50.0	31.6	27.0	63.2	54.0	27.0-120			15.7	27
Nitrobenzene	50.0	29.8	25.4	59.6	50.8	27.0-120			15.9	29
n-Nitrosodimethylamine	50.0	16.0	12.1	32.0	24.2	10.0-120			27.8	40
n-Nitrosodiphenylamine	50.0	37.2	30.6	74.4	61.2	47.0-120			19.5	20
n-Nitrosodi-n-propylamine	50.0	29.6	24.7	59.2	49.4	31.0-120			18.0	28
Phenanthrene	50.0	35.7	29.2	71.4	58.4	46.0-120			20.0	20
Benzylbutyl phthalate	50.0	37.6	30.5	75.2	61.0	43.0-121		J3	20.9	20
Bis(2-ethylhexyl)phthalate	50.0	37.7	28.9	75.4	57.8	43.0-122		J3	26.4	20
Di-n-butyl phthalate	50.0	42.7	35.2	85.4	70.4	49.0-121			19.3	20
Diethyl phthalate	50.0	39.8	32.5	79.6	65.0	48.0-122		J3	20.2	20
Dimethyl phthalate	50.0	40.1	32.5	80.2	65.0	48.0-120		J3	20.9	20
Di-n-octyl phthalate	50.0	37.3	28.6	74.6	57.2	42.0-125		J3	26.4	20
Pyrene	50.0	32.3	26.0	64.6	52.0	47.0-120		J3	21.6	20
1,2,4-Trichlorobenzene	50.0	34.5	29.2	69.0	58.4	24.0-120			16.6	29
4-Chloro-3-methylphenol	50.0	32.5	27.0	65.0	54.0	40.0-120			18.5	21
2-Chlorophenol	50.0	27.6	22.6	55.2	45.2	25.0-120			19.9	35
2,4-Dichlorophenol	50.0	34.3	28.9	68.6	57.8	36.0-120			17.1	26
2,4-Dimethylphenol	50.0	27.0	22.2	54.0	44.4	33.0-120			19.5	26
4,6-Dinitro-2-methylphenol	50.0	44.7	37.9	89.4	75.8	38.0-138			16.5	25
2,4-Dinitrophenol	50.0	39.5	32.6	79.0	65.2	10.0-120			19.1	39

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) R4200010-1 04/15/25 14:37 • (LCSD) R4200010-2 04/15/25 14:58

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
2-Nitrophenol	50.0	36.6	30.9	73.2	61.8	31.0-120			16.9	29
4-Nitrophenol	50.0	14.6	10.9	29.2	21.8	10.0-120			29.0	33
Pentachlorophenol	50.0	30.2	21.3	60.4	42.6	23.0-120		J3	34.6	25
Phenol	50.0	13.6	10.4	27.2	20.8	10.0-120			26.7	36
2,4,6-Trichlorophenol	50.0	38.9	31.4	77.8	62.8	42.0-120			21.3	23
<i>(S) 2-Fluorophenol</i>				45.6	35.7	10.0-120				
<i>(S) Phenol-d5</i>				30.3	22.6	10.0-120				
<i>(S) Nitrobenzene-d5</i>				66.8	54.3	10.0-127				
<i>(S) 2-Fluorobiphenyl</i>				87.0	68.4	10.0-130				
<i>(S) 2,4,6-Tribromophenol</i>				89.0	69.5	10.0-155				
<i>(S) p-Terphenyl-d14</i>				80.6	58.8	10.0-128				

- 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.
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
B	The same analyte is found in the associated blank.
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
C7	The initial calibration verification standard (SSCV) associated with this data responded high.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
V	The sample concentration is too high to evaluate accurate spike recoveries.

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc

ACCREDITATIONS & LOCATIONS

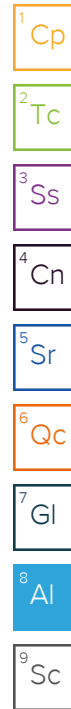
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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: **CTEH - ER**
5120 North Shore Drive
North Little Rock, AR 72118

Billing Information:
Accounts Payable
10700 Prairie Lakes Drive
Eden Prairie, MN 55344

Report to: **CTEH 501-801-8500**

Project Description: **Bishop Loss of Containment Incident | RUSH**

City/State Collected: **Galeton, CO**

Please Circle: **PT (M) CT ET**

Regulatory Program(DOD,RCRA,DW,etc):

Client Project # **PROJ-054017**

Lab Project # **CTEHER-054017**

Collected by (print): **James Sherrick**

Site/Facility ID # **Chevron Galeton, CO**

Collected by (signature): **Jared Sherrick**

Immediately Packed on Ice **N ___ Y X**

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

Date Results Needed

No. of Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	8270 100ml Amb NoPres	DRONMLVI 40mlAmb-HCl-BT	GRO 40mlAmb HCl	TAL Metals 200.8 250mlHDPE-HINO3	V8260 40mlAmb-HCl
GAC00414W001	G	GSW	—	4/14/25	1007	X	X	X	X	X
GAC00414W002	G	GSW	—	4/14/25	1117	X	X	X	X	X
GAC00414W003	G	GSW	—	4/14/25	1214	X	X	X	X	X
GAC00414W004	G	GSW	—	4/14/25	1132	X	X	X	X	X
GAC00414W005	G	GSW	—	4/14/25	1013	X	X	X	X	X
GAC00414W006	G	GSW	—	4/14/25	1222	X	X	X	X	X
GAC00414F001	G	GSW	—	4/14/25	1015	X	X	X	X	X
GAC00414V001	G	GSW	—	4/14/25	1214	X	X	X	X	X
		GW								
		GW								

Chain of Custody Page **1** of **1**

Pace
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/hubs/pas-standard-terms.pdf>

SDG # **L1547636**

G244

Acctnum: **CTEHER**

Template: **T271989**

Prelogin: **P1144503**

PM: **546 - Jared Starkey**

PB:

Shipped Via:

Remarks

Sample # (lab only)

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
 UPS FedEx Courier

Tracking #

Relinquished by: (Signature) **Jared Sherrick** Date: **4/14/25** Time: **1508**

Received by: (Signature) **[Signature]** Trip Blank Received: **Yes/No**
 Yes No
 HCL / MeOH
 TBR

Temp: _____ °C Bottles Received: **50** If prese

Relinquished by: (Signature) **[Signature]** Date: **4-14-25** Time: **1500**

Received by: (Signature) **SWA**

Relinquished by: (Signature) **[Signature]** Date: **4/15/25** Time: **800**

Received for lab by: (Signature) **[Signature]** Date: **4/15/25** Time: **800**

Hold:

Condition: **NCF / OK**

Sample Receipt Checklist

COC Seal Present/Intact: NP Y N

COC Signed/Accurate: Y N

Bottles arrive intact: Y N

Correct bottles used: Y N

Sufficient volume sent: Y N

If Applicable

VOA Zero Headspace: Y N

Preservation Correct/Checked: Y N

RAD Screen <0.5 mR/hr: Y N

PH - 10BDH2361
 TRC - 4072A72

Effective Date:

Multiple Parcel Form

L# U1847198

Parcel Tracking Number	Infrared Thermometer ID	Temperature Reading (°C)	Correction Factor (°C)	Corrected Temperature (°C)	Custody Seal Intact
SV	TLA9	1.4	+0.4	=1.8	Yes / No / Not Present
	TLA9	2.0	+0.4	=2.4	Yes / No / Not Present
	TLA9	0.1	+0.4	=0.5	Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present

an k

4/15/25

Name

Date