



ANALYTICAL REPORT

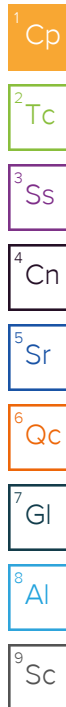
April 12, 2025

Revised Report

CTEH - ER

Sample Delivery Group: L1846446
Samples Received: 04/11/2025
Project Number: PROJ-054017
Description: Bishop Loss of Containment Incident

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

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

SAMPLE SUMMARY

GACO0410W006 L1846446-01 GW

Collected by
Carey Neal

Collected date/time
04/10/25 12:38

Received date/time
04/11/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7470A	WG2488223	1	04/11/25 11:05	04/11/25 13:59	NDL	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2488198	1	04/11/25 10:48	04/11/25 12:20	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2488226	1	04/11/25 12:08	04/11/25 12:08	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2488236	1	04/11/25 11:38	04/11/25 11:38	KST	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2488209	1	04/11/25 10:52	04/11/25 13:21	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2488206	1	04/11/25 10:57	04/11/25 16:54	JRM	Mt. Juliet, TN



GACO0410W005 L1846446-02 GW

Collected by
Carey Neal

Collected date/time
04/10/25 15:56

Received date/time
04/11/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7470A	WG2488223	1	04/11/25 11:05	04/11/25 14:02	NDL	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2488198	1	04/11/25 10:48	04/11/25 12:33	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2488226	1	04/11/25 12:31	04/11/25 12:31	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2488236	1	04/11/25 11:59	04/11/25 11:59	KST	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2488209	1	04/11/25 10:52	04/11/25 13:41	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2488206	1	04/11/25 10:57	04/11/25 20:48	JRM	Mt. Juliet, TN

GACO0410W004 L1846446-03 GW

Collected by
Carey Neal

Collected date/time
04/10/25 15:17

Received date/time
04/11/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7470A	WG2488223	1	04/11/25 11:05	04/11/25 14:04	NDL	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2488198	1	04/11/25 10:48	04/11/25 12:36	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2488226	1	04/11/25 12:55	04/11/25 12:55	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2488236	1	04/11/25 12:20	04/11/25 12:20	KST	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2488209	2	04/11/25 10:52	04/11/25 14:01	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2488206	1	04/11/25 10:57	04/11/25 20:06	JRM	Mt. Juliet, TN

GACO0410W003 L1846446-04 GW

Collected by
Carey Neal

Collected date/time
04/10/25 14:42

Received date/time
04/11/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7470A	WG2488223	1	04/11/25 11:05	04/11/25 14:06	NDL	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2488198	1	04/11/25 10:48	04/11/25 12:39	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2488226	1	04/11/25 13:18	04/11/25 13:18	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2488236	1	04/11/25 12:41	04/11/25 12:41	KST	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2488209	1	04/11/25 10:52	04/11/25 14:22	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2488206	1	04/11/25 10:57	04/11/25 20:27	JRM	Mt. Juliet, TN

GACO0410W002 L1846446-05 GW

Collected by
Carey Neal

Collected date/time
04/10/25 14:19

Received date/time
04/11/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7470A	WG2488223	1	04/11/25 11:05	04/11/25 14:09	NDL	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2488198	1	04/11/25 10:48	04/11/25 12:43	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2488226	1	04/11/25 13:42	04/11/25 13:42	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2488236	1	04/11/25 13:02	04/11/25 13:02	KST	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2488209	1	04/11/25 10:52	04/11/25 14:42	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2488206	1	04/11/25 10:57	04/11/25 21:10	JRM	Mt. Juliet, TN

SAMPLE SUMMARY

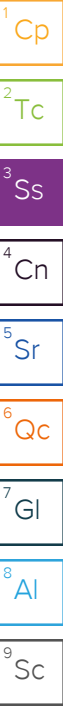
GACO0410W001 L1846446-06 GW

Collected by
Carey Neal

Collected date/time
04/10/25 13:36

Received date/time
04/11/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7470A	WG2488223	1	04/11/25 11:05	04/11/25 14:11	NDL	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2488198	1	04/11/25 10:48	04/11/25 14:13	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2488226	1	04/11/25 14:05	04/11/25 14:05	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2488236	1	04/11/25 13:24	04/11/25 13:24	KST	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2488209	1	04/11/25 10:52	04/11/25 15:02	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2488206	1	04/11/25 10:57	04/11/25 21:31	JRM	Mt. Juliet, TN



GACO0410F001 L1846446-07 GW

Collected by
Carey Neal

Collected date/time
04/10/25 12:33

Received date/time
04/11/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7470A	WG2488223	1	04/11/25 11:05	04/11/25 13:44	NDL	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2488198	1	04/11/25 10:48	04/11/25 14:17	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2488226	1	04/11/25 14:28	04/11/25 14:28	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2488236	1	04/11/25 13:45	04/11/25 13:45	KST	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2488209	1	04/11/25 10:52	04/11/25 15:22	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2488206	1	04/11/25 10:57	04/11/25 17:58	JRM	Mt. Juliet, TN

GACO0410T001 L1846446-08 GW

Collected by
Carey Neal

Collected date/time
04/10/25 13:16

Received date/time
04/11/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2488236	1	04/11/25 14:06	04/11/25 14:06	KST	Mt. Juliet, TN

GACO0410T002 L1846446-09 GW

Collected by
Carey Neal

Collected date/time
04/10/25 14:01

Received date/time
04/11/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2488236	1	04/11/25 14:26	04/11/25 14:26	KST	Mt. Juliet, TN

GACO0410T003 L1846446-10 GW

Collected by
Carey Neal

Collected date/time
04/10/25 14:34

Received date/time
04/11/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2488236	1	04/11/25 14:48	04/11/25 14:48	KST	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

Report Revision History

Level II Report - Version 1: 04/11/25 22:34

Project Comments

EDD

Metals (ICPMS) by Method 6020B

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

Batch	Lab Sample ID	Analytes
WG2488198	(MS) R4198372-4, (MSD) R4198372-5	Calcium, Magnesium and Sodium

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
WG2488236	L1846446-01	Bromoform
WG2488236	L1846446-02	Bromoform
WG2488236	L1846446-03	Bromoform
WG2488236	L1846446-04	Bromoform
WG2488236	L1846446-05	Bromoform
WG2488236	L1846446-06	Bromoform
WG2488236	L1846446-07	Bromoform
WG2488236	L1846446-08	Bromoform
WG2488236	L1846446-09	Bromoform
WG2488236	L1846446-10	Bromoform

The reported concentration is an estimate. The continuing calibration standard associated with this data responded high. Data is likely to show a high bias concerning the result.

Batch	Lab Sample ID	Analytes
WG2488236	L1846446-01	Vinyl chloride



CASE NARRATIVE

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

The same analyte is found in the associated blank.

Batch	Analyte	Lab Sample ID
WG2488236	cis-1,2-Dichloroethene	L1846446-01, 02, 03, 04, 05, 06, 07, 08, 09, 10
WG2488236	Vinyl chloride	L1846446-01, 02, 04, 09

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

Batch	Lab Sample ID	Analytes
WG2488236	(LCS) R4198419-1, (LCSD) R4198419-2, L1846446-01, 02, 03, 04, 05, 06, 07, 08, 09, 10	Chloromethane, Dichlorodifluoromethane and Vinyl chloride

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

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

Batch	Lab Sample ID	Analytes
WG2488206	L1846446-01	Hexachlorocyclopentadiene
WG2488206	L1846446-02	Hexachlorocyclopentadiene
WG2488206	L1846446-03	Hexachlorocyclopentadiene
WG2488206	L1846446-04	Hexachlorocyclopentadiene
WG2488206	L1846446-05	Hexachlorocyclopentadiene
WG2488206	L1846446-06	Hexachlorocyclopentadiene
WG2488206	L1846446-07	Hexachlorocyclopentadiene

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

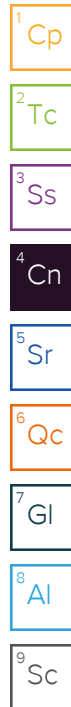
Batch	Lab Sample ID	Analytes
WG2488206	L1846446-01	n-Nitrosodimethylamine
WG2488206	L1846446-02	n-Nitrosodimethylamine
WG2488206	L1846446-03	n-Nitrosodimethylamine
WG2488206	L1846446-04	n-Nitrosodimethylamine
WG2488206	L1846446-05	n-Nitrosodimethylamine
WG2488206	L1846446-06	n-Nitrosodimethylamine
WG2488206	L1846446-07	n-Nitrosodimethylamine

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

Batch	Lab Sample ID	Analytes
WG2488206	(LCS) R4198553-1, L1846446-01, 02, 03, 04, 05, 06, 07	Benzidine and Pyrene

The sample matrix interfered with the ability to make any accurate determination; spike value is low.

Batch	Lab Sample ID	Analytes
WG2488206	(MS) R4198553-3, (MSD) R4198553-4, L1846446-01	Benzidine



Mercury by Method 7470A

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Mercury	U		0.0700	0.200	1	04/11/2025 13:59	WG2488223

Metals (ICPMS) by Method 6020B

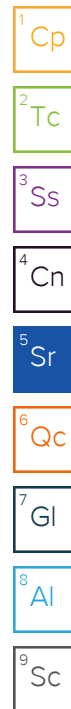
	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Aluminum	126		16.0	100	1	04/11/2025 12:20	WG2488198
Antimony	U		0.310	4.00	1	04/11/2025 12:20	WG2488198
Arsenic	2.71		0.120	2.00	1	04/11/2025 12:20	WG2488198
Barium	46.7		0.500	2.00	1	04/11/2025 12:20	WG2488198
Beryllium	U		0.200	2.00	1	04/11/2025 12:20	WG2488198
Cadmium	U		0.120	1.00	1	04/11/2025 12:20	WG2488198
Calcium	243000		92.5	1000	1	04/11/2025 12:20	WG2488198
Chromium	U		0.900	2.00	1	04/11/2025 12:20	WG2488198
Copper	1.87	J	0.700	5.00	1	04/11/2025 12:20	WG2488198
Cobalt	0.727	J	0.100	2.00	1	04/11/2025 12:20	WG2488198
Iron	102		22.6	100	1	04/11/2025 12:20	WG2488198
Lead	U		0.500	2.00	1	04/11/2025 12:20	WG2488198
Magnesium	146000		82.7	1000	1	04/11/2025 12:20	WG2488198
Manganese	310		0.700	5.00	1	04/11/2025 12:20	WG2488198
Nickel	2.51		0.500	2.00	1	04/11/2025 12:20	WG2488198
Potassium	11700		96.5	2000	1	04/11/2025 12:20	WG2488198
Selenium	8.18		0.250	2.00	1	04/11/2025 12:20	WG2488198
Silver	U		0.110	2.00	1	04/11/2025 12:20	WG2488198
Sodium	337000		142	2000	1	04/11/2025 12:20	WG2488198
Thallium	U		0.130	2.00	1	04/11/2025 12:20	WG2488198
Vanadium	4.54	J	0.520	5.00	1	04/11/2025 12:20	WG2488198
Zinc	U		4.00	25.0	1	04/11/2025 12:20	WG2488198

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

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
TPH (GC/FID) Low Fraction	U		31.4	100	1	04/11/2025 12:08	WG2488226
(S) <i>a,a,a</i> -Trifluorotoluene(FID)	87.4			78.0-120		04/11/2025 12:08	WG2488226

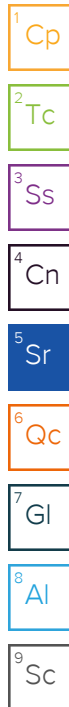
Volatile Organic Compounds (GC/MS) by Method 8260D

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	04/11/2025 11:38	WG2488236
Acrolein	U		2.54	50.0	1	04/11/2025 11:38	WG2488236
Acrylonitrile	U		0.671	10.0	1	04/11/2025 11:38	WG2488236
Benzene	U		0.0941	1.00	1	04/11/2025 11:38	WG2488236
Bromobenzene	U		0.118	1.00	1	04/11/2025 11:38	WG2488236
Bromodichloromethane	U		0.136	1.00	1	04/11/2025 11:38	WG2488236
Bromoform	U	C3	0.129	1.00	1	04/11/2025 11:38	WG2488236
Bromomethane	U		0.605	5.00	1	04/11/2025 11:38	WG2488236
n-Butylbenzene	U		0.157	1.00	1	04/11/2025 11:38	WG2488236
sec-Butylbenzene	U		0.125	1.00	1	04/11/2025 11:38	WG2488236
tert-Butylbenzene	U		0.127	1.00	1	04/11/2025 11:38	WG2488236
Carbon tetrachloride	U		0.128	1.00	1	04/11/2025 11:38	WG2488236
Chlorobenzene	U		0.116	1.00	1	04/11/2025 11:38	WG2488236
Chlorodibromomethane	U		0.140	1.00	1	04/11/2025 11:38	WG2488236
Chloroethane	U		0.192	5.00	1	04/11/2025 11:38	WG2488236
Chloroform	U		0.111	5.00	1	04/11/2025 11:38	WG2488236
Chloromethane	U	J4	0.960	2.50	1	04/11/2025 11:38	WG2488236



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	04/11/2025 11:38	WG2488236
4-Chlorotoluene	U		0.114	1.00	1	04/11/2025 11:38	WG2488236
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	04/11/2025 11:38	WG2488236
1,2-Dibromoethane	U		0.126	1.00	1	04/11/2025 11:38	WG2488236
Dibromomethane	U		0.122	1.00	1	04/11/2025 11:38	WG2488236
1,2-Dichlorobenzene	U		0.107	1.00	1	04/11/2025 11:38	WG2488236
1,3-Dichlorobenzene	U		0.110	1.00	1	04/11/2025 11:38	WG2488236
1,4-Dichlorobenzene	U		0.120	1.00	1	04/11/2025 11:38	WG2488236
Dichlorodifluoromethane	U	J4	0.374	5.00	1	04/11/2025 11:38	WG2488236
1,1-Dichloroethane	U		0.100	1.00	1	04/11/2025 11:38	WG2488236
1,2-Dichloroethane	U		0.0819	1.00	1	04/11/2025 11:38	WG2488236
1,1-Dichloroethene	U		0.188	1.00	1	04/11/2025 11:38	WG2488236
cis-1,2-Dichloroethene	1.39	B	0.126	1.00	1	04/11/2025 11:38	WG2488236
trans-1,2-Dichloroethene	U		0.149	1.00	1	04/11/2025 11:38	WG2488236
1,2-Dichloropropane	U		0.149	1.00	1	04/11/2025 11:38	WG2488236
1,1-Dichloropropene	U		0.142	1.00	1	04/11/2025 11:38	WG2488236
1,3-Dichloropropane	U		0.110	1.00	1	04/11/2025 11:38	WG2488236
cis-1,3-Dichloropropene	U		0.111	1.00	1	04/11/2025 11:38	WG2488236
trans-1,3-Dichloropropene	U		0.118	1.00	1	04/11/2025 11:38	WG2488236
2,2-Dichloropropane	U		0.161	1.00	1	04/11/2025 11:38	WG2488236
Di-isopropyl ether	U		0.105	1.00	1	04/11/2025 11:38	WG2488236
Ethylbenzene	U		0.137	1.00	1	04/11/2025 11:38	WG2488236
Hexachloro-1,3-butadiene	U		0.337	1.00	1	04/11/2025 11:38	WG2488236
Isopropylbenzene	U		0.105	1.00	1	04/11/2025 11:38	WG2488236
p-Isopropyltoluene	U		0.120	1.00	1	04/11/2025 11:38	WG2488236
2-Butanone (MEK)	U		1.19	10.0	1	04/11/2025 11:38	WG2488236
Methylene Chloride	U		0.430	5.00	1	04/11/2025 11:38	WG2488236
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	04/11/2025 11:38	WG2488236
Methyl tert-butyl ether	U		0.101	1.00	1	04/11/2025 11:38	WG2488236
Naphthalene	U		1.00	5.00	1	04/11/2025 11:38	WG2488236
n-Propylbenzene	U		0.0993	1.00	1	04/11/2025 11:38	WG2488236
Styrene	U		0.118	1.00	1	04/11/2025 11:38	WG2488236
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	04/11/2025 11:38	WG2488236
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	04/11/2025 11:38	WG2488236
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	04/11/2025 11:38	WG2488236
Tetrachloroethene	U		0.300	1.00	1	04/11/2025 11:38	WG2488236
Toluene	U		0.278	1.00	1	04/11/2025 11:38	WG2488236
1,2,3-Trichlorobenzene	U		0.230	1.00	1	04/11/2025 11:38	WG2488236
1,2,4-Trichlorobenzene	U		0.481	1.00	1	04/11/2025 11:38	WG2488236
1,1,1-Trichloroethane	U		0.149	1.00	1	04/11/2025 11:38	WG2488236
1,1,2-Trichloroethane	U		0.158	1.00	1	04/11/2025 11:38	WG2488236
Trichloroethene	U		0.190	1.00	1	04/11/2025 11:38	WG2488236
Trichlorofluoromethane	U		0.160	5.00	1	04/11/2025 11:38	WG2488236
1,2,3-Trichloropropane	U		0.237	2.50	1	04/11/2025 11:38	WG2488236
1,2,4-Trimethylbenzene	U		0.322	1.00	1	04/11/2025 11:38	WG2488236
1,2,3-Trimethylbenzene	U		0.104	1.00	1	04/11/2025 11:38	WG2488236
1,3,5-Trimethylbenzene	U		0.104	1.00	1	04/11/2025 11:38	WG2488236
Vinyl chloride	1.48	B C5 J4	0.234	1.00	1	04/11/2025 11:38	WG2488236
Xylenes, Total	U		0.174	3.00	1	04/11/2025 11:38	WG2488236
(S) Toluene-d8	99.4			80.0-120		04/11/2025 11:38	WG2488236
(S) 4-Bromofluorobenzene	101			77.0-126		04/11/2025 11:38	WG2488236
(S) 1,2-Dichloroethane-d4	105			70.0-130		04/11/2025 11:38	WG2488236



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	99.8	J	60.5	100	1	04/11/2025 13:21	WG2488209
C28-C36 Motor Oil Range	U		77.2	100	1	04/11/2025 13:21	WG2488209
(S) o-Terphenyl	75.3			52.0-156		04/11/2025 13:21	WG2488209

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	04/11/2025 16:54	WG2488206
Acenaphthylene	U		0.0921	1.00	1	04/11/2025 16:54	WG2488206
Anthracene	U		0.0804	1.00	1	04/11/2025 16:54	WG2488206
Benzdine	U	J4 J6	3.74	10.0	1	04/11/2025 16:54	WG2488206
Benzo(a)anthracene	U		0.199	1.00	1	04/11/2025 16:54	WG2488206
Benzo(b)fluoranthene	U		0.130	1.00	1	04/11/2025 16:54	WG2488206
Benzo(k)fluoranthene	U		0.120	1.00	1	04/11/2025 16:54	WG2488206
Benzo(g,h,i)perylene	U		0.121	1.00	1	04/11/2025 16:54	WG2488206
Benzo(a)pyrene	U		0.0381	1.00	1	04/11/2025 16:54	WG2488206
Bis(2-chlorethoxy)methane	U		0.116	10.0	1	04/11/2025 16:54	WG2488206
Bis(2-chloroethyl)ether	U		0.137	10.0	1	04/11/2025 16:54	WG2488206
2,2-Oxybis(1-Chloropropane)	U		0.210	10.0	1	04/11/2025 16:54	WG2488206
4-Bromophenyl-phenylether	U		0.0877	10.0	1	04/11/2025 16:54	WG2488206
2-Chloronaphthalene	U		0.0648	1.00	1	04/11/2025 16:54	WG2488206
4-Chlorophenyl-phenylether	U		0.0926	10.0	1	04/11/2025 16:54	WG2488206
Chrysene	U		0.130	1.00	1	04/11/2025 16:54	WG2488206
Dibenz(a,h)anthracene	U		0.0644	1.00	1	04/11/2025 16:54	WG2488206
1,2-Dichlorobenzene	U		0.0713	10.0	1	04/11/2025 16:54	WG2488206
1,3-Dichlorobenzene	U		0.132	10.0	1	04/11/2025 16:54	WG2488206
1,4-Dichlorobenzene	U		0.0942	10.0	1	04/11/2025 16:54	WG2488206
3,3-Dichlorobenzidine	U		0.212	10.0	1	04/11/2025 16:54	WG2488206
2,4-Dinitrotoluene	U		0.0983	10.0	1	04/11/2025 16:54	WG2488206
2,6-Dinitrotoluene	U		0.250	10.0	1	04/11/2025 16:54	WG2488206
Fluoranthene	U		0.102	1.00	1	04/11/2025 16:54	WG2488206
Fluorene	U		0.0844	1.00	1	04/11/2025 16:54	WG2488206
Hexachlorobenzene	U		0.0755	1.00	1	04/11/2025 16:54	WG2488206
Hexachloro-1,3-butadiene	U		0.0968	10.0	1	04/11/2025 16:54	WG2488206
Hexachlorocyclopentadiene	U	C7	0.0598	10.0	1	04/11/2025 16:54	WG2488206
Hexachloroethane	U		0.127	10.0	1	04/11/2025 16:54	WG2488206
Indeno(1,2,3-cd)pyrene	U		0.279	1.00	1	04/11/2025 16:54	WG2488206
Isophorone	U		0.143	10.0	1	04/11/2025 16:54	WG2488206
Naphthalene	U		0.159	1.00	1	04/11/2025 16:54	WG2488206
Nitrobenzene	U		0.297	10.0	1	04/11/2025 16:54	WG2488206
n-Nitrosodimethylamine	U	C3	0.998	10.0	1	04/11/2025 16:54	WG2488206
n-Nitrosodiphenylamine	U		2.37	10.0	1	04/11/2025 16:54	WG2488206
n-Nitrosodi-n-propylamine	U		0.261	10.0	1	04/11/2025 16:54	WG2488206
Phenanthrene	U		0.112	1.00	1	04/11/2025 16:54	WG2488206
Benzylbutyl phthalate	U		0.765	3.00	1	04/11/2025 16:54	WG2488206
Bis(2-ethylhexyl)phthalate	U		0.895	3.00	1	04/11/2025 16:54	WG2488206
Di-n-butyl phthalate	U		0.453	3.00	1	04/11/2025 16:54	WG2488206
Diethyl phthalate	U		0.287	3.00	1	04/11/2025 16:54	WG2488206
Dimethyl phthalate	U		0.260	3.00	1	04/11/2025 16:54	WG2488206
Di-n-octyl phthalate	U		0.932	3.00	1	04/11/2025 16:54	WG2488206
Pyrene	U	J4	0.107	1.00	1	04/11/2025 16:54	WG2488206
1,2,4-Trichlorobenzene	U		0.0698	10.0	1	04/11/2025 16:54	WG2488206
4-Chloro-3-methylphenol	U		0.131	10.0	1	04/11/2025 16:54	WG2488206
2-Chlorophenol	U		0.133	10.0	1	04/11/2025 16:54	WG2488206
2,4-Dichlorophenol	U		0.102	10.0	1	04/11/2025 16:54	WG2488206
2,4-Dimethylphenol	U		0.0636	10.0	1	04/11/2025 16:54	WG2488206



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	04/11/2025 16:54	WG2488206
2,4-Dinitrophenol	U		5.93	10.0	1	04/11/2025 16:54	WG2488206
2-Nitrophenol	U		0.117	10.0	1	04/11/2025 16:54	WG2488206
4-Nitrophenol	U		0.143	10.0	1	04/11/2025 16:54	WG2488206
Pentachlorophenol	U		0.313	10.0	1	04/11/2025 16:54	WG2488206
Phenol	U		4.33	10.0	1	04/11/2025 16:54	WG2488206
2,4,6-Trichlorophenol	U		0.100	10.0	1	04/11/2025 16:54	WG2488206
(S) 2-Fluorophenol	26.2			10.0-120		04/11/2025 16:54	WG2488206
(S) Phenol-d5	18.2			10.0-120		04/11/2025 16:54	WG2488206
(S) Nitrobenzene-d5	33.8			10.0-127		04/11/2025 16:54	WG2488206
(S) 2-Fluorobiphenyl	36.2			10.0-130		04/11/2025 16:54	WG2488206
(S) 2,4,6-Tribromophenol	35.9			10.0-155		04/11/2025 16:54	WG2488206
(S) p-Terphenyl-d14	42.5			10.0-128		04/11/2025 16:54	WG2488206

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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	04/11/2025 14:02	WG2488223

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Aluminum	35.1	J	16.0	100	1	04/11/2025 12:33	WG2488198
Antimony	U		0.310	4.00	1	04/11/2025 12:33	WG2488198
Arsenic	1.73	J	0.120	2.00	1	04/11/2025 12:33	WG2488198
Barium	56.9		0.500	2.00	1	04/11/2025 12:33	WG2488198
Beryllium	U		0.200	2.00	1	04/11/2025 12:33	WG2488198
Cadmium	U		0.120	1.00	1	04/11/2025 12:33	WG2488198
Calcium	328000		92.5	1000	1	04/11/2025 12:33	WG2488198
Chromium	U		0.900	2.00	1	04/11/2025 12:33	WG2488198
Copper	2.93	J	0.700	5.00	1	04/11/2025 12:33	WG2488198
Cobalt	1.30	J	0.100	2.00	1	04/11/2025 12:33	WG2488198
Iron	57.3	J	22.6	100	1	04/11/2025 12:33	WG2488198
Lead	U		0.500	2.00	1	04/11/2025 12:33	WG2488198
Magnesium	193000		82.7	1000	1	04/11/2025 12:33	WG2488198
Manganese	178		0.700	5.00	1	04/11/2025 12:33	WG2488198
Nickel	6.33		0.500	2.00	1	04/11/2025 12:33	WG2488198
Potassium	21500		96.5	2000	1	04/11/2025 12:33	WG2488198
Selenium	10.8		0.250	2.00	1	04/11/2025 12:33	WG2488198
Silver	U		0.110	2.00	1	04/11/2025 12:33	WG2488198
Sodium	363000		142	2000	1	04/11/2025 12:33	WG2488198
Thallium	U		0.130	2.00	1	04/11/2025 12:33	WG2488198
Vanadium	2.40	J	0.520	5.00	1	04/11/2025 12:33	WG2488198
Zinc	U		4.00	25.0	1	04/11/2025 12:33	WG2488198

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

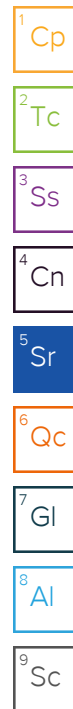
Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TPH (GC/FID) Low Fraction	U		31.4	100	1	04/11/2025 12:31	WG2488226
(S) <i>a,a,a</i> -Trifluorotoluene(FID)	87.3			78.0-120		04/11/2025 12:31	WG2488226

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		11.3	50.0	1	04/11/2025 11:59	WG2488236
Acrolein	U		2.54	50.0	1	04/11/2025 11:59	WG2488236
Acrylonitrile	U		0.671	10.0	1	04/11/2025 11:59	WG2488236
Benzene	U		0.0941	1.00	1	04/11/2025 11:59	WG2488236
Bromobenzene	U		0.118	1.00	1	04/11/2025 11:59	WG2488236
Bromodichloromethane	U		0.136	1.00	1	04/11/2025 11:59	WG2488236
Bromoform	U	C3	0.129	1.00	1	04/11/2025 11:59	WG2488236
Bromomethane	U		0.605	5.00	1	04/11/2025 11:59	WG2488236
n-Butylbenzene	U		0.157	1.00	1	04/11/2025 11:59	WG2488236
sec-Butylbenzene	U		0.125	1.00	1	04/11/2025 11:59	WG2488236
tert-Butylbenzene	U		0.127	1.00	1	04/11/2025 11:59	WG2488236
Carbon tetrachloride	U		0.128	1.00	1	04/11/2025 11:59	WG2488236
Chlorobenzene	U		0.116	1.00	1	04/11/2025 11:59	WG2488236
Chlorodibromomethane	U		0.140	1.00	1	04/11/2025 11:59	WG2488236
Chloroethane	U		0.192	5.00	1	04/11/2025 11:59	WG2488236
Chloroform	U		0.111	5.00	1	04/11/2025 11:59	WG2488236
Chloromethane	U	J4	0.960	2.50	1	04/11/2025 11:59	WG2488236

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	04/11/2025 11:59	WG2488236
4-Chlorotoluene	U		0.114	1.00	1	04/11/2025 11:59	WG2488236
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	04/11/2025 11:59	WG2488236
1,2-Dibromoethane	U		0.126	1.00	1	04/11/2025 11:59	WG2488236
Dibromomethane	U		0.122	1.00	1	04/11/2025 11:59	WG2488236
1,2-Dichlorobenzene	U		0.107	1.00	1	04/11/2025 11:59	WG2488236
1,3-Dichlorobenzene	U		0.110	1.00	1	04/11/2025 11:59	WG2488236
1,4-Dichlorobenzene	U		0.120	1.00	1	04/11/2025 11:59	WG2488236
Dichlorodifluoromethane	U	J4	0.374	5.00	1	04/11/2025 11:59	WG2488236
1,1-Dichloroethane	U		0.100	1.00	1	04/11/2025 11:59	WG2488236
1,2-Dichloroethane	U		0.0819	1.00	1	04/11/2025 11:59	WG2488236
1,1-Dichloroethene	U		0.188	1.00	1	04/11/2025 11:59	WG2488236
cis-1,2-Dichloroethene	0.395	B J	0.126	1.00	1	04/11/2025 11:59	WG2488236
trans-1,2-Dichloroethene	U		0.149	1.00	1	04/11/2025 11:59	WG2488236
1,2-Dichloropropane	U		0.149	1.00	1	04/11/2025 11:59	WG2488236
1,1-Dichloropropene	U		0.142	1.00	1	04/11/2025 11:59	WG2488236
1,3-Dichloropropane	U		0.110	1.00	1	04/11/2025 11:59	WG2488236
cis-1,3-Dichloropropene	U		0.111	1.00	1	04/11/2025 11:59	WG2488236
trans-1,3-Dichloropropene	U		0.118	1.00	1	04/11/2025 11:59	WG2488236
2,2-Dichloropropane	U		0.161	1.00	1	04/11/2025 11:59	WG2488236
Di-isopropyl ether	U		0.105	1.00	1	04/11/2025 11:59	WG2488236
Ethylbenzene	U		0.137	1.00	1	04/11/2025 11:59	WG2488236
Hexachloro-1,3-butadiene	U		0.337	1.00	1	04/11/2025 11:59	WG2488236
Isopropylbenzene	U		0.105	1.00	1	04/11/2025 11:59	WG2488236
p-Isopropyltoluene	U		0.120	1.00	1	04/11/2025 11:59	WG2488236
2-Butanone (MEK)	U		1.19	10.0	1	04/11/2025 11:59	WG2488236
Methylene Chloride	U		0.430	5.00	1	04/11/2025 11:59	WG2488236
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	04/11/2025 11:59	WG2488236
Methyl tert-butyl ether	U		0.101	1.00	1	04/11/2025 11:59	WG2488236
Naphthalene	U		1.00	5.00	1	04/11/2025 11:59	WG2488236
n-Propylbenzene	U		0.0993	1.00	1	04/11/2025 11:59	WG2488236
Styrene	U		0.118	1.00	1	04/11/2025 11:59	WG2488236
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	04/11/2025 11:59	WG2488236
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	04/11/2025 11:59	WG2488236
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	04/11/2025 11:59	WG2488236
Tetrachloroethene	U		0.300	1.00	1	04/11/2025 11:59	WG2488236
Toluene	U		0.278	1.00	1	04/11/2025 11:59	WG2488236
1,2,3-Trichlorobenzene	U		0.230	1.00	1	04/11/2025 11:59	WG2488236
1,2,4-Trichlorobenzene	U		0.481	1.00	1	04/11/2025 11:59	WG2488236
1,1,1-Trichloroethane	U		0.149	1.00	1	04/11/2025 11:59	WG2488236
1,1,2-Trichloroethane	U		0.158	1.00	1	04/11/2025 11:59	WG2488236
Trichloroethene	U		0.190	1.00	1	04/11/2025 11:59	WG2488236
Trichlorofluoromethane	U		0.160	5.00	1	04/11/2025 11:59	WG2488236
1,2,3-Trichloropropane	U		0.237	2.50	1	04/11/2025 11:59	WG2488236
1,2,4-Trimethylbenzene	U		0.322	1.00	1	04/11/2025 11:59	WG2488236
1,2,3-Trimethylbenzene	U		0.104	1.00	1	04/11/2025 11:59	WG2488236
1,3,5-Trimethylbenzene	U		0.104	1.00	1	04/11/2025 11:59	WG2488236
Vinyl chloride	0.460	B J J4	0.234	1.00	1	04/11/2025 11:59	WG2488236
Xylenes, Total	U		0.174	3.00	1	04/11/2025 11:59	WG2488236
(S) Toluene-d8	97.2			80.0-120		04/11/2025 11:59	WG2488236
(S) 4-Bromofluorobenzene	95.1			77.0-126		04/11/2025 11:59	WG2488236
(S) 1,2-Dichloroethane-d4	101			70.0-130		04/11/2025 11:59	WG2488236



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	236		60.5	100	1	04/11/2025 13:41	WG2488209
C28-C36 Motor Oil Range	145		77.2	100	1	04/11/2025 13:41	WG2488209
(S) o-Terphenyl	77.9			52.0-156		04/11/2025 13:41	WG2488209

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	04/11/2025 20:48	WG2488206
Acenaphthylene	U		0.0921	1.00	1	04/11/2025 20:48	WG2488206
Anthracene	U		0.0804	1.00	1	04/11/2025 20:48	WG2488206
Benzdine	U	J4	3.74	10.0	1	04/11/2025 20:48	WG2488206
Benzo(a)anthracene	U		0.199	1.00	1	04/11/2025 20:48	WG2488206
Benzo(b)fluoranthene	U		0.130	1.00	1	04/11/2025 20:48	WG2488206
Benzo(k)fluoranthene	U		0.120	1.00	1	04/11/2025 20:48	WG2488206
Benzo(g,h,i)perylene	U		0.121	1.00	1	04/11/2025 20:48	WG2488206
Benzo(a)pyrene	U		0.0381	1.00	1	04/11/2025 20:48	WG2488206
Bis(2-chlorethoxy)methane	U		0.116	10.0	1	04/11/2025 20:48	WG2488206
Bis(2-chloroethyl)ether	U		0.137	10.0	1	04/11/2025 20:48	WG2488206
2,2-Oxybis(1-Chloropropane)	U		0.210	10.0	1	04/11/2025 20:48	WG2488206
4-Bromophenyl-phenylether	U		0.0877	10.0	1	04/11/2025 20:48	WG2488206
2-Chloronaphthalene	U		0.0648	1.00	1	04/11/2025 20:48	WG2488206
4-Chlorophenyl-phenylether	U		0.0926	10.0	1	04/11/2025 20:48	WG2488206
Chrysene	U		0.130	1.00	1	04/11/2025 20:48	WG2488206
Dibenz(a,h)anthracene	U		0.0644	1.00	1	04/11/2025 20:48	WG2488206
1,2-Dichlorobenzene	U		0.0713	10.0	1	04/11/2025 20:48	WG2488206
1,3-Dichlorobenzene	U		0.132	10.0	1	04/11/2025 20:48	WG2488206
1,4-Dichlorobenzene	U		0.0942	10.0	1	04/11/2025 20:48	WG2488206
3,3-Dichlorobenzidine	U		0.212	10.0	1	04/11/2025 20:48	WG2488206
2,4-Dinitrotoluene	U		0.0983	10.0	1	04/11/2025 20:48	WG2488206
2,6-Dinitrotoluene	U		0.250	10.0	1	04/11/2025 20:48	WG2488206
Fluoranthene	U		0.102	1.00	1	04/11/2025 20:48	WG2488206
Fluorene	U		0.0844	1.00	1	04/11/2025 20:48	WG2488206
Hexachlorobenzene	U		0.0755	1.00	1	04/11/2025 20:48	WG2488206
Hexachloro-1,3-butadiene	U		0.0968	10.0	1	04/11/2025 20:48	WG2488206
Hexachlorocyclopentadiene	U	C7	0.0598	10.0	1	04/11/2025 20:48	WG2488206
Hexachloroethane	U		0.127	10.0	1	04/11/2025 20:48	WG2488206
Indeno(1,2,3-cd)pyrene	U		0.279	1.00	1	04/11/2025 20:48	WG2488206
Isophorone	U		0.143	10.0	1	04/11/2025 20:48	WG2488206
Naphthalene	U		0.159	1.00	1	04/11/2025 20:48	WG2488206
Nitrobenzene	U		0.297	10.0	1	04/11/2025 20:48	WG2488206
n-Nitrosodimethylamine	U	C3	0.998	10.0	1	04/11/2025 20:48	WG2488206
n-Nitrosodiphenylamine	U		2.37	10.0	1	04/11/2025 20:48	WG2488206
n-Nitrosodi-n-propylamine	U		0.261	10.0	1	04/11/2025 20:48	WG2488206
Phenanthrene	U		0.112	1.00	1	04/11/2025 20:48	WG2488206
Benzylbutyl phthalate	U		0.765	3.00	1	04/11/2025 20:48	WG2488206
Bis(2-ethylhexyl)phthalate	U		0.895	3.00	1	04/11/2025 20:48	WG2488206
Di-n-butyl phthalate	U		0.453	3.00	1	04/11/2025 20:48	WG2488206
Diethyl phthalate	U		0.287	3.00	1	04/11/2025 20:48	WG2488206
Dimethyl phthalate	U		0.260	3.00	1	04/11/2025 20:48	WG2488206
Di-n-octyl phthalate	U		0.932	3.00	1	04/11/2025 20:48	WG2488206
Pyrene	U	J4	0.107	1.00	1	04/11/2025 20:48	WG2488206
1,2,4-Trichlorobenzene	U		0.0698	10.0	1	04/11/2025 20:48	WG2488206
4-Chloro-3-methylphenol	U		0.131	10.0	1	04/11/2025 20:48	WG2488206
2-Chlorophenol	U		0.133	10.0	1	04/11/2025 20:48	WG2488206
2,4-Dichlorophenol	U		0.102	10.0	1	04/11/2025 20:48	WG2488206
2,4-Dimethylphenol	U		0.0636	10.0	1	04/11/2025 20:48	WG2488206

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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	04/11/2025 20:48	WG2488206
2,4-Dinitrophenol	U		5.93	10.0	1	04/11/2025 20:48	WG2488206
2-Nitrophenol	U		0.117	10.0	1	04/11/2025 20:48	WG2488206
4-Nitrophenol	U		0.143	10.0	1	04/11/2025 20:48	WG2488206
Pentachlorophenol	U		0.313	10.0	1	04/11/2025 20:48	WG2488206
Phenol	U		4.33	10.0	1	04/11/2025 20:48	WG2488206
2,4,6-Trichlorophenol	U		0.100	10.0	1	04/11/2025 20:48	WG2488206
(S) 2-Fluorophenol	26.6			10.0-120		04/11/2025 20:48	WG2488206
(S) Phenol-d5	19.8			10.0-120		04/11/2025 20:48	WG2488206
(S) Nitrobenzene-d5	37.7			10.0-127		04/11/2025 20:48	WG2488206
(S) 2-Fluorobiphenyl	43.0			10.0-130		04/11/2025 20:48	WG2488206
(S) 2,4,6-Tribromophenol	45.8			10.0-155		04/11/2025 20:48	WG2488206
(S) p-Terphenyl-d14	46.3			10.0-128		04/11/2025 20:48	WG2488206

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Mercury by Method 7470A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Mercury	U		0.0700	0.200	1	04/11/2025 14:04	WG2488223

Metals (ICPMS) by Method 6020B

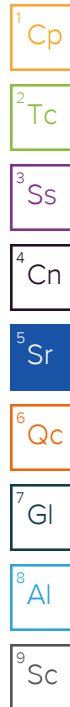
Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Aluminum	38.4	J	16.0	100	1	04/11/2025 12:36	WG2488198
Antimony	U		0.310	4.00	1	04/11/2025 12:36	WG2488198
Arsenic	1.54	J	0.120	2.00	1	04/11/2025 12:36	WG2488198
Barium	67.0		0.500	2.00	1	04/11/2025 12:36	WG2488198
Beryllium	U		0.200	2.00	1	04/11/2025 12:36	WG2488198
Cadmium	U		0.120	1.00	1	04/11/2025 12:36	WG2488198
Calcium	283000		92.5	1000	1	04/11/2025 12:36	WG2488198
Chromium	U		0.900	2.00	1	04/11/2025 12:36	WG2488198
Copper	2.08	J	0.700	5.00	1	04/11/2025 12:36	WG2488198
Cobalt	0.995	J	0.100	2.00	1	04/11/2025 12:36	WG2488198
Iron	84.2	J	22.6	100	1	04/11/2025 12:36	WG2488198
Lead	U		0.500	2.00	1	04/11/2025 12:36	WG2488198
Magnesium	175000		82.7	1000	1	04/11/2025 12:36	WG2488198
Manganese	737		0.700	5.00	1	04/11/2025 12:36	WG2488198
Nickel	4.33		0.500	2.00	1	04/11/2025 12:36	WG2488198
Potassium	13000		96.5	2000	1	04/11/2025 12:36	WG2488198
Selenium	5.17		0.250	2.00	1	04/11/2025 12:36	WG2488198
Silver	U		0.110	2.00	1	04/11/2025 12:36	WG2488198
Sodium	313000		142	2000	1	04/11/2025 12:36	WG2488198
Thallium	U		0.130	2.00	1	04/11/2025 12:36	WG2488198
Vanadium	1.58	J	0.520	5.00	1	04/11/2025 12:36	WG2488198
Zinc	4.48	J	4.00	25.0	1	04/11/2025 12:36	WG2488198

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	37.5	J	31.4	100	1	04/11/2025 12:55	WG2488226
(S) a,a,a-Trifluorotoluene(FID)	87.1			78.0-120		04/11/2025 12:55	WG2488226

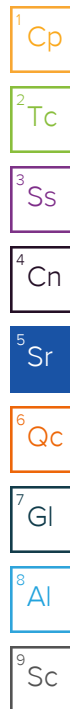
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	04/11/2025 12:20	WG2488236
Acrolein	U		2.54	50.0	1	04/11/2025 12:20	WG2488236
Acrylonitrile	U		0.671	10.0	1	04/11/2025 12:20	WG2488236
Benzene	U		0.0941	1.00	1	04/11/2025 12:20	WG2488236
Bromobenzene	U		0.118	1.00	1	04/11/2025 12:20	WG2488236
Bromodichloromethane	U		0.136	1.00	1	04/11/2025 12:20	WG2488236
Bromoform	U	C3	0.129	1.00	1	04/11/2025 12:20	WG2488236
Bromomethane	U		0.605	5.00	1	04/11/2025 12:20	WG2488236
n-Butylbenzene	U		0.157	1.00	1	04/11/2025 12:20	WG2488236
sec-Butylbenzene	0.201	J	0.125	1.00	1	04/11/2025 12:20	WG2488236
tert-Butylbenzene	U		0.127	1.00	1	04/11/2025 12:20	WG2488236
Carbon tetrachloride	U		0.128	1.00	1	04/11/2025 12:20	WG2488236
Chlorobenzene	U		0.116	1.00	1	04/11/2025 12:20	WG2488236
Chlorodibromomethane	U		0.140	1.00	1	04/11/2025 12:20	WG2488236
Chloroethane	U		0.192	5.00	1	04/11/2025 12:20	WG2488236
Chloroform	U		0.111	5.00	1	04/11/2025 12:20	WG2488236
Chloromethane	U	J4	0.960	2.50	1	04/11/2025 12:20	WG2488236



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	0.193	J	0.106	1.00	1	04/11/2025 12:20	WG2488236
4-Chlorotoluene	U		0.114	1.00	1	04/11/2025 12:20	WG2488236
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	04/11/2025 12:20	WG2488236
1,2-Dibromoethane	U		0.126	1.00	1	04/11/2025 12:20	WG2488236
Dibromomethane	U		0.122	1.00	1	04/11/2025 12:20	WG2488236
1,2-Dichlorobenzene	U		0.107	1.00	1	04/11/2025 12:20	WG2488236
1,3-Dichlorobenzene	U		0.110	1.00	1	04/11/2025 12:20	WG2488236
1,4-Dichlorobenzene	U		0.120	1.00	1	04/11/2025 12:20	WG2488236
Dichlorodifluoromethane	U	J4	0.374	5.00	1	04/11/2025 12:20	WG2488236
1,1-Dichloroethane	U		0.100	1.00	1	04/11/2025 12:20	WG2488236
1,2-Dichloroethane	U		0.0819	1.00	1	04/11/2025 12:20	WG2488236
1,1-Dichloroethene	U		0.188	1.00	1	04/11/2025 12:20	WG2488236
cis-1,2-Dichloroethene	0.313	B J	0.126	1.00	1	04/11/2025 12:20	WG2488236
trans-1,2-Dichloroethene	U		0.149	1.00	1	04/11/2025 12:20	WG2488236
1,2-Dichloropropane	U		0.149	1.00	1	04/11/2025 12:20	WG2488236
1,1-Dichloropropene	U		0.142	1.00	1	04/11/2025 12:20	WG2488236
1,3-Dichloropropane	U		0.110	1.00	1	04/11/2025 12:20	WG2488236
cis-1,3-Dichloropropene	U		0.111	1.00	1	04/11/2025 12:20	WG2488236
trans-1,3-Dichloropropene	U		0.118	1.00	1	04/11/2025 12:20	WG2488236
2,2-Dichloropropane	U		0.161	1.00	1	04/11/2025 12:20	WG2488236
Di-isopropyl ether	U		0.105	1.00	1	04/11/2025 12:20	WG2488236
Ethylbenzene	0.535	J	0.137	1.00	1	04/11/2025 12:20	WG2488236
Hexachloro-1,3-butadiene	U		0.337	1.00	1	04/11/2025 12:20	WG2488236
Isopropylbenzene	0.233	J	0.105	1.00	1	04/11/2025 12:20	WG2488236
p-Isopropyltoluene	U		0.120	1.00	1	04/11/2025 12:20	WG2488236
2-Butanone (MEK)	U		1.19	10.0	1	04/11/2025 12:20	WG2488236
Methylene Chloride	U		0.430	5.00	1	04/11/2025 12:20	WG2488236
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	04/11/2025 12:20	WG2488236
Methyl tert-butyl ether	U		0.101	1.00	1	04/11/2025 12:20	WG2488236
Naphthalene	3.82	J	1.00	5.00	1	04/11/2025 12:20	WG2488236
n-Propylbenzene	0.354	J	0.0993	1.00	1	04/11/2025 12:20	WG2488236
Styrene	U		0.118	1.00	1	04/11/2025 12:20	WG2488236
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	04/11/2025 12:20	WG2488236
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	04/11/2025 12:20	WG2488236
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	04/11/2025 12:20	WG2488236
Tetrachloroethene	U		0.300	1.00	1	04/11/2025 12:20	WG2488236
Toluene	U		0.278	1.00	1	04/11/2025 12:20	WG2488236
1,2,3-Trichlorobenzene	U		0.230	1.00	1	04/11/2025 12:20	WG2488236
1,2,4-Trichlorobenzene	U		0.481	1.00	1	04/11/2025 12:20	WG2488236
1,1,1-Trichloroethane	U		0.149	1.00	1	04/11/2025 12:20	WG2488236
1,1,2-Trichloroethane	U		0.158	1.00	1	04/11/2025 12:20	WG2488236
Trichloroethene	U		0.190	1.00	1	04/11/2025 12:20	WG2488236
Trichlorofluoromethane	U		0.160	5.00	1	04/11/2025 12:20	WG2488236
1,2,3-Trichloropropane	U		0.237	2.50	1	04/11/2025 12:20	WG2488236
1,2,4-Trimethylbenzene	5.22		0.322	1.00	1	04/11/2025 12:20	WG2488236
1,2,3-Trimethylbenzene	2.39		0.104	1.00	1	04/11/2025 12:20	WG2488236
1,3,5-Trimethylbenzene	1.78		0.104	1.00	1	04/11/2025 12:20	WG2488236
Vinyl chloride	U	J4	0.234	1.00	1	04/11/2025 12:20	WG2488236
Xylenes, Total	7.26		0.174	3.00	1	04/11/2025 12:20	WG2488236
(S) Toluene-d8	97.1			80.0-120		04/11/2025 12:20	WG2488236
(S) 4-Bromofluorobenzene	98.1			77.0-126		04/11/2025 12:20	WG2488236
(S) 1,2-Dichloroethane-d4	101			70.0-130		04/11/2025 12:20	WG2488236



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	358		121	200	2	04/11/2025 14:01	WG2488209
C28-C36 Motor Oil Range	U		154	200	2	04/11/2025 14:01	WG2488209
(S) o-Terphenyl	70.0			52.0-156		04/11/2025 14:01	WG2488209

Sample Narrative:
L1846446-03 WG2488209: Dilution due to matrix impact during extraction procedure.

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	04/11/2025 20:06	WG2488206
Acenaphthylene	U		0.0921	1.00	1	04/11/2025 20:06	WG2488206
Anthracene	U		0.0804	1.00	1	04/11/2025 20:06	WG2488206
Benzdine	U	J4	3.74	10.0	1	04/11/2025 20:06	WG2488206
Benzo(a)anthracene	U		0.199	1.00	1	04/11/2025 20:06	WG2488206
Benzo(b)fluoranthene	U		0.130	1.00	1	04/11/2025 20:06	WG2488206
Benzo(k)fluoranthene	U		0.120	1.00	1	04/11/2025 20:06	WG2488206
Benzo(g,h,i)perylene	U		0.121	1.00	1	04/11/2025 20:06	WG2488206
Benzo(a)pyrene	U		0.0381	1.00	1	04/11/2025 20:06	WG2488206
Bis(2-chlorethoxy)methane	U		0.116	10.0	1	04/11/2025 20:06	WG2488206
Bis(2-chloroethyl)ether	U		0.137	10.0	1	04/11/2025 20:06	WG2488206
2,2-Oxybis(1-Chloropropane)	U		0.210	10.0	1	04/11/2025 20:06	WG2488206
4-Bromophenyl-phenylether	U		0.0877	10.0	1	04/11/2025 20:06	WG2488206
2-Chloronaphthalene	U		0.0648	1.00	1	04/11/2025 20:06	WG2488206
4-Chlorophenyl-phenylether	U		0.0926	10.0	1	04/11/2025 20:06	WG2488206
Chrysene	U		0.130	1.00	1	04/11/2025 20:06	WG2488206
Dibenz(a,h)anthracene	U		0.0644	1.00	1	04/11/2025 20:06	WG2488206
1,2-Dichlorobenzene	U		0.0713	10.0	1	04/11/2025 20:06	WG2488206
1,3-Dichlorobenzene	U		0.132	10.0	1	04/11/2025 20:06	WG2488206
1,4-Dichlorobenzene	U		0.0942	10.0	1	04/11/2025 20:06	WG2488206
3,3-Dichlorobenzidine	U		0.212	10.0	1	04/11/2025 20:06	WG2488206
2,4-Dinitrotoluene	U		0.0983	10.0	1	04/11/2025 20:06	WG2488206
2,6-Dinitrotoluene	U		0.250	10.0	1	04/11/2025 20:06	WG2488206
Fluoranthene	U		0.102	1.00	1	04/11/2025 20:06	WG2488206
Fluorene	0.237	J	0.0844	1.00	1	04/11/2025 20:06	WG2488206
Hexachlorobenzene	U		0.0755	1.00	1	04/11/2025 20:06	WG2488206
Hexachloro-1,3-butadiene	U		0.0968	10.0	1	04/11/2025 20:06	WG2488206
Hexachlorocyclopentadiene	U	C7	0.0598	10.0	1	04/11/2025 20:06	WG2488206
Hexachloroethane	U		0.127	10.0	1	04/11/2025 20:06	WG2488206
Indeno(1,2,3-cd)pyrene	U		0.279	1.00	1	04/11/2025 20:06	WG2488206
Isophorone	U		0.143	10.0	1	04/11/2025 20:06	WG2488206
Naphthalene	1.56		0.159	1.00	1	04/11/2025 20:06	WG2488206
Nitrobenzene	U		0.297	10.0	1	04/11/2025 20:06	WG2488206
n-Nitrosodimethylamine	U	C3	0.998	10.0	1	04/11/2025 20:06	WG2488206
n-Nitrosodiphenylamine	U		2.37	10.0	1	04/11/2025 20:06	WG2488206
n-Nitrosodi-n-propylamine	U		0.261	10.0	1	04/11/2025 20:06	WG2488206
Phenanthrene	U		0.112	1.00	1	04/11/2025 20:06	WG2488206
Benzylbutyl phthalate	U		0.765	3.00	1	04/11/2025 20:06	WG2488206
Bis(2-ethylhexyl)phthalate	U		0.895	3.00	1	04/11/2025 20:06	WG2488206
Di-n-butyl phthalate	U		0.453	3.00	1	04/11/2025 20:06	WG2488206
Diethyl phthalate	U		0.287	3.00	1	04/11/2025 20:06	WG2488206
Dimethyl phthalate	U		0.260	3.00	1	04/11/2025 20:06	WG2488206
Di-n-octyl phthalate	U		0.932	3.00	1	04/11/2025 20:06	WG2488206
Pyrene	U	J4	0.107	1.00	1	04/11/2025 20:06	WG2488206
1,2,4-Trichlorobenzene	U		0.0698	10.0	1	04/11/2025 20:06	WG2488206
4-Chloro-3-methylphenol	U		0.131	10.0	1	04/11/2025 20:06	WG2488206

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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
2-Chlorophenol	U		0.133	10.0	1	04/11/2025 20:06	WG2488206
2,4-Dichlorophenol	U		0.102	10.0	1	04/11/2025 20:06	WG2488206
2,4-Dimethylphenol	0.113	J	0.0636	10.0	1	04/11/2025 20:06	WG2488206
4,6-Dinitro-2-methylphenol	U		1.12	10.0	1	04/11/2025 20:06	WG2488206
2,4-Dinitrophenol	U		5.93	10.0	1	04/11/2025 20:06	WG2488206
2-Nitrophenol	U		0.117	10.0	1	04/11/2025 20:06	WG2488206
4-Nitrophenol	U		0.143	10.0	1	04/11/2025 20:06	WG2488206
Pentachlorophenol	U		0.313	10.0	1	04/11/2025 20:06	WG2488206
Phenol	U		4.33	10.0	1	04/11/2025 20:06	WG2488206
2,4,6-Trichlorophenol	U		0.100	10.0	1	04/11/2025 20:06	WG2488206
(S) 2-Fluorophenol	31.0			10.0-120		04/11/2025 20:06	WG2488206
(S) Phenol-d5	22.2			10.0-120		04/11/2025 20:06	WG2488206
(S) Nitrobenzene-d5	42.4			10.0-127		04/11/2025 20:06	WG2488206
(S) 2-Fluorobiphenyl	51.6			10.0-130		04/11/2025 20:06	WG2488206
(S) 2,4,6-Tribromophenol	59.4			10.0-155		04/11/2025 20:06	WG2488206
(S) p-Terphenyl-d14	53.7			10.0-128		04/11/2025 20:06	WG2488206

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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	04/11/2025 14:06	WG2488223

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Aluminum	85.0	J	16.0	100	1	04/11/2025 12:39	WG2488198
Antimony	U		0.310	4.00	1	04/11/2025 12:39	WG2488198
Arsenic	1.31	J	0.120	2.00	1	04/11/2025 12:39	WG2488198
Barium	13.0		0.500	2.00	1	04/11/2025 12:39	WG2488198
Beryllium	U		0.200	2.00	1	04/11/2025 12:39	WG2488198
Cadmium	U		0.120	1.00	1	04/11/2025 12:39	WG2488198
Calcium	241000		92.5	1000	1	04/11/2025 12:39	WG2488198
Chromium	U		0.900	2.00	1	04/11/2025 12:39	WG2488198
Copper	1.38	J	0.700	5.00	1	04/11/2025 12:39	WG2488198
Cobalt	0.440	J	0.100	2.00	1	04/11/2025 12:39	WG2488198
Iron	104		22.6	100	1	04/11/2025 12:39	WG2488198
Lead	U		0.500	2.00	1	04/11/2025 12:39	WG2488198
Magnesium	181000		82.7	1000	1	04/11/2025 12:39	WG2488198
Manganese	157		0.700	5.00	1	04/11/2025 12:39	WG2488198
Nickel	2.14		0.500	2.00	1	04/11/2025 12:39	WG2488198
Potassium	10500		96.5	2000	1	04/11/2025 12:39	WG2488198
Selenium	13.7		0.250	2.00	1	04/11/2025 12:39	WG2488198
Silver	U		0.110	2.00	1	04/11/2025 12:39	WG2488198
Sodium	433000		142	2000	1	04/11/2025 12:39	WG2488198
Thallium	U		0.130	2.00	1	04/11/2025 12:39	WG2488198
Vanadium	2.10	J	0.520	5.00	1	04/11/2025 12:39	WG2488198
Zinc	U		4.00	25.0	1	04/11/2025 12:39	WG2488198

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	04/11/2025 13:18	WG2488226
(S) a,a,a-Trifluorotoluene(FID)	87.7			78.0-120		04/11/2025 13:18	WG2488226

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		11.3	50.0	1	04/11/2025 12:41	WG2488236
Acrolein	U		2.54	50.0	1	04/11/2025 12:41	WG2488236
Acrylonitrile	U		0.671	10.0	1	04/11/2025 12:41	WG2488236
Benzene	U		0.0941	1.00	1	04/11/2025 12:41	WG2488236
Bromobenzene	U		0.118	1.00	1	04/11/2025 12:41	WG2488236
Bromodichloromethane	U		0.136	1.00	1	04/11/2025 12:41	WG2488236
Bromoform	U	C3	0.129	1.00	1	04/11/2025 12:41	WG2488236
Bromomethane	U		0.605	5.00	1	04/11/2025 12:41	WG2488236
n-Butylbenzene	U		0.157	1.00	1	04/11/2025 12:41	WG2488236
sec-Butylbenzene	U		0.125	1.00	1	04/11/2025 12:41	WG2488236
tert-Butylbenzene	U		0.127	1.00	1	04/11/2025 12:41	WG2488236
Carbon tetrachloride	U		0.128	1.00	1	04/11/2025 12:41	WG2488236
Chlorobenzene	U		0.116	1.00	1	04/11/2025 12:41	WG2488236
Chlorodibromomethane	U		0.140	1.00	1	04/11/2025 12:41	WG2488236
Chloroethane	U		0.192	5.00	1	04/11/2025 12:41	WG2488236
Chloroform	U		0.111	5.00	1	04/11/2025 12:41	WG2488236
Chloromethane	U	J4	0.960	2.50	1	04/11/2025 12:41	WG2488236

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	04/11/2025 12:41	WG2488236
4-Chlorotoluene	U		0.114	1.00	1	04/11/2025 12:41	WG2488236
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	04/11/2025 12:41	WG2488236
1,2-Dibromoethane	U		0.126	1.00	1	04/11/2025 12:41	WG2488236
Dibromomethane	U		0.122	1.00	1	04/11/2025 12:41	WG2488236
1,2-Dichlorobenzene	U		0.107	1.00	1	04/11/2025 12:41	WG2488236
1,3-Dichlorobenzene	U		0.110	1.00	1	04/11/2025 12:41	WG2488236
1,4-Dichlorobenzene	U		0.120	1.00	1	04/11/2025 12:41	WG2488236
Dichlorodifluoromethane	U	J4	0.374	5.00	1	04/11/2025 12:41	WG2488236
1,1-Dichloroethane	U		0.100	1.00	1	04/11/2025 12:41	WG2488236
1,2-Dichloroethane	U		0.0819	1.00	1	04/11/2025 12:41	WG2488236
1,1-Dichloroethene	U		0.188	1.00	1	04/11/2025 12:41	WG2488236
cis-1,2-Dichloroethene	0.266	B J	0.126	1.00	1	04/11/2025 12:41	WG2488236
trans-1,2-Dichloroethene	U		0.149	1.00	1	04/11/2025 12:41	WG2488236
1,2-Dichloropropane	U		0.149	1.00	1	04/11/2025 12:41	WG2488236
1,1-Dichloropropene	U		0.142	1.00	1	04/11/2025 12:41	WG2488236
1,3-Dichloropropane	U		0.110	1.00	1	04/11/2025 12:41	WG2488236
cis-1,3-Dichloropropene	U		0.111	1.00	1	04/11/2025 12:41	WG2488236
trans-1,3-Dichloropropene	U		0.118	1.00	1	04/11/2025 12:41	WG2488236
2,2-Dichloropropane	U		0.161	1.00	1	04/11/2025 12:41	WG2488236
Di-isopropyl ether	U		0.105	1.00	1	04/11/2025 12:41	WG2488236
Ethylbenzene	U		0.137	1.00	1	04/11/2025 12:41	WG2488236
Hexachloro-1,3-butadiene	U		0.337	1.00	1	04/11/2025 12:41	WG2488236
Isopropylbenzene	U		0.105	1.00	1	04/11/2025 12:41	WG2488236
p-Isopropyltoluene	U		0.120	1.00	1	04/11/2025 12:41	WG2488236
2-Butanone (MEK)	U		1.19	10.0	1	04/11/2025 12:41	WG2488236
Methylene Chloride	U		0.430	5.00	1	04/11/2025 12:41	WG2488236
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	04/11/2025 12:41	WG2488236
Methyl tert-butyl ether	U		0.101	1.00	1	04/11/2025 12:41	WG2488236
Naphthalene	U		1.00	5.00	1	04/11/2025 12:41	WG2488236
n-Propylbenzene	U		0.0993	1.00	1	04/11/2025 12:41	WG2488236
Styrene	U		0.118	1.00	1	04/11/2025 12:41	WG2488236
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	04/11/2025 12:41	WG2488236
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	04/11/2025 12:41	WG2488236
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	04/11/2025 12:41	WG2488236
Tetrachloroethene	U		0.300	1.00	1	04/11/2025 12:41	WG2488236
Toluene	U		0.278	1.00	1	04/11/2025 12:41	WG2488236
1,2,3-Trichlorobenzene	U		0.230	1.00	1	04/11/2025 12:41	WG2488236
1,2,4-Trichlorobenzene	U		0.481	1.00	1	04/11/2025 12:41	WG2488236
1,1,1-Trichloroethane	U		0.149	1.00	1	04/11/2025 12:41	WG2488236
1,1,2-Trichloroethane	U		0.158	1.00	1	04/11/2025 12:41	WG2488236
Trichloroethene	U		0.190	1.00	1	04/11/2025 12:41	WG2488236
Trichlorofluoromethane	U		0.160	5.00	1	04/11/2025 12:41	WG2488236
1,2,3-Trichloropropane	U		0.237	2.50	1	04/11/2025 12:41	WG2488236
1,2,4-Trimethylbenzene	U		0.322	1.00	1	04/11/2025 12:41	WG2488236
1,2,3-Trimethylbenzene	U		0.104	1.00	1	04/11/2025 12:41	WG2488236
1,3,5-Trimethylbenzene	U		0.104	1.00	1	04/11/2025 12:41	WG2488236
Vinyl chloride	0.473	B J J4	0.234	1.00	1	04/11/2025 12:41	WG2488236
Xylenes, Total	U		0.174	3.00	1	04/11/2025 12:41	WG2488236
(S) Toluene-d8	97.6			80.0-120		04/11/2025 12:41	WG2488236
(S) 4-Bromofluorobenzene	96.6			77.0-126		04/11/2025 12:41	WG2488236
(S) 1,2-Dichloroethane-d4	99.9			70.0-130		04/11/2025 12:41	WG2488236

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

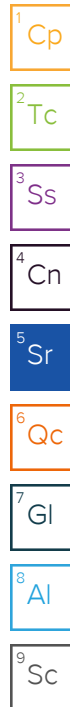
9 Sc

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	92.8	J	60.5	100	1	04/11/2025 14:22	WG2488209
C28-C36 Motor Oil Range	U		77.2	100	1	04/11/2025 14:22	WG2488209
(S) o-Terphenyl	74.2			52.0-156		04/11/2025 14:22	WG2488209

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	04/11/2025 20:27	WG2488206
Acenaphthylene	U		0.0921	1.00	1	04/11/2025 20:27	WG2488206
Anthracene	U		0.0804	1.00	1	04/11/2025 20:27	WG2488206
Benidine	U	J4	3.74	10.0	1	04/11/2025 20:27	WG2488206
Benzo(a)anthracene	U		0.199	1.00	1	04/11/2025 20:27	WG2488206
Benzo(b)fluoranthene	U		0.130	1.00	1	04/11/2025 20:27	WG2488206
Benzo(k)fluoranthene	U		0.120	1.00	1	04/11/2025 20:27	WG2488206
Benzo(g,h,i)perylene	U		0.121	1.00	1	04/11/2025 20:27	WG2488206
Benzo(a)pyrene	U		0.0381	1.00	1	04/11/2025 20:27	WG2488206
Bis(2-chloroethoxy)methane	U		0.116	10.0	1	04/11/2025 20:27	WG2488206
Bis(2-chloroethyl)ether	U		0.137	10.0	1	04/11/2025 20:27	WG2488206
2,2-Oxybis(1-Chloropropane)	U		0.210	10.0	1	04/11/2025 20:27	WG2488206
4-Bromophenyl-phenylether	U		0.0877	10.0	1	04/11/2025 20:27	WG2488206
2-Chloronaphthalene	U		0.0648	1.00	1	04/11/2025 20:27	WG2488206
4-Chlorophenyl-phenylether	U		0.0926	10.0	1	04/11/2025 20:27	WG2488206
Chrysene	U		0.130	1.00	1	04/11/2025 20:27	WG2488206
Dibenz(a,h)anthracene	U		0.0644	1.00	1	04/11/2025 20:27	WG2488206
1,2-Dichlorobenzene	U		0.0713	10.0	1	04/11/2025 20:27	WG2488206
1,3-Dichlorobenzene	U		0.132	10.0	1	04/11/2025 20:27	WG2488206
1,4-Dichlorobenzene	U		0.0942	10.0	1	04/11/2025 20:27	WG2488206
3,3-Dichlorobenzidine	U		0.212	10.0	1	04/11/2025 20:27	WG2488206
2,4-Dinitrotoluene	U		0.0983	10.0	1	04/11/2025 20:27	WG2488206
2,6-Dinitrotoluene	U		0.250	10.0	1	04/11/2025 20:27	WG2488206
Fluoranthene	U		0.102	1.00	1	04/11/2025 20:27	WG2488206
Fluorene	U		0.0844	1.00	1	04/11/2025 20:27	WG2488206
Hexachlorobenzene	U		0.0755	1.00	1	04/11/2025 20:27	WG2488206
Hexachloro-1,3-butadiene	U		0.0968	10.0	1	04/11/2025 20:27	WG2488206
Hexachlorocyclopentadiene	U	C7	0.0598	10.0	1	04/11/2025 20:27	WG2488206
Hexachloroethane	U		0.127	10.0	1	04/11/2025 20:27	WG2488206
Indeno(1,2,3-cd)pyrene	U		0.279	1.00	1	04/11/2025 20:27	WG2488206
Isophorone	U		0.143	10.0	1	04/11/2025 20:27	WG2488206
Naphthalene	U		0.159	1.00	1	04/11/2025 20:27	WG2488206
Nitrobenzene	U		0.297	10.0	1	04/11/2025 20:27	WG2488206
n-Nitrosodimethylamine	U	C3	0.998	10.0	1	04/11/2025 20:27	WG2488206
n-Nitrosodiphenylamine	U		2.37	10.0	1	04/11/2025 20:27	WG2488206
n-Nitrosodi-n-propylamine	U		0.261	10.0	1	04/11/2025 20:27	WG2488206
Phenanthrene	U		0.112	1.00	1	04/11/2025 20:27	WG2488206
Benzylbutyl phthalate	U		0.765	3.00	1	04/11/2025 20:27	WG2488206
Bis(2-ethylhexyl)phthalate	U		0.895	3.00	1	04/11/2025 20:27	WG2488206
Di-n-butyl phthalate	U		0.453	3.00	1	04/11/2025 20:27	WG2488206
Diethyl phthalate	U		0.287	3.00	1	04/11/2025 20:27	WG2488206
Dimethyl phthalate	U		0.260	3.00	1	04/11/2025 20:27	WG2488206
Di-n-octyl phthalate	U		0.932	3.00	1	04/11/2025 20:27	WG2488206
Pyrene	U	J4	0.107	1.00	1	04/11/2025 20:27	WG2488206
1,2,4-Trichlorobenzene	U		0.0698	10.0	1	04/11/2025 20:27	WG2488206
4-Chloro-3-methylphenol	U		0.131	10.0	1	04/11/2025 20:27	WG2488206
2-Chlorophenol	U		0.133	10.0	1	04/11/2025 20:27	WG2488206
2,4-Dichlorophenol	U		0.102	10.0	1	04/11/2025 20:27	WG2488206
2,4-Dimethylphenol	U		0.0636	10.0	1	04/11/2025 20:27	WG2488206



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	04/11/2025 20:27	WG2488206
2,4-Dinitrophenol	U		5.93	10.0	1	04/11/2025 20:27	WG2488206
2-Nitrophenol	U		0.117	10.0	1	04/11/2025 20:27	WG2488206
4-Nitrophenol	U		0.143	10.0	1	04/11/2025 20:27	WG2488206
Pentachlorophenol	U		0.313	10.0	1	04/11/2025 20:27	WG2488206
Phenol	U		4.33	10.0	1	04/11/2025 20:27	WG2488206
2,4,6-Trichlorophenol	U		0.100	10.0	1	04/11/2025 20:27	WG2488206
(S) 2-Fluorophenol	34.7			10.0-120		04/11/2025 20:27	WG2488206
(S) Phenol-d5	22.5			10.0-120		04/11/2025 20:27	WG2488206
(S) Nitrobenzene-d5	47.3			10.0-127		04/11/2025 20:27	WG2488206
(S) 2-Fluorobiphenyl	47.5			10.0-130		04/11/2025 20:27	WG2488206
(S) 2,4,6-Tribromophenol	50.0			10.0-155		04/11/2025 20:27	WG2488206
(S) p-Terphenyl-d14	50.8			10.0-128		04/11/2025 20:27	WG2488206

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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	04/11/2025 14:09	WG2488223

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Aluminum	146		16.0	100	1	04/11/2025 12:43	WG2488198
Antimony	U		0.310	4.00	1	04/11/2025 12:43	WG2488198
Arsenic	1.56	J	0.120	2.00	1	04/11/2025 12:43	WG2488198
Barium	47.3		0.500	2.00	1	04/11/2025 12:43	WG2488198
Beryllium	U		0.200	2.00	1	04/11/2025 12:43	WG2488198
Cadmium	U		0.120	1.00	1	04/11/2025 12:43	WG2488198
Calcium	245000		92.5	1000	1	04/11/2025 12:43	WG2488198
Chromium	U		0.900	2.00	1	04/11/2025 12:43	WG2488198
Copper	2.24	J	0.700	5.00	1	04/11/2025 12:43	WG2488198
Cobalt	0.822	J	0.100	2.00	1	04/11/2025 12:43	WG2488198
Iron	136		22.6	100	1	04/11/2025 12:43	WG2488198
Lead	U		0.500	2.00	1	04/11/2025 12:43	WG2488198
Magnesium	170000		82.7	1000	1	04/11/2025 12:43	WG2488198
Manganese	523		0.700	5.00	1	04/11/2025 12:43	WG2488198
Nickel	3.19		0.500	2.00	1	04/11/2025 12:43	WG2488198
Potassium	10900		96.5	2000	1	04/11/2025 12:43	WG2488198
Selenium	8.72		0.250	2.00	1	04/11/2025 12:43	WG2488198
Silver	U		0.110	2.00	1	04/11/2025 12:43	WG2488198
Sodium	326000		142	2000	1	04/11/2025 12:43	WG2488198
Thallium	U		0.130	2.00	1	04/11/2025 12:43	WG2488198
Vanadium	2.09	J	0.520	5.00	1	04/11/2025 12:43	WG2488198
Zinc	U		4.00	25.0	1	04/11/2025 12:43	WG2488198

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	04/11/2025 13:42	WG2488226
(S) a,a,a-Trifluorotoluene(FID)	87.2			78.0-120		04/11/2025 13:42	WG2488226

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		11.3	50.0	1	04/11/2025 13:02	WG2488236
Acrolein	U		2.54	50.0	1	04/11/2025 13:02	WG2488236
Acrylonitrile	U		0.671	10.0	1	04/11/2025 13:02	WG2488236
Benzene	U		0.0941	1.00	1	04/11/2025 13:02	WG2488236
Bromobenzene	U		0.118	1.00	1	04/11/2025 13:02	WG2488236
Bromodichloromethane	U		0.136	1.00	1	04/11/2025 13:02	WG2488236
Bromoform	U	C3	0.129	1.00	1	04/11/2025 13:02	WG2488236
Bromomethane	U		0.605	5.00	1	04/11/2025 13:02	WG2488236
n-Butylbenzene	U		0.157	1.00	1	04/11/2025 13:02	WG2488236
sec-Butylbenzene	U		0.125	1.00	1	04/11/2025 13:02	WG2488236
tert-Butylbenzene	U		0.127	1.00	1	04/11/2025 13:02	WG2488236
Carbon tetrachloride	U		0.128	1.00	1	04/11/2025 13:02	WG2488236
Chlorobenzene	U		0.116	1.00	1	04/11/2025 13:02	WG2488236
Chlorodibromomethane	U		0.140	1.00	1	04/11/2025 13:02	WG2488236
Chloroethane	U		0.192	5.00	1	04/11/2025 13:02	WG2488236
Chloroform	U		0.111	5.00	1	04/11/2025 13:02	WG2488236
Chloromethane	U	J4	0.960	2.50	1	04/11/2025 13:02	WG2488236



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	04/11/2025 13:02	WG2488236
4-Chlorotoluene	U		0.114	1.00	1	04/11/2025 13:02	WG2488236
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	04/11/2025 13:02	WG2488236
1,2-Dibromoethane	U		0.126	1.00	1	04/11/2025 13:02	WG2488236
Dibromomethane	U		0.122	1.00	1	04/11/2025 13:02	WG2488236
1,2-Dichlorobenzene	U		0.107	1.00	1	04/11/2025 13:02	WG2488236
1,3-Dichlorobenzene	U		0.110	1.00	1	04/11/2025 13:02	WG2488236
1,4-Dichlorobenzene	U		0.120	1.00	1	04/11/2025 13:02	WG2488236
Dichlorodifluoromethane	U	J4	0.374	5.00	1	04/11/2025 13:02	WG2488236
1,1-Dichloroethane	U		0.100	1.00	1	04/11/2025 13:02	WG2488236
1,2-Dichloroethane	U		0.0819	1.00	1	04/11/2025 13:02	WG2488236
1,1-Dichloroethene	U		0.188	1.00	1	04/11/2025 13:02	WG2488236
cis-1,2-Dichloroethene	0.290	B J	0.126	1.00	1	04/11/2025 13:02	WG2488236
trans-1,2-Dichloroethene	U		0.149	1.00	1	04/11/2025 13:02	WG2488236
1,2-Dichloropropane	U		0.149	1.00	1	04/11/2025 13:02	WG2488236
1,1-Dichloropropene	U		0.142	1.00	1	04/11/2025 13:02	WG2488236
1,3-Dichloropropane	U		0.110	1.00	1	04/11/2025 13:02	WG2488236
cis-1,3-Dichloropropene	U		0.111	1.00	1	04/11/2025 13:02	WG2488236
trans-1,3-Dichloropropene	U		0.118	1.00	1	04/11/2025 13:02	WG2488236
2,2-Dichloropropane	U		0.161	1.00	1	04/11/2025 13:02	WG2488236
Di-isopropyl ether	U		0.105	1.00	1	04/11/2025 13:02	WG2488236
Ethylbenzene	U		0.137	1.00	1	04/11/2025 13:02	WG2488236
Hexachloro-1,3-butadiene	U		0.337	1.00	1	04/11/2025 13:02	WG2488236
Isopropylbenzene	U		0.105	1.00	1	04/11/2025 13:02	WG2488236
p-Isopropyltoluene	U		0.120	1.00	1	04/11/2025 13:02	WG2488236
2-Butanone (MEK)	U		1.19	10.0	1	04/11/2025 13:02	WG2488236
Methylene Chloride	U		0.430	5.00	1	04/11/2025 13:02	WG2488236
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	04/11/2025 13:02	WG2488236
Methyl tert-butyl ether	U		0.101	1.00	1	04/11/2025 13:02	WG2488236
Naphthalene	U		1.00	5.00	1	04/11/2025 13:02	WG2488236
n-Propylbenzene	U		0.0993	1.00	1	04/11/2025 13:02	WG2488236
Styrene	U		0.118	1.00	1	04/11/2025 13:02	WG2488236
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	04/11/2025 13:02	WG2488236
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	04/11/2025 13:02	WG2488236
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	04/11/2025 13:02	WG2488236
Tetrachloroethene	U		0.300	1.00	1	04/11/2025 13:02	WG2488236
Toluene	U		0.278	1.00	1	04/11/2025 13:02	WG2488236
1,2,3-Trichlorobenzene	U		0.230	1.00	1	04/11/2025 13:02	WG2488236
1,2,4-Trichlorobenzene	U		0.481	1.00	1	04/11/2025 13:02	WG2488236
1,1,1-Trichloroethane	U		0.149	1.00	1	04/11/2025 13:02	WG2488236
1,1,2-Trichloroethane	U		0.158	1.00	1	04/11/2025 13:02	WG2488236
Trichloroethene	U		0.190	1.00	1	04/11/2025 13:02	WG2488236
Trichlorofluoromethane	U		0.160	5.00	1	04/11/2025 13:02	WG2488236
1,2,3-Trichloropropane	U		0.237	2.50	1	04/11/2025 13:02	WG2488236
1,2,4-Trimethylbenzene	U		0.322	1.00	1	04/11/2025 13:02	WG2488236
1,2,3-Trimethylbenzene	0.145	J	0.104	1.00	1	04/11/2025 13:02	WG2488236
1,3,5-Trimethylbenzene	U		0.104	1.00	1	04/11/2025 13:02	WG2488236
Vinyl chloride	U	J4	0.234	1.00	1	04/11/2025 13:02	WG2488236
Xylenes, Total	0.326	J	0.174	3.00	1	04/11/2025 13:02	WG2488236
(S) Toluene-d8	98.3			80.0-120		04/11/2025 13:02	WG2488236
(S) 4-Bromofluorobenzene	95.4			77.0-126		04/11/2025 13:02	WG2488236
(S) 1,2-Dichloroethane-d4	97.8			70.0-130		04/11/2025 13:02	WG2488236

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ 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	260		60.5	100	1	04/11/2025 14:42	WG2488209
C28-C36 Motor Oil Range	94.1	J	77.2	100	1	04/11/2025 14:42	WG2488209
(S) o-Terphenyl	80.0			52.0-156		04/11/2025 14:42	WG2488209

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	04/11/2025 21:10	WG2488206
Acenaphthylene	U		0.0921	1.00	1	04/11/2025 21:10	WG2488206
Anthracene	U		0.0804	1.00	1	04/11/2025 21:10	WG2488206
Benidine	U	J4	3.74	10.0	1	04/11/2025 21:10	WG2488206
Benzo(a)anthracene	U		0.199	1.00	1	04/11/2025 21:10	WG2488206
Benzo(b)fluoranthene	U		0.130	1.00	1	04/11/2025 21:10	WG2488206
Benzo(k)fluoranthene	U		0.120	1.00	1	04/11/2025 21:10	WG2488206
Benzo(g,h,i)perylene	U		0.121	1.00	1	04/11/2025 21:10	WG2488206
Benzo(a)pyrene	U		0.0381	1.00	1	04/11/2025 21:10	WG2488206
Bis(2-chloroethoxy)methane	U		0.116	10.0	1	04/11/2025 21:10	WG2488206
Bis(2-chloroethyl)ether	U		0.137	10.0	1	04/11/2025 21:10	WG2488206
2,2-Oxybis(1-Chloropropane)	U		0.210	10.0	1	04/11/2025 21:10	WG2488206
4-Bromophenyl-phenylether	U		0.0877	10.0	1	04/11/2025 21:10	WG2488206
2-Chloronaphthalene	U		0.0648	1.00	1	04/11/2025 21:10	WG2488206
4-Chlorophenyl-phenylether	U		0.0926	10.0	1	04/11/2025 21:10	WG2488206
Chrysene	U		0.130	1.00	1	04/11/2025 21:10	WG2488206
Dibenz(a,h)anthracene	U		0.0644	1.00	1	04/11/2025 21:10	WG2488206
1,2-Dichlorobenzene	U		0.0713	10.0	1	04/11/2025 21:10	WG2488206
1,3-Dichlorobenzene	U		0.132	10.0	1	04/11/2025 21:10	WG2488206
1,4-Dichlorobenzene	U		0.0942	10.0	1	04/11/2025 21:10	WG2488206
3,3-Dichlorobenzidine	U		0.212	10.0	1	04/11/2025 21:10	WG2488206
2,4-Dinitrotoluene	U		0.0983	10.0	1	04/11/2025 21:10	WG2488206
2,6-Dinitrotoluene	U		0.250	10.0	1	04/11/2025 21:10	WG2488206
Fluoranthene	U		0.102	1.00	1	04/11/2025 21:10	WG2488206
Fluorene	U		0.0844	1.00	1	04/11/2025 21:10	WG2488206
Hexachlorobenzene	U		0.0755	1.00	1	04/11/2025 21:10	WG2488206
Hexachloro-1,3-butadiene	U		0.0968	10.0	1	04/11/2025 21:10	WG2488206
Hexachlorocyclopentadiene	U	C7	0.0598	10.0	1	04/11/2025 21:10	WG2488206
Hexachloroethane	U		0.127	10.0	1	04/11/2025 21:10	WG2488206
Indeno(1,2,3-cd)pyrene	U		0.279	1.00	1	04/11/2025 21:10	WG2488206
Isophorone	U		0.143	10.0	1	04/11/2025 21:10	WG2488206
Naphthalene	0.163	J	0.159	1.00	1	04/11/2025 21:10	WG2488206
Nitrobenzene	U		0.297	10.0	1	04/11/2025 21:10	WG2488206
n-Nitrosodimethylamine	U	C3	0.998	10.0	1	04/11/2025 21:10	WG2488206
n-Nitrosodiphenylamine	U		2.37	10.0	1	04/11/2025 21:10	WG2488206
n-Nitrosodi-n-propylamine	U		0.261	10.0	1	04/11/2025 21:10	WG2488206
Phenanthrene	U		0.112	1.00	1	04/11/2025 21:10	WG2488206
Benzylbutyl phthalate	U		0.765	3.00	1	04/11/2025 21:10	WG2488206
Bis(2-ethylhexyl)phthalate	U		0.895	3.00	1	04/11/2025 21:10	WG2488206
Di-n-butyl phthalate	U		0.453	3.00	1	04/11/2025 21:10	WG2488206
Diethyl phthalate	U		0.287	3.00	1	04/11/2025 21:10	WG2488206
Dimethyl phthalate	U		0.260	3.00	1	04/11/2025 21:10	WG2488206
Di-n-octyl phthalate	U		0.932	3.00	1	04/11/2025 21:10	WG2488206
Pyrene	U	J4	0.107	1.00	1	04/11/2025 21:10	WG2488206
1,2,4-Trichlorobenzene	U		0.0698	10.0	1	04/11/2025 21:10	WG2488206
4-Chloro-3-methylphenol	U		0.131	10.0	1	04/11/2025 21:10	WG2488206
2-Chlorophenol	U		0.133	10.0	1	04/11/2025 21:10	WG2488206
2,4-Dichlorophenol	U		0.102	10.0	1	04/11/2025 21:10	WG2488206
2,4-Dimethylphenol	U		0.0636	10.0	1	04/11/2025 21:10	WG2488206

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	04/11/2025 21:10	WG2488206
2,4-Dinitrophenol	U		5.93	10.0	1	04/11/2025 21:10	WG2488206
2-Nitrophenol	U		0.117	10.0	1	04/11/2025 21:10	WG2488206
4-Nitrophenol	U		0.143	10.0	1	04/11/2025 21:10	WG2488206
Pentachlorophenol	U		0.313	10.0	1	04/11/2025 21:10	WG2488206
Phenol	U		4.33	10.0	1	04/11/2025 21:10	WG2488206
2,4,6-Trichlorophenol	U		0.100	10.0	1	04/11/2025 21:10	WG2488206
(S) 2-Fluorophenol	28.8			10.0-120		04/11/2025 21:10	WG2488206
(S) Phenol-d5	19.6			10.0-120		04/11/2025 21:10	WG2488206
(S) Nitrobenzene-d5	43.6			10.0-127		04/11/2025 21:10	WG2488206
(S) 2-Fluorobiphenyl	51.1			10.0-130		04/11/2025 21:10	WG2488206
(S) 2,4,6-Tribromophenol	53.9			10.0-155		04/11/2025 21:10	WG2488206
(S) p-Terphenyl-d14	46.0			10.0-128		04/11/2025 21:10	WG2488206

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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	04/11/2025 14:11	WG2488223

Metals (ICPMS) by Method 6020B

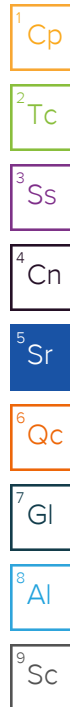
Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Aluminum	212		16.0	100	1	04/11/2025 14:13	WG2488198
Antimony	0.492	J	0.310	4.00	1	04/11/2025 14:13	WG2488198
Arsenic	1.61	J	0.120	2.00	1	04/11/2025 14:13	WG2488198
Barium	47.5		0.500	2.00	1	04/11/2025 14:13	WG2488198
Beryllium	U		0.200	2.00	1	04/11/2025 14:13	WG2488198
Cadmium	U		0.120	1.00	1	04/11/2025 14:13	WG2488198
Calcium	245000		92.5	1000	1	04/11/2025 14:13	WG2488198
Chromium	U		0.900	2.00	1	04/11/2025 14:13	WG2488198
Copper	1.91	J	0.700	5.00	1	04/11/2025 14:13	WG2488198
Cobalt	0.877	J	0.100	2.00	1	04/11/2025 14:13	WG2488198
Iron	188		22.6	100	1	04/11/2025 14:13	WG2488198
Lead	U		0.500	2.00	1	04/11/2025 14:13	WG2488198
Magnesium	170000		82.7	1000	1	04/11/2025 14:13	WG2488198
Manganese	427		0.700	5.00	1	04/11/2025 14:13	WG2488198
Nickel	2.87		0.500	2.00	1	04/11/2025 14:13	WG2488198
Potassium	10500		96.5	2000	1	04/11/2025 14:13	WG2488198
Selenium	8.51		0.250	2.00	1	04/11/2025 14:13	WG2488198
Silver	U		0.110	2.00	1	04/11/2025 14:13	WG2488198
Sodium	328000		142	2000	1	04/11/2025 14:13	WG2488198
Thallium	U		0.130	2.00	1	04/11/2025 14:13	WG2488198
Vanadium	2.19	J	0.520	5.00	1	04/11/2025 14:13	WG2488198
Zinc	4.20	J	4.00	25.0	1	04/11/2025 14:13	WG2488198

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	04/11/2025 14:05	WG2488226
(S) a,a,a-Trifluorotoluene(FID)	87.4			78.0-120		04/11/2025 14:05	WG2488226

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		11.3	50.0	1	04/11/2025 13:24	WG2488236
Acrolein	U		2.54	50.0	1	04/11/2025 13:24	WG2488236
Acrylonitrile	U		0.671	10.0	1	04/11/2025 13:24	WG2488236
Benzene	U		0.0941	1.00	1	04/11/2025 13:24	WG2488236
Bromobenzene	U		0.118	1.00	1	04/11/2025 13:24	WG2488236
Bromodichloromethane	U		0.136	1.00	1	04/11/2025 13:24	WG2488236
Bromoform	U	C3	0.129	1.00	1	04/11/2025 13:24	WG2488236
Bromomethane	U		0.605	5.00	1	04/11/2025 13:24	WG2488236
n-Butylbenzene	U		0.157	1.00	1	04/11/2025 13:24	WG2488236
sec-Butylbenzene	U		0.125	1.00	1	04/11/2025 13:24	WG2488236
tert-Butylbenzene	U		0.127	1.00	1	04/11/2025 13:24	WG2488236
Carbon tetrachloride	U		0.128	1.00	1	04/11/2025 13:24	WG2488236
Chlorobenzene	U		0.116	1.00	1	04/11/2025 13:24	WG2488236
Chlorodibromomethane	U		0.140	1.00	1	04/11/2025 13:24	WG2488236
Chloroethane	U		0.192	5.00	1	04/11/2025 13:24	WG2488236
Chloroform	U		0.111	5.00	1	04/11/2025 13:24	WG2488236
Chloromethane	U	J4	0.960	2.50	1	04/11/2025 13:24	WG2488236



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	04/11/2025 13:24	WG2488236
4-Chlorotoluene	U		0.114	1.00	1	04/11/2025 13:24	WG2488236
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	04/11/2025 13:24	WG2488236
1,2-Dibromoethane	U		0.126	1.00	1	04/11/2025 13:24	WG2488236
Dibromomethane	U		0.122	1.00	1	04/11/2025 13:24	WG2488236
1,2-Dichlorobenzene	U		0.107	1.00	1	04/11/2025 13:24	WG2488236
1,3-Dichlorobenzene	U		0.110	1.00	1	04/11/2025 13:24	WG2488236
1,4-Dichlorobenzene	U		0.120	1.00	1	04/11/2025 13:24	WG2488236
Dichlorodifluoromethane	U	J4	0.374	5.00	1	04/11/2025 13:24	WG2488236
1,1-Dichloroethane	U		0.100	1.00	1	04/11/2025 13:24	WG2488236
1,2-Dichloroethane	U		0.0819	1.00	1	04/11/2025 13:24	WG2488236
1,1-Dichloroethene	U		0.188	1.00	1	04/11/2025 13:24	WG2488236
cis-1,2-Dichloroethene	0.223	B J	0.126	1.00	1	04/11/2025 13:24	WG2488236
trans-1,2-Dichloroethene	U		0.149	1.00	1	04/11/2025 13:24	WG2488236
1,2-Dichloropropane	U		0.149	1.00	1	04/11/2025 13:24	WG2488236
1,1-Dichloropropene	U		0.142	1.00	1	04/11/2025 13:24	WG2488236
1,3-Dichloropropane	U		0.110	1.00	1	04/11/2025 13:24	WG2488236
cis-1,3-Dichloropropene	U		0.111	1.00	1	04/11/2025 13:24	WG2488236
trans-1,3-Dichloropropene	U		0.118	1.00	1	04/11/2025 13:24	WG2488236
2,2-Dichloropropane	U		0.161	1.00	1	04/11/2025 13:24	WG2488236
Di-isopropyl ether	U		0.105	1.00	1	04/11/2025 13:24	WG2488236
Ethylbenzene	U		0.137	1.00	1	04/11/2025 13:24	WG2488236
Hexachloro-1,3-butadiene	U		0.337	1.00	1	04/11/2025 13:24	WG2488236
Isopropylbenzene	U		0.105	1.00	1	04/11/2025 13:24	WG2488236
p-Isopropyltoluene	U		0.120	1.00	1	04/11/2025 13:24	WG2488236
2-Butanone (MEK)	U		1.19	10.0	1	04/11/2025 13:24	WG2488236
Methylene Chloride	U		0.430	5.00	1	04/11/2025 13:24	WG2488236
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	04/11/2025 13:24	WG2488236
Methyl tert-butyl ether	U		0.101	1.00	1	04/11/2025 13:24	WG2488236
Naphthalene	U		1.00	5.00	1	04/11/2025 13:24	WG2488236
n-Propylbenzene	U		0.0993	1.00	1	04/11/2025 13:24	WG2488236
Styrene	U		0.118	1.00	1	04/11/2025 13:24	WG2488236
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	04/11/2025 13:24	WG2488236
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	04/11/2025 13:24	WG2488236
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	04/11/2025 13:24	WG2488236
Tetrachloroethene	U		0.300	1.00	1	04/11/2025 13:24	WG2488236
Toluene	U		0.278	1.00	1	04/11/2025 13:24	WG2488236
1,2,3-Trichlorobenzene	U		0.230	1.00	1	04/11/2025 13:24	WG2488236
1,2,4-Trichlorobenzene	U		0.481	1.00	1	04/11/2025 13:24	WG2488236
1,1,1-Trichloroethane	U		0.149	1.00	1	04/11/2025 13:24	WG2488236
1,1,2-Trichloroethane	U		0.158	1.00	1	04/11/2025 13:24	WG2488236
Trichloroethene	U		0.190	1.00	1	04/11/2025 13:24	WG2488236
Trichlorofluoromethane	U		0.160	5.00	1	04/11/2025 13:24	WG2488236
1,2,3-Trichloropropane	U		0.237	2.50	1	04/11/2025 13:24	WG2488236
1,2,4-Trimethylbenzene	U		0.322	1.00	1	04/11/2025 13:24	WG2488236
1,2,3-Trimethylbenzene	U		0.104	1.00	1	04/11/2025 13:24	WG2488236
1,3,5-Trimethylbenzene	U		0.104	1.00	1	04/11/2025 13:24	WG2488236
Vinyl chloride	U	J4	0.234	1.00	1	04/11/2025 13:24	WG2488236
Xylenes, Total	0.297	J	0.174	3.00	1	04/11/2025 13:24	WG2488236
(S) Toluene-d8	99.5			80.0-120		04/11/2025 13:24	WG2488236
(S) 4-Bromofluorobenzene	99.9			77.0-126		04/11/2025 13:24	WG2488236
(S) 1,2-Dichloroethane-d4	101			70.0-130		04/11/2025 13:24	WG2488236

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	222		60.5	100	1	04/11/2025 15:02	WG2488209
C28-C36 Motor Oil Range	U		77.2	100	1	04/11/2025 15:02	WG2488209
(S) o-Terphenyl	80.0			52.0-156		04/11/2025 15:02	WG2488209

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	04/11/2025 21:31	WG2488206
Acenaphthylene	U		0.0921	1.00	1	04/11/2025 21:31	WG2488206
Anthracene	U		0.0804	1.00	1	04/11/2025 21:31	WG2488206
Benzdine	U	J4	3.74	10.0	1	04/11/2025 21:31	WG2488206
Benzo(a)anthracene	U		0.199	1.00	1	04/11/2025 21:31	WG2488206
Benzo(b)fluoranthene	U		0.130	1.00	1	04/11/2025 21:31	WG2488206
Benzo(k)fluoranthene	U		0.120	1.00	1	04/11/2025 21:31	WG2488206
Benzo(g,h,i)perylene	U		0.121	1.00	1	04/11/2025 21:31	WG2488206
Benzo(a)pyrene	U		0.0381	1.00	1	04/11/2025 21:31	WG2488206
Bis(2-chlorethoxy)methane	U		0.116	10.0	1	04/11/2025 21:31	WG2488206
Bis(2-chloroethyl)ether	U		0.137	10.0	1	04/11/2025 21:31	WG2488206
2,2-Oxybis(1-Chloropropane)	U		0.210	10.0	1	04/11/2025 21:31	WG2488206
4-Bromophenyl-phenylether	U		0.0877	10.0	1	04/11/2025 21:31	WG2488206
2-Chloronaphthalene	U		0.0648	1.00	1	04/11/2025 21:31	WG2488206
4-Chlorophenyl-phenylether	U		0.0926	10.0	1	04/11/2025 21:31	WG2488206
Chrysene	U		0.130	1.00	1	04/11/2025 21:31	WG2488206
Dibenz(a,h)anthracene	U		0.0644	1.00	1	04/11/2025 21:31	WG2488206
1,2-Dichlorobenzene	U		0.0713	10.0	1	04/11/2025 21:31	WG2488206
1,3-Dichlorobenzene	U		0.132	10.0	1	04/11/2025 21:31	WG2488206
1,4-Dichlorobenzene	U		0.0942	10.0	1	04/11/2025 21:31	WG2488206
3,3-Dichlorobenzidine	U		0.212	10.0	1	04/11/2025 21:31	WG2488206
2,4-Dinitrotoluene	U		0.0983	10.0	1	04/11/2025 21:31	WG2488206
2,6-Dinitrotoluene	U		0.250	10.0	1	04/11/2025 21:31	WG2488206
Fluoranthene	U		0.102	1.00	1	04/11/2025 21:31	WG2488206
Fluorene	U		0.0844	1.00	1	04/11/2025 21:31	WG2488206
Hexachlorobenzene	U		0.0755	1.00	1	04/11/2025 21:31	WG2488206
Hexachloro-1,3-butadiene	U		0.0968	10.0	1	04/11/2025 21:31	WG2488206
Hexachlorocyclopentadiene	U	C7	0.0598	10.0	1	04/11/2025 21:31	WG2488206
Hexachloroethane	U		0.127	10.0	1	04/11/2025 21:31	WG2488206
Indeno(1,2,3-cd)pyrene	U		0.279	1.00	1	04/11/2025 21:31	WG2488206
Isophorone	U		0.143	10.0	1	04/11/2025 21:31	WG2488206
Naphthalene	U		0.159	1.00	1	04/11/2025 21:31	WG2488206
Nitrobenzene	U		0.297	10.0	1	04/11/2025 21:31	WG2488206
n-Nitrosodimethylamine	U	C3	0.998	10.0	1	04/11/2025 21:31	WG2488206
n-Nitrosodiphenylamine	U		2.37	10.0	1	04/11/2025 21:31	WG2488206
n-Nitrosodi-n-propylamine	U		0.261	10.0	1	04/11/2025 21:31	WG2488206
Phenanthrene	U		0.112	1.00	1	04/11/2025 21:31	WG2488206
Benzylbutyl phthalate	U		0.765	3.00	1	04/11/2025 21:31	WG2488206
Bis(2-ethylhexyl)phthalate	U		0.895	3.00	1	04/11/2025 21:31	WG2488206
Di-n-butyl phthalate	U		0.453	3.00	1	04/11/2025 21:31	WG2488206
Diethyl phthalate	U		0.287	3.00	1	04/11/2025 21:31	WG2488206
Dimethyl phthalate	U		0.260	3.00	1	04/11/2025 21:31	WG2488206
Di-n-octyl phthalate	U		0.932	3.00	1	04/11/2025 21:31	WG2488206
Pyrene	U	J4	0.107	1.00	1	04/11/2025 21:31	WG2488206
1,2,4-Trichlorobenzene	U		0.0698	10.0	1	04/11/2025 21:31	WG2488206
4-Chloro-3-methylphenol	U		0.131	10.0	1	04/11/2025 21:31	WG2488206
2-Chlorophenol	U		0.133	10.0	1	04/11/2025 21:31	WG2488206
2,4-Dichlorophenol	U		0.102	10.0	1	04/11/2025 21:31	WG2488206
2,4-Dimethylphenol	U		0.0636	10.0	1	04/11/2025 21:31	WG2488206

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ 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	04/11/2025 21:31	WG2488206
2,4-Dinitrophenol	U		5.93	10.0	1	04/11/2025 21:31	WG2488206
2-Nitrophenol	U		0.117	10.0	1	04/11/2025 21:31	WG2488206
4-Nitrophenol	U		0.143	10.0	1	04/11/2025 21:31	WG2488206
Pentachlorophenol	U		0.313	10.0	1	04/11/2025 21:31	WG2488206
Phenol	U		4.33	10.0	1	04/11/2025 21:31	WG2488206
2,4,6-Trichlorophenol	U		0.100	10.0	1	04/11/2025 21:31	WG2488206
(S) 2-Fluorophenol	29.3			10.0-120		04/11/2025 21:31	WG2488206
(S) Phenol-d5	21.2			10.0-120		04/11/2025 21:31	WG2488206
(S) Nitrobenzene-d5	39.6			10.0-127		04/11/2025 21:31	WG2488206
(S) 2-Fluorobiphenyl	46.1			10.0-130		04/11/2025 21:31	WG2488206
(S) 2,4,6-Tribromophenol	49.6			10.0-155		04/11/2025 21:31	WG2488206
(S) p-Terphenyl-d14	50.7			10.0-128		04/11/2025 21:31	WG2488206

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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	04/11/2025 13:44	WG2488223

Metals (ICPMS) by Method 6020B

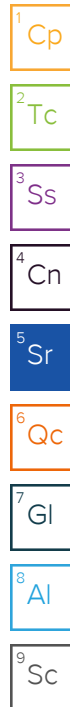
Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Aluminum	U		16.0	100	1	04/11/2025 14:17	WG2488198
Antimony	U		0.310	4.00	1	04/11/2025 14:17	WG2488198
Arsenic	U		0.120	2.00	1	04/11/2025 14:17	WG2488198
Barium	U		0.500	2.00	1	04/11/2025 14:17	WG2488198
Beryllium	U		0.200	2.00	1	04/11/2025 14:17	WG2488198
Cadmium	U		0.120	1.00	1	04/11/2025 14:17	WG2488198
Calcium	U		92.5	1000	1	04/11/2025 14:17	WG2488198
Chromium	U		0.900	2.00	1	04/11/2025 14:17	WG2488198
Copper	U		0.700	5.00	1	04/11/2025 14:17	WG2488198
Cobalt	U		0.100	2.00	1	04/11/2025 14:17	WG2488198
Iron	U		22.6	100	1	04/11/2025 14:17	WG2488198
Lead	U		0.500	2.00	1	04/11/2025 14:17	WG2488198
Magnesium	U		82.7	1000	1	04/11/2025 14:17	WG2488198
Manganese	U		0.700	5.00	1	04/11/2025 14:17	WG2488198
Nickel	U		0.500	2.00	1	04/11/2025 14:17	WG2488198
Potassium	U		96.5	2000	1	04/11/2025 14:17	WG2488198
Selenium	U		0.250	2.00	1	04/11/2025 14:17	WG2488198
Silver	U		0.110	2.00	1	04/11/2025 14:17	WG2488198
Sodium	U		142	2000	1	04/11/2025 14:17	WG2488198
Thallium	U		0.130	2.00	1	04/11/2025 14:17	WG2488198
Vanadium	U		0.520	5.00	1	04/11/2025 14:17	WG2488198
Zinc	U		4.00	25.0	1	04/11/2025 14:17	WG2488198

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	04/11/2025 14:28	WG2488226
(S) <i>a,a,a</i> -Trifluorotoluene(FID)	87.1			78.0-120		04/11/2025 14:28	WG2488226

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		11.3	50.0	1	04/11/2025 13:45	WG2488236
Acrolein	U		2.54	50.0	1	04/11/2025 13:45	WG2488236
Acrylonitrile	U		0.671	10.0	1	04/11/2025 13:45	WG2488236
Benzene	U		0.0941	1.00	1	04/11/2025 13:45	WG2488236
Bromobenzene	U		0.118	1.00	1	04/11/2025 13:45	WG2488236
Bromodichloromethane	U		0.136	1.00	1	04/11/2025 13:45	WG2488236
Bromoform	U	C3	0.129	1.00	1	04/11/2025 13:45	WG2488236
Bromomethane	U		0.605	5.00	1	04/11/2025 13:45	WG2488236
n-Butylbenzene	U		0.157	1.00	1	04/11/2025 13:45	WG2488236
sec-Butylbenzene	U		0.125	1.00	1	04/11/2025 13:45	WG2488236
tert-Butylbenzene	U		0.127	1.00	1	04/11/2025 13:45	WG2488236
Carbon tetrachloride	U		0.128	1.00	1	04/11/2025 13:45	WG2488236
Chlorobenzene	U		0.116	1.00	1	04/11/2025 13:45	WG2488236
Chlorodibromomethane	U		0.140	1.00	1	04/11/2025 13:45	WG2488236
Chloroethane	U		0.192	5.00	1	04/11/2025 13:45	WG2488236
Chloroform	U		0.111	5.00	1	04/11/2025 13:45	WG2488236
Chloromethane	U	J4	0.960	2.50	1	04/11/2025 13:45	WG2488236



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	04/11/2025 13:45	WG2488236
4-Chlorotoluene	U		0.114	1.00	1	04/11/2025 13:45	WG2488236
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	04/11/2025 13:45	WG2488236
1,2-Dibromoethane	U		0.126	1.00	1	04/11/2025 13:45	WG2488236
Dibromomethane	U		0.122	1.00	1	04/11/2025 13:45	WG2488236
1,2-Dichlorobenzene	U		0.107	1.00	1	04/11/2025 13:45	WG2488236
1,3-Dichlorobenzene	U		0.110	1.00	1	04/11/2025 13:45	WG2488236
1,4-Dichlorobenzene	U		0.120	1.00	1	04/11/2025 13:45	WG2488236
Dichlorodifluoromethane	U	J4	0.374	5.00	1	04/11/2025 13:45	WG2488236
1,1-Dichloroethane	U		0.100	1.00	1	04/11/2025 13:45	WG2488236
1,2-Dichloroethane	U		0.0819	1.00	1	04/11/2025 13:45	WG2488236
1,1-Dichloroethene	U		0.188	1.00	1	04/11/2025 13:45	WG2488236
cis-1,2-Dichloroethene	0.269	B J	0.126	1.00	1	04/11/2025 13:45	WG2488236
trans-1,2-Dichloroethene	U		0.149	1.00	1	04/11/2025 13:45	WG2488236
1,2-Dichloropropane	U		0.149	1.00	1	04/11/2025 13:45	WG2488236
1,1-Dichloropropene	U		0.142	1.00	1	04/11/2025 13:45	WG2488236
1,3-Dichloropropane	U		0.110	1.00	1	04/11/2025 13:45	WG2488236
cis-1,3-Dichloropropene	U		0.111	1.00	1	04/11/2025 13:45	WG2488236
trans-1,3-Dichloropropene	U		0.118	1.00	1	04/11/2025 13:45	WG2488236
2,2-Dichloropropane	U		0.161	1.00	1	04/11/2025 13:45	WG2488236
Di-isopropyl ether	U		0.105	1.00	1	04/11/2025 13:45	WG2488236
Ethylbenzene	U		0.137	1.00	1	04/11/2025 13:45	WG2488236
Hexachloro-1,3-butadiene	U		0.337	1.00	1	04/11/2025 13:45	WG2488236
Isopropylbenzene	U		0.105	1.00	1	04/11/2025 13:45	WG2488236
p-Isopropyltoluene	U		0.120	1.00	1	04/11/2025 13:45	WG2488236
2-Butanone (MEK)	U		1.19	10.0	1	04/11/2025 13:45	WG2488236
Methylene Chloride	U		0.430	5.00	1	04/11/2025 13:45	WG2488236
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	04/11/2025 13:45	WG2488236
Methyl tert-butyl ether	U		0.101	1.00	1	04/11/2025 13:45	WG2488236
Naphthalene	U		1.00	5.00	1	04/11/2025 13:45	WG2488236
n-Propylbenzene	U		0.0993	1.00	1	04/11/2025 13:45	WG2488236
Styrene	U		0.118	1.00	1	04/11/2025 13:45	WG2488236
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	04/11/2025 13:45	WG2488236
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	04/11/2025 13:45	WG2488236
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	04/11/2025 13:45	WG2488236
Tetrachloroethene	U		0.300	1.00	1	04/11/2025 13:45	WG2488236
Toluene	U		0.278	1.00	1	04/11/2025 13:45	WG2488236
1,2,3-Trichlorobenzene	U		0.230	1.00	1	04/11/2025 13:45	WG2488236
1,2,4-Trichlorobenzene	U		0.481	1.00	1	04/11/2025 13:45	WG2488236
1,1,1-Trichloroethane	U		0.149	1.00	1	04/11/2025 13:45	WG2488236
1,1,2-Trichloroethane	U		0.158	1.00	1	04/11/2025 13:45	WG2488236
Trichloroethene	U		0.190	1.00	1	04/11/2025 13:45	WG2488236
Trichlorofluoromethane	U		0.160	5.00	1	04/11/2025 13:45	WG2488236
1,2,3-Trichloropropane	U		0.237	2.50	1	04/11/2025 13:45	WG2488236
1,2,4-Trimethylbenzene	U		0.322	1.00	1	04/11/2025 13:45	WG2488236
1,2,3-Trimethylbenzene	U		0.104	1.00	1	04/11/2025 13:45	WG2488236
1,3,5-Trimethylbenzene	U		0.104	1.00	1	04/11/2025 13:45	WG2488236
Vinyl chloride	U	J4	0.234	1.00	1	04/11/2025 13:45	WG2488236
Xylenes, Total	U		0.174	3.00	1	04/11/2025 13:45	WG2488236
(S) Toluene-d8	98.3			80.0-120		04/11/2025 13:45	WG2488236
(S) 4-Bromofluorobenzene	98.9			77.0-126		04/11/2025 13:45	WG2488236
(S) 1,2-Dichloroethane-d4	102			70.0-130		04/11/2025 13:45	WG2488236

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	U		60.5	100	1	04/11/2025 15:22	WG2488209
C28-C36 Motor Oil Range	U		77.2	100	1	04/11/2025 15:22	WG2488209
(S) o-Terphenyl	78.4			52.0-156		04/11/2025 15:22	WG2488209

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	04/11/2025 17:58	WG2488206
Acenaphthylene	U		0.0921	1.00	1	04/11/2025 17:58	WG2488206
Anthracene	U		0.0804	1.00	1	04/11/2025 17:58	WG2488206
Benidine	U	J4	3.74	10.0	1	04/11/2025 17:58	WG2488206
Benzo(a)anthracene	U		0.199	1.00	1	04/11/2025 17:58	WG2488206
Benzo(b)fluoranthene	U		0.130	1.00	1	04/11/2025 17:58	WG2488206
Benzo(k)fluoranthene	U		0.120	1.00	1	04/11/2025 17:58	WG2488206
Benzo(g,h,i)perylene	U		0.121	1.00	1	04/11/2025 17:58	WG2488206
Benzo(a)pyrene	U		0.0381	1.00	1	04/11/2025 17:58	WG2488206
Bis(2-chloroethoxy)methane	U		0.116	10.0	1	04/11/2025 17:58	WG2488206
Bis(2-chloroethyl)ether	U		0.137	10.0	1	04/11/2025 17:58	WG2488206
2,2-Oxybis(1-Chloropropane)	U		0.210	10.0	1	04/11/2025 17:58	WG2488206
4-Bromophenyl-phenylether	U		0.0877	10.0	1	04/11/2025 17:58	WG2488206
2-Chloronaphthalene	U		0.0648	1.00	1	04/11/2025 17:58	WG2488206
4-Chlorophenyl-phenylether	U		0.0926	10.0	1	04/11/2025 17:58	WG2488206
Chrysene	U		0.130	1.00	1	04/11/2025 17:58	WG2488206
Dibenz(a,h)anthracene	U		0.0644	1.00	1	04/11/2025 17:58	WG2488206
1,2-Dichlorobenzene	U		0.0713	10.0	1	04/11/2025 17:58	WG2488206
1,3-Dichlorobenzene	U		0.132	10.0	1	04/11/2025 17:58	WG2488206
1,4-Dichlorobenzene	U		0.0942	10.0	1	04/11/2025 17:58	WG2488206
3,3-Dichlorobenzidine	U		0.212	10.0	1	04/11/2025 17:58	WG2488206
2,4-Dinitrotoluene	U		0.0983	10.0	1	04/11/2025 17:58	WG2488206
2,6-Dinitrotoluene	U		0.250	10.0	1	04/11/2025 17:58	WG2488206
Fluoranthene	U		0.102	1.00	1	04/11/2025 17:58	WG2488206
Fluorene	U		0.0844	1.00	1	04/11/2025 17:58	WG2488206
Hexachlorobenzene	U		0.0755	1.00	1	04/11/2025 17:58	WG2488206
Hexachloro-1,3-butadiene	U		0.0968	10.0	1	04/11/2025 17:58	WG2488206
Hexachlorocyclopentadiene	U	C7	0.0598	10.0	1	04/11/2025 17:58	WG2488206
Hexachloroethane	U		0.127	10.0	1	04/11/2025 17:58	WG2488206
Indeno(1,2,3-cd)pyrene	U		0.279	1.00	1	04/11/2025 17:58	WG2488206
Isophorone	U		0.143	10.0	1	04/11/2025 17:58	WG2488206
Naphthalene	U		0.159	1.00	1	04/11/2025 17:58	WG2488206
Nitrobenzene	U		0.297	10.0	1	04/11/2025 17:58	WG2488206
n-Nitrosodimethylamine	U	C3	0.998	10.0	1	04/11/2025 17:58	WG2488206
n-Nitrosodiphenylamine	U		2.37	10.0	1	04/11/2025 17:58	WG2488206
n-Nitrosodi-n-propylamine	U		0.261	10.0	1	04/11/2025 17:58	WG2488206
Phenanthrene	U		0.112	1.00	1	04/11/2025 17:58	WG2488206
Benzylbutyl phthalate	U		0.765	3.00	1	04/11/2025 17:58	WG2488206
Bis(2-ethylhexyl)phthalate	U		0.895	3.00	1	04/11/2025 17:58	WG2488206
Di-n-butyl phthalate	U		0.453	3.00	1	04/11/2025 17:58	WG2488206
Diethyl phthalate	U		0.287	3.00	1	04/11/2025 17:58	WG2488206
Dimethyl phthalate	U		0.260	3.00	1	04/11/2025 17:58	WG2488206
Di-n-octyl phthalate	U		0.932	3.00	1	04/11/2025 17:58	WG2488206
Pyrene	U	J4	0.107	1.00	1	04/11/2025 17:58	WG2488206
1,2,4-Trichlorobenzene	U		0.0698	10.0	1	04/11/2025 17:58	WG2488206
4-Chloro-3-methylphenol	U		0.131	10.0	1	04/11/2025 17:58	WG2488206
2-Chlorophenol	U		0.133	10.0	1	04/11/2025 17:58	WG2488206
2,4-Dichlorophenol	U		0.102	10.0	1	04/11/2025 17:58	WG2488206
2,4-Dimethylphenol	U		0.0636	10.0	1	04/11/2025 17:58	WG2488206



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	04/11/2025 17:58	WG2488206
2,4-Dinitrophenol	U		5.93	10.0	1	04/11/2025 17:58	WG2488206
2-Nitrophenol	U		0.117	10.0	1	04/11/2025 17:58	WG2488206
4-Nitrophenol	U		0.143	10.0	1	04/11/2025 17:58	WG2488206
Pentachlorophenol	U		0.313	10.0	1	04/11/2025 17:58	WG2488206
Phenol	U		4.33	10.0	1	04/11/2025 17:58	WG2488206
2,4,6-Trichlorophenol	U		0.100	10.0	1	04/11/2025 17:58	WG2488206
(S) 2-Fluorophenol	32.6			10.0-120		04/11/2025 17:58	WG2488206
(S) Phenol-d5	22.9			10.0-120		04/11/2025 17:58	WG2488206
(S) Nitrobenzene-d5	49.5			10.0-127		04/11/2025 17:58	WG2488206
(S) 2-Fluorobiphenyl	54.8			10.0-130		04/11/2025 17:58	WG2488206
(S) 2,4,6-Tribromophenol	42.6			10.0-155		04/11/2025 17:58	WG2488206
(S) p-Terphenyl-d14	56.3			10.0-128		04/11/2025 17:58	WG2488206

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	04/11/2025 14:06	WG2488236
Acrolein	U		2.54	50.0	1	04/11/2025 14:06	WG2488236
Acrylonitrile	U		0.671	10.0	1	04/11/2025 14:06	WG2488236
Benzene	U		0.0941	1.00	1	04/11/2025 14:06	WG2488236
Bromobenzene	U		0.118	1.00	1	04/11/2025 14:06	WG2488236
Bromodichloromethane	U		0.136	1.00	1	04/11/2025 14:06	WG2488236
Bromoform	U	C3	0.129	1.00	1	04/11/2025 14:06	WG2488236
Bromomethane	U		0.605	5.00	1	04/11/2025 14:06	WG2488236
n-Butylbenzene	U		0.157	1.00	1	04/11/2025 14:06	WG2488236
sec-Butylbenzene	U		0.125	1.00	1	04/11/2025 14:06	WG2488236
tert-Butylbenzene	U		0.127	1.00	1	04/11/2025 14:06	WG2488236
Carbon tetrachloride	U		0.128	1.00	1	04/11/2025 14:06	WG2488236
Chlorobenzene	U		0.116	1.00	1	04/11/2025 14:06	WG2488236
Chlorodibromomethane	U		0.140	1.00	1	04/11/2025 14:06	WG2488236
Chloroethane	U		0.192	5.00	1	04/11/2025 14:06	WG2488236
Chloroform	2.02	J	0.111	5.00	1	04/11/2025 14:06	WG2488236
Chloromethane	U	J4	0.960	2.50	1	04/11/2025 14:06	WG2488236
2-Chlorotoluene	U		0.106	1.00	1	04/11/2025 14:06	WG2488236
4-Chlorotoluene	U		0.114	1.00	1	04/11/2025 14:06	WG2488236
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	04/11/2025 14:06	WG2488236
1,2-Dibromoethane	U		0.126	1.00	1	04/11/2025 14:06	WG2488236
Dibromomethane	U		0.122	1.00	1	04/11/2025 14:06	WG2488236
1,2-Dichlorobenzene	U		0.107	1.00	1	04/11/2025 14:06	WG2488236
1,3-Dichlorobenzene	U		0.110	1.00	1	04/11/2025 14:06	WG2488236
1,4-Dichlorobenzene	U		0.120	1.00	1	04/11/2025 14:06	WG2488236
Dichlorodifluoromethane	U	J4	0.374	5.00	1	04/11/2025 14:06	WG2488236
1,1-Dichloroethane	U		0.100	1.00	1	04/11/2025 14:06	WG2488236
1,2-Dichloroethane	U		0.0819	1.00	1	04/11/2025 14:06	WG2488236
1,1-Dichloroethene	U		0.188	1.00	1	04/11/2025 14:06	WG2488236
cis-1,2-Dichloroethene	0.219	B J	0.126	1.00	1	04/11/2025 14:06	WG2488236
trans-1,2-Dichloroethene	U		0.149	1.00	1	04/11/2025 14:06	WG2488236
1,2-Dichloropropane	U		0.149	1.00	1	04/11/2025 14:06	WG2488236
1,1-Dichloropropene	U		0.142	1.00	1	04/11/2025 14:06	WG2488236
1,3-Dichloropropane	U		0.110	1.00	1	04/11/2025 14:06	WG2488236
cis-1,3-Dichloropropene	U		0.111	1.00	1	04/11/2025 14:06	WG2488236
trans-1,3-Dichloropropene	U		0.118	1.00	1	04/11/2025 14:06	WG2488236
2,2-Dichloropropane	U		0.161	1.00	1	04/11/2025 14:06	WG2488236
Di-isopropyl ether	U		0.105	1.00	1	04/11/2025 14:06	WG2488236
Ethylbenzene	U		0.137	1.00	1	04/11/2025 14:06	WG2488236
Hexachloro-1,3-butadiene	U		0.337	1.00	1	04/11/2025 14:06	WG2488236
Isopropylbenzene	U		0.105	1.00	1	04/11/2025 14:06	WG2488236
p-Isopropyltoluene	U		0.120	1.00	1	04/11/2025 14:06	WG2488236
2-Butanone (MEK)	U		1.19	10.0	1	04/11/2025 14:06	WG2488236
Methylene Chloride	U		0.430	5.00	1	04/11/2025 14:06	WG2488236
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	04/11/2025 14:06	WG2488236
Methyl tert-butyl ether	U		0.101	1.00	1	04/11/2025 14:06	WG2488236
Naphthalene	U		1.00	5.00	1	04/11/2025 14:06	WG2488236
n-Propylbenzene	U		0.0993	1.00	1	04/11/2025 14:06	WG2488236
Styrene	U		0.118	1.00	1	04/11/2025 14:06	WG2488236
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	04/11/2025 14:06	WG2488236
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	04/11/2025 14:06	WG2488236
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	04/11/2025 14:06	WG2488236
Tetrachloroethene	U		0.300	1.00	1	04/11/2025 14:06	WG2488236
Toluene	U		0.278	1.00	1	04/11/2025 14:06	WG2488236
1,2,3-Trichlorobenzene	U		0.230	1.00	1	04/11/2025 14:06	WG2488236
1,2,4-Trichlorobenzene	U		0.481	1.00	1	04/11/2025 14:06	WG2488236

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	U		0.149	1.00	1	04/11/2025 14:06	WG2488236
1,1,2-Trichloroethane	U		0.158	1.00	1	04/11/2025 14:06	WG2488236
Trichloroethene	U		0.190	1.00	1	04/11/2025 14:06	WG2488236
Trichlorofluoromethane	U		0.160	5.00	1	04/11/2025 14:06	WG2488236
1,2,3-Trichloropropane	U		0.237	2.50	1	04/11/2025 14:06	WG2488236
1,2,4-Trimethylbenzene	U		0.322	1.00	1	04/11/2025 14:06	WG2488236
1,2,3-Trimethylbenzene	U		0.104	1.00	1	04/11/2025 14:06	WG2488236
1,3,5-Trimethylbenzene	U		0.104	1.00	1	04/11/2025 14:06	WG2488236
Vinyl chloride	U	J4	0.234	1.00	1	04/11/2025 14:06	WG2488236
Xylenes, Total	U		0.174	3.00	1	04/11/2025 14:06	WG2488236
(S) Toluene-d8	98.1			80.0-120		04/11/2025 14:06	WG2488236
(S) 4-Bromofluorobenzene	98.4			77.0-126		04/11/2025 14:06	WG2488236
(S) 1,2-Dichloroethane-d4	99.8			70.0-130		04/11/2025 14:06	WG2488236

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	04/11/2025 14:26	WG2488236
Acrolein	U		2.54	50.0	1	04/11/2025 14:26	WG2488236
Acrylonitrile	U		0.671	10.0	1	04/11/2025 14:26	WG2488236
Benzene	U		0.0941	1.00	1	04/11/2025 14:26	WG2488236
Bromobenzene	U		0.118	1.00	1	04/11/2025 14:26	WG2488236
Bromodichloromethane	U		0.136	1.00	1	04/11/2025 14:26	WG2488236
Bromoform	U	C3	0.129	1.00	1	04/11/2025 14:26	WG2488236
Bromomethane	U		0.605	5.00	1	04/11/2025 14:26	WG2488236
n-Butylbenzene	U		0.157	1.00	1	04/11/2025 14:26	WG2488236
sec-Butylbenzene	U		0.125	1.00	1	04/11/2025 14:26	WG2488236
tert-Butylbenzene	U		0.127	1.00	1	04/11/2025 14:26	WG2488236
Carbon tetrachloride	U		0.128	1.00	1	04/11/2025 14:26	WG2488236
Chlorobenzene	U		0.116	1.00	1	04/11/2025 14:26	WG2488236
Chlorodibromomethane	U		0.140	1.00	1	04/11/2025 14:26	WG2488236
Chloroethane	U		0.192	5.00	1	04/11/2025 14:26	WG2488236
Chloroform	2.22	J	0.111	5.00	1	04/11/2025 14:26	WG2488236
Chloromethane	U	J4	0.960	2.50	1	04/11/2025 14:26	WG2488236
2-Chlorotoluene	U		0.106	1.00	1	04/11/2025 14:26	WG2488236
4-Chlorotoluene	U		0.114	1.00	1	04/11/2025 14:26	WG2488236
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	04/11/2025 14:26	WG2488236
1,2-Dibromoethane	U		0.126	1.00	1	04/11/2025 14:26	WG2488236
Dibromomethane	U		0.122	1.00	1	04/11/2025 14:26	WG2488236
1,2-Dichlorobenzene	U		0.107	1.00	1	04/11/2025 14:26	WG2488236
1,3-Dichlorobenzene	U		0.110	1.00	1	04/11/2025 14:26	WG2488236
1,4-Dichlorobenzene	U		0.120	1.00	1	04/11/2025 14:26	WG2488236
Dichlorodifluoromethane	U	J4	0.374	5.00	1	04/11/2025 14:26	WG2488236
1,1-Dichloroethane	U		0.100	1.00	1	04/11/2025 14:26	WG2488236
1,2-Dichloroethane	U		0.0819	1.00	1	04/11/2025 14:26	WG2488236
1,1-Dichloroethene	U		0.188	1.00	1	04/11/2025 14:26	WG2488236
cis-1,2-Dichloroethene	0.322	B J	0.126	1.00	1	04/11/2025 14:26	WG2488236
trans-1,2-Dichloroethene	U		0.149	1.00	1	04/11/2025 14:26	WG2488236
1,2-Dichloropropane	U		0.149	1.00	1	04/11/2025 14:26	WG2488236
1,1-Dichloropropene	U		0.142	1.00	1	04/11/2025 14:26	WG2488236
1,3-Dichloropropane	U		0.110	1.00	1	04/11/2025 14:26	WG2488236
cis-1,3-Dichloropropene	U		0.111	1.00	1	04/11/2025 14:26	WG2488236
trans-1,3-Dichloropropene	U		0.118	1.00	1	04/11/2025 14:26	WG2488236
2,2-Dichloropropane	U		0.161	1.00	1	04/11/2025 14:26	WG2488236
Di-isopropyl ether	U		0.105	1.00	1	04/11/2025 14:26	WG2488236
Ethylbenzene	U		0.137	1.00	1	04/11/2025 14:26	WG2488236
Hexachloro-1,3-butadiene	U		0.337	1.00	1	04/11/2025 14:26	WG2488236
Isopropylbenzene	U		0.105	1.00	1	04/11/2025 14:26	WG2488236
p-Isopropyltoluene	U		0.120	1.00	1	04/11/2025 14:26	WG2488236
2-Butanone (MEK)	U		1.19	10.0	1	04/11/2025 14:26	WG2488236
Methylene Chloride	U		0.430	5.00	1	04/11/2025 14:26	WG2488236
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	04/11/2025 14:26	WG2488236
Methyl tert-butyl ether	U		0.101	1.00	1	04/11/2025 14:26	WG2488236
Naphthalene	U		1.00	5.00	1	04/11/2025 14:26	WG2488236
n-Propylbenzene	U		0.0993	1.00	1	04/11/2025 14:26	WG2488236
Styrene	U		0.118	1.00	1	04/11/2025 14:26	WG2488236
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	04/11/2025 14:26	WG2488236
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	04/11/2025 14:26	WG2488236
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	04/11/2025 14:26	WG2488236
Tetrachloroethene	U		0.300	1.00	1	04/11/2025 14:26	WG2488236
Toluene	U		0.278	1.00	1	04/11/2025 14:26	WG2488236
1,2,3-Trichlorobenzene	U		0.230	1.00	1	04/11/2025 14:26	WG2488236
1,2,4-Trichlorobenzene	U		0.481	1.00	1	04/11/2025 14:26	WG2488236

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	U		0.149	1.00	1	04/11/2025 14:26	WG2488236
1,1,2-Trichloroethane	U		0.158	1.00	1	04/11/2025 14:26	WG2488236
Trichloroethene	U		0.190	1.00	1	04/11/2025 14:26	WG2488236
Trichlorofluoromethane	U		0.160	5.00	1	04/11/2025 14:26	WG2488236
1,2,3-Trichloropropane	U		0.237	2.50	1	04/11/2025 14:26	WG2488236
1,2,4-Trimethylbenzene	U		0.322	1.00	1	04/11/2025 14:26	WG2488236
1,2,3-Trimethylbenzene	U		0.104	1.00	1	04/11/2025 14:26	WG2488236
1,3,5-Trimethylbenzene	U		0.104	1.00	1	04/11/2025 14:26	WG2488236
Vinyl chloride	0.412	B J J4	0.234	1.00	1	04/11/2025 14:26	WG2488236
Xylenes, Total	U		0.174	3.00	1	04/11/2025 14:26	WG2488236
(S) Toluene-d8	98.5			80.0-120		04/11/2025 14:26	WG2488236
(S) 4-Bromofluorobenzene	100			77.0-126		04/11/2025 14:26	WG2488236
(S) 1,2-Dichloroethane-d4	100			70.0-130		04/11/2025 14:26	WG2488236

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

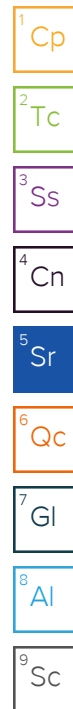
7Gl

8Al

9Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	04/11/2025 14:48	WG2488236
Acrolein	U		2.54	50.0	1	04/11/2025 14:48	WG2488236
Acrylonitrile	U		0.671	10.0	1	04/11/2025 14:48	WG2488236
Benzene	U		0.0941	1.00	1	04/11/2025 14:48	WG2488236
Bromobenzene	U		0.118	1.00	1	04/11/2025 14:48	WG2488236
Bromodichloromethane	U		0.136	1.00	1	04/11/2025 14:48	WG2488236
Bromoform	U	C3	0.129	1.00	1	04/11/2025 14:48	WG2488236
Bromomethane	U		0.605	5.00	1	04/11/2025 14:48	WG2488236
n-Butylbenzene	U		0.157	1.00	1	04/11/2025 14:48	WG2488236
sec-Butylbenzene	U		0.125	1.00	1	04/11/2025 14:48	WG2488236
tert-Butylbenzene	U		0.127	1.00	1	04/11/2025 14:48	WG2488236
Carbon tetrachloride	U		0.128	1.00	1	04/11/2025 14:48	WG2488236
Chlorobenzene	U		0.116	1.00	1	04/11/2025 14:48	WG2488236
Chlorodibromomethane	U		0.140	1.00	1	04/11/2025 14:48	WG2488236
Chloroethane	U		0.192	5.00	1	04/11/2025 14:48	WG2488236
Chloroform	2.16	J	0.111	5.00	1	04/11/2025 14:48	WG2488236
Chloromethane	U	J4	0.960	2.50	1	04/11/2025 14:48	WG2488236
2-Chlorotoluene	U		0.106	1.00	1	04/11/2025 14:48	WG2488236
4-Chlorotoluene	U		0.114	1.00	1	04/11/2025 14:48	WG2488236
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	04/11/2025 14:48	WG2488236
1,2-Dibromoethane	U		0.126	1.00	1	04/11/2025 14:48	WG2488236
Dibromomethane	U		0.122	1.00	1	04/11/2025 14:48	WG2488236
1,2-Dichlorobenzene	U		0.107	1.00	1	04/11/2025 14:48	WG2488236
1,3-Dichlorobenzene	U		0.110	1.00	1	04/11/2025 14:48	WG2488236
1,4-Dichlorobenzene	U		0.120	1.00	1	04/11/2025 14:48	WG2488236
Dichlorodifluoromethane	U	J4	0.374	5.00	1	04/11/2025 14:48	WG2488236
1,1-Dichloroethane	U		0.100	1.00	1	04/11/2025 14:48	WG2488236
1,2-Dichloroethane	U		0.0819	1.00	1	04/11/2025 14:48	WG2488236
1,1-Dichloroethene	U		0.188	1.00	1	04/11/2025 14:48	WG2488236
cis-1,2-Dichloroethene	0.275	B J	0.126	1.00	1	04/11/2025 14:48	WG2488236
trans-1,2-Dichloroethene	U		0.149	1.00	1	04/11/2025 14:48	WG2488236
1,2-Dichloropropane	U		0.149	1.00	1	04/11/2025 14:48	WG2488236
1,1-Dichloropropene	U		0.142	1.00	1	04/11/2025 14:48	WG2488236
1,3-Dichloropropane	U		0.110	1.00	1	04/11/2025 14:48	WG2488236
cis-1,3-Dichloropropene	U		0.111	1.00	1	04/11/2025 14:48	WG2488236
trans-1,3-Dichloropropene	U		0.118	1.00	1	04/11/2025 14:48	WG2488236
2,2-Dichloropropane	U		0.161	1.00	1	04/11/2025 14:48	WG2488236
Di-isopropyl ether	U		0.105	1.00	1	04/11/2025 14:48	WG2488236
Ethylbenzene	U		0.137	1.00	1	04/11/2025 14:48	WG2488236
Hexachloro-1,3-butadiene	U		0.337	1.00	1	04/11/2025 14:48	WG2488236
Isopropylbenzene	U		0.105	1.00	1	04/11/2025 14:48	WG2488236
p-Isopropyltoluene	U		0.120	1.00	1	04/11/2025 14:48	WG2488236
2-Butanone (MEK)	U		1.19	10.0	1	04/11/2025 14:48	WG2488236
Methylene Chloride	U		0.430	5.00	1	04/11/2025 14:48	WG2488236
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	04/11/2025 14:48	WG2488236
Methyl tert-butyl ether	U		0.101	1.00	1	04/11/2025 14:48	WG2488236
Naphthalene	U		1.00	5.00	1	04/11/2025 14:48	WG2488236
n-Propylbenzene	U		0.0993	1.00	1	04/11/2025 14:48	WG2488236
Styrene	U		0.118	1.00	1	04/11/2025 14:48	WG2488236
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	04/11/2025 14:48	WG2488236
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	04/11/2025 14:48	WG2488236
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	04/11/2025 14:48	WG2488236
Tetrachloroethene	U		0.300	1.00	1	04/11/2025 14:48	WG2488236
Toluene	U		0.278	1.00	1	04/11/2025 14:48	WG2488236
1,2,3-Trichlorobenzene	U		0.230	1.00	1	04/11/2025 14:48	WG2488236
1,2,4-Trichlorobenzene	U		0.481	1.00	1	04/11/2025 14:48	WG2488236



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	U		0.149	1.00	1	04/11/2025 14:48	WG2488236
1,1,2-Trichloroethane	U		0.158	1.00	1	04/11/2025 14:48	WG2488236
Trichloroethene	U		0.190	1.00	1	04/11/2025 14:48	WG2488236
Trichlorofluoromethane	U		0.160	5.00	1	04/11/2025 14:48	WG2488236
1,2,3-Trichloropropane	U		0.237	2.50	1	04/11/2025 14:48	WG2488236
1,2,4-Trimethylbenzene	U		0.322	1.00	1	04/11/2025 14:48	WG2488236
1,2,3-Trimethylbenzene	U		0.104	1.00	1	04/11/2025 14:48	WG2488236
1,3,5-Trimethylbenzene	U		0.104	1.00	1	04/11/2025 14:48	WG2488236
Vinyl chloride	U	J4	0.234	1.00	1	04/11/2025 14:48	WG2488236
Xylenes, Total	U		0.174	3.00	1	04/11/2025 14:48	WG2488236
(S) Toluene-d8	98.9			80.0-120		04/11/2025 14:48	WG2488236
(S) 4-Bromofluorobenzene	96.3			77.0-126		04/11/2025 14:48	WG2488236
(S) 1,2-Dichloroethane-d4	102			70.0-130		04/11/2025 14:48	WG2488236

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4198400-1 04/11/25 13:39

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
Mercury	U		0.0700	0.200

Laboratory Control Sample (LCS)

(LCS) R4198400-2 04/11/25 13:41

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Mercury	3.00	2.95	98.3	80.0-120	

L1846446-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1846446-07 04/11/25 13:44 • (MS) R4198400-4 04/11/25 13:54 • (MSD) R4198400-5 04/11/25 13:56

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Mercury	3.00	U	2.97	2.98	99.0	99.5	1	75.0-125			0.411	20

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

Qc

7

Gl

8

Al

9

Sc

Method Blank (MB)

(MB) R4198372-1 04/11/25 12:13

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Aluminum	U		16.0	100
Antimony	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) R4198372-2 04/11/25 12:17

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aluminum	1000	1010	101	80.0-120	
Antimony	50.0	49.5	99.1	80.0-120	
Arsenic	50.0	51.3	103	80.0-120	
Barium	50.0	48.1	96.2	80.0-120	
Beryllium	50.0	48.1	96.2	80.0-120	
Cadmium	50.0	52.3	105	80.0-120	
Calcium	5000	5040	101	80.0-120	
Chromium	50.0	51.9	104	80.0-120	
Copper	50.0	53.5	107	80.0-120	
Cobalt	50.0	52.1	104	80.0-120	
Iron	1000	1050	105	80.0-120	

Laboratory Control Sample (LCS)

(LCS) R4198372-2 04/11/25 12:17

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Lead	50.0	50.5	101	80.0-120	
Magnesium	5000	5100	102	80.0-120	
Manganese	50.0	51.8	104	80.0-120	
Nickel	50.0	52.5	105	80.0-120	
Potassium	5000	5040	101	80.0-120	
Selenium	50.0	50.5	101	80.0-120	
Silver	50.0	51.5	103	80.0-120	
Sodium	5000	5110	102	80.0-120	
Thallium	50.0	51.2	102	80.0-120	
Vanadium	50.0	51.1	102	80.0-120	
Zinc	50.0	50.3	101	80.0-120	

L1846446-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1846446-01 04/11/25 12:20 • (MS) R4198372-4 04/11/25 12:27 • (MSD) R4198372-5 04/11/25 12:30

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD %	RPD Limits %
Aluminum	1000	126	1150	1150	102	103	1	75.0-125			0.214	20
Antimony	50.0	U	53.7	53.8	107	108	1	75.0-125			0.175	20
Arsenic	50.0	2.71	55.1	56.5	105	108	1	75.0-125			2.44	20
Barium	50.0	46.7	99.6	97.0	106	101	1	75.0-125			2.63	20
Beryllium	50.0	U	49.2	48.8	98.5	97.6	1	75.0-125			0.896	20
Cadmium	50.0	U	51.2	52.5	102	105	1	75.0-125			2.58	20
Calcium	5000	243000	247000	242000	92.5	0.000	1	75.0-125		V	2.37	20
Chromium	50.0	U	51.4	52.0	103	104	1	75.0-125			1.28	20
Copper	50.0	1.87	52.3	53.5	101	103	1	75.0-125			2.31	20
Cobalt	50.0	0.727	51.9	52.7	102	104	1	75.0-125			1.52	20
Iron	1000	102	1140	1180	104	108	1	75.0-125			3.37	20
Lead	50.0	U	50.2	51.7	100	103	1	75.0-125			2.79	20
Magnesium	5000	146000	149000	146000	61.4	0.000	1	75.0-125	V	V	2.10	20
Manganese	50.0	310	362	359	103	97.9	1	75.0-125			0.700	20
Nickel	50.0	2.51	52.3	53.2	99.6	101	1	75.0-125			1.67	20
Potassium	5000	11700	16800	16700	101	98.9	1	75.0-125			0.761	20
Selenium	50.0	8.18	62.5	63.3	109	110	1	75.0-125			1.34	20
Silver	50.0	U	51.4	53.1	103	106	1	75.0-125			3.17	20
Sodium	5000	337000	354000	345000	343	163	1	75.0-125	V	V	2.57	20
Thallium	50.0	U	50.2	51.4	100	103	1	75.0-125			2.41	20
Vanadium	50.0	4.54	56.4	57.5	104	106	1	75.0-125			1.98	20
Zinc	50.0	U	50.0	52.2	100	104	1	75.0-125			4.18	20

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

Qc

7

Gl

8

Al

9

Sc

Method Blank (MB)

(MB) R4198414-3 04/11/25 11:28

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TPH (GC/FID) Low Fraction	U		31.4	100
(S) a,a,a-Trifluorotoluene(FID)	86.9			78.0-120

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

(LCS) R4198414-1 04/11/25 09:56 • (LCSD) R4198414-2 04/11/25 10:19

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	4700	4770	94.0	95.4	72.0-127			1.48	20
(S) a,a,a-Trifluorotoluene(FID)				89.9	90.3	78.0-120				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4198419-3 04/11/25 10:37

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	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	0.368	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) R4198419-3 04/11/25 10:37

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL 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	0.556	U	0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	98.8			80.0-120
(S) 4-Bromofluorobenzene	97.1			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) R4198419-1 04/11/25 09:34 • (LCSD) R4198419-2 04/11/25 09:55

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 %
Acetone	25.0	30.7	28.2	123	113	19.0-160	U	U	8.49	27
Acrolein	25.0	32.0	29.9	128	120	10.0-160	U	U	6.79	26
Acrylonitrile	25.0	35.8	35.0	143	140	55.0-149			2.26	20
Benzene	5.00	4.90	5.32	98.0	106	70.0-123			8.22	20

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

(LCS) R4198419-1 04/11/25 09:34 • (LCSD) R4198419-2 04/11/25 09:55

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	4.38	4.87	87.6	97.4	73.0-121			10.6	20
Bromodichloromethane	5.00	4.72	5.08	94.4	102	75.0-120			7.35	20
Bromoform	5.00	3.83	3.79	76.6	75.8	68.0-132			1.05	20
Bromomethane	5.00	4.83	5.58	96.6	112	10.0-160	J		14.4	25
n-Butylbenzene	5.00	4.59	5.28	91.8	106	73.0-125			14.0	20
sec-Butylbenzene	5.00	4.33	4.93	86.6	98.6	75.0-125			13.0	20
tert-Butylbenzene	5.00	4.35	4.75	87.0	95.0	76.0-124			8.79	20
Carbon tetrachloride	5.00	4.01	4.37	80.2	87.4	68.0-126			8.59	20
Chlorobenzene	5.00	4.57	4.83	91.4	96.6	80.0-121			5.53	20
Chlorodibromomethane	5.00	4.09	4.35	81.8	87.0	77.0-125			6.16	20
Chloroethane	5.00	4.26	4.95	85.2	99.0	47.0-150	J	J	15.0	20
Chloroform	5.00	5.24	5.62	105	112	73.0-120			7.00	20
Chloromethane	5.00	7.22	7.81	144	156	41.0-142	J4	J4	7.85	20
2-Chlorotoluene	5.00	4.50	5.00	90.0	100	76.0-123			10.5	20
4-Chlorotoluene	5.00	4.21	4.70	84.2	94.0	75.0-122			11.0	20
1,2-Dibromo-3-Chloropropane	5.00	4.22	4.38	84.4	87.6	58.0-134	J	J	3.72	20
1,2-Dibromoethane	5.00	4.55	4.81	91.0	96.2	80.0-122			5.56	20
Dibromomethane	5.00	5.05	5.61	101	112	80.0-120			10.5	20
1,2-Dichlorobenzene	5.00	4.69	4.90	93.8	98.0	79.0-121			4.38	20
1,3-Dichlorobenzene	5.00	4.58	4.68	91.6	93.6	79.0-120			2.16	20
1,4-Dichlorobenzene	5.00	4.42	4.77	88.4	95.4	79.0-120			7.62	20
Dichlorodifluoromethane	5.00	7.51	8.54	150	171	51.0-149	J4	J4	12.8	20
1,1-Dichloroethane	5.00	5.32	5.50	106	110	70.0-126			3.33	20
1,2-Dichloroethane	5.00	5.60	5.53	112	111	70.0-128			1.26	20
1,1-Dichloroethene	5.00	4.69	5.06	93.8	101	71.0-124			7.59	20
cis-1,2-Dichloroethene	5.00	5.42	5.82	108	116	73.0-120			7.12	20
trans-1,2-Dichloroethene	5.00	5.04	5.71	101	114	73.0-120			12.5	20
1,2-Dichloropropane	5.00	5.27	5.38	105	108	77.0-125			2.07	20
1,1-Dichloropropene	5.00	5.06	5.44	101	109	74.0-126			7.24	20
1,3-Dichloropropane	5.00	4.80	5.03	96.0	101	80.0-120			4.68	20
cis-1,3-Dichloropropene	5.00	4.75	5.00	95.0	100	80.0-123			5.13	20
trans-1,3-Dichloropropene	5.00	4.43	4.34	88.6	86.8	78.0-124			2.05	20
2,2-Dichloropropane	5.00	5.01	5.14	100	103	58.0-130			2.56	20
Di-isopropyl ether	5.00	5.34	5.56	107	111	58.0-138			4.04	20
Ethylbenzene	5.00	4.55	4.72	91.0	94.4	79.0-123			3.67	20
Hexachloro-1,3-butadiene	5.00	5.27	6.35	105	127	54.0-138			18.6	20
Isopropylbenzene	5.00	4.67	5.20	93.4	104	76.0-127			10.7	20
p-Isopropyltoluene	5.00	4.43	4.95	88.6	99.0	76.0-125			11.1	20
2-Butanone (MEK)	25.0	28.6	29.1	114	116	44.0-160			1.73	20
Methylene Chloride	5.00	5.21	5.25	104	105	67.0-120			0.765	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

(LCS) R4198419-1 04/11/25 09:34 • (LCSD) R4198419-2 04/11/25 09:55

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	25.4	26.5	102	106	68.0-142			4.24	20
Methyl tert-butyl ether	5.00	4.98	5.15	99.6	103	68.0-125			3.36	20
Naphthalene	5.00	4.30	4.62	86.0	92.4	54.0-135	J	J	7.17	20
n-Propylbenzene	5.00	4.37	4.85	87.4	97.0	77.0-124			10.4	20
Styrene	5.00	4.51	4.78	90.2	95.6	73.0-130			5.81	20
1,1,1,2-Tetrachloroethane	5.00	4.70	4.85	94.0	97.0	75.0-125			3.14	20
1,1,2,2-Tetrachloroethane	5.00	4.53	4.82	90.6	96.4	65.0-130			6.20	20
1,1,2-Trichlorotrifluoroethane	5.00	5.14	5.86	103	117	69.0-132			13.1	20
Tetrachloroethene	5.00	4.72	5.18	94.4	104	72.0-132			9.29	20
Toluene	5.00	4.46	4.84	89.2	96.8	79.0-120			8.17	20
1,2,3-Trichlorobenzene	5.00	4.60	4.98	92.0	99.6	50.0-138			7.93	20
1,2,4-Trichlorobenzene	5.00	4.67	4.94	93.4	98.8	57.0-137			5.62	20
1,1,1-Trichloroethane	5.00	5.12	5.23	102	105	73.0-124			2.13	20
1,1,2-Trichloroethane	5.00	4.67	4.96	93.4	99.2	80.0-120			6.02	20
Trichloroethene	5.00	4.86	5.23	97.2	105	78.0-124			7.33	20
Trichlorofluoromethane	5.00	5.74	6.20	115	124	59.0-147			7.71	20
1,2,3-Trichloropropane	5.00	4.91	4.92	98.2	98.4	73.0-130			0.203	20
1,2,4-Trimethylbenzene	5.00	4.52	4.84	90.4	96.8	76.0-121			6.84	20
1,2,3-Trimethylbenzene	5.00	4.59	4.99	91.8	99.8	77.0-120			8.35	20
1,3,5-Trimethylbenzene	5.00	4.42	4.78	88.4	95.6	76.0-122			7.83	20
Vinyl chloride	5.00	6.66	6.89	133	138	67.0-131	J4	J4	3.39	20
Xylenes, Total	15.0	13.8	14.3	92.0	95.3	79.0-123			3.56	20
(S) Toluene-d8				94.2	93.4	80.0-120				
(S) 4-Bromofluorobenzene				97.7	96.4	77.0-126				
(S) 1,2-Dichloroethane-d4				104	103	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4198515-1 04/11/25 12:21

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	73.5			52.0-156

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

(LCS) R4198515-2 04/11/25 12:41 • (LCSD) R4198515-3 04/11/25 13:01

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	1400	1410	93.3	94.0	50.0-150			0.712	20
(S) o-Terphenyl				88.5	86.5	52.0-156				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4198553-2 04/11/25 16:33

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-chlorethoxy)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

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4198553-2 04/11/25 16:33

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL 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	28.2			10.0-120
(S) Phenol-d5	18.9			10.0-120
(S) Nitrobenzene-d5	52.3			10.0-127
(S) 2-Fluorobiphenyl	53.1			10.0-130
(S) 2,4,6-Tribromophenol	47.9			10.0-155
(S) p-Terphenyl-d14	53.1			10.0-128

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS)

(LCS) R4198553-1 04/11/25 16:12

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	50.0	26.8	53.6	41.0-120	
Acenaphthylene	50.0	29.0	58.0	43.0-120	
Anthracene	50.0	26.5	53.0	45.0-120	
Benzidine	100	8.45	8.45	10.0-120	J J4
Benzo(a)anthracene	50.0	26.9	53.8	47.0-120	
Benzo(b)fluoranthene	50.0	26.2	52.4	46.0-120	
Benzo(k)fluoranthene	50.0	25.8	51.6	46.0-120	
Benzo(g,h,i)perylene	50.0	29.3	58.6	48.0-121	
Benzo(a)pyrene	50.0	28.2	56.4	47.0-120	
Bis(2-chlorethoxy)methane	50.0	23.4	46.8	33.0-120	
Bis(2-chloroethyl)ether	50.0	23.0	46.0	23.0-120	

Laboratory Control Sample (LCS)

(LCS) R4198553-1 04/11/25 16:12

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
2,2-Oxybis(1-Chloropropane)	50.0	22.8	45.6	28.0-120	
4-Bromophenyl-phenylether	50.0	28.4	56.8	45.0-120	
2-Chloronaphthalene	50.0	26.1	52.2	37.0-120	
4-Chlorophenyl-phenylether	50.0	28.5	57.0	44.0-120	
Chrysene	50.0	24.7	49.4	48.0-120	
Dibenz(a,h)anthracene	50.0	30.5	61.0	47.0-120	
1,2-Dichlorobenzene	50.0	22.9	45.8	20.0-120	
1,3-Dichlorobenzene	50.0	22.8	45.6	17.0-120	
1,4-Dichlorobenzene	50.0	23.9	47.8	18.0-120	
3,3-Dichlorobenzidine	100	46.9	46.9	44.0-120	
2,4-Dinitrotoluene	50.0	30.4	60.8	49.0-124	
2,6-Dinitrotoluene	50.0	28.4	56.8	46.0-120	
Fluoranthene	50.0	31.5	63.0	51.0-120	
Fluorene	50.0	28.0	56.0	47.0-120	
Hexachlorobenzene	50.0	26.5	53.0	44.0-120	
Hexachloro-1,3-butadiene	50.0	21.4	42.8	19.0-120	
Hexachlorocyclopentadiene	50.0	11.4	22.8	15.0-120	
Hexachloroethane	50.0	23.1	46.2	15.0-120	
Indeno(1,2,3-cd)pyrene	50.0	31.8	63.6	49.0-122	
Isophorone	50.0	23.5	47.0	36.0-120	
Naphthalene	50.0	22.5	45.0	27.0-120	
Nitrobenzene	50.0	22.7	45.4	27.0-120	
n-Nitrosodimethylamine	50.0	13.8	27.6	10.0-120	
n-Nitrosodiphenylamine	50.0	27.6	55.2	47.0-120	
n-Nitrosodi-n-propylamine	50.0	24.6	49.2	31.0-120	
Phenanthrene	50.0	25.9	51.8	46.0-120	
Benzylbutyl phthalate	50.0	25.5	51.0	43.0-121	
Bis(2-ethylhexyl)phthalate	50.0	25.1	50.2	43.0-122	
Di-n-butyl phthalate	50.0	29.7	59.4	49.0-121	
Diethyl phthalate	50.0	28.0	56.0	48.0-122	
Dimethyl phthalate	50.0	29.1	58.2	48.0-120	
Di-n-octyl phthalate	50.0	25.5	51.0	42.0-125	
Pyrene	50.0	22.5	45.0	47.0-120	J4
1,2,4-Trichlorobenzene	50.0	22.9	45.8	24.0-120	
4-Chloro-3-methylphenol	50.0	23.6	47.2	40.0-120	
2-Chlorophenol	50.0	21.0	42.0	25.0-120	
2,4-Dichlorophenol	50.0	24.1	48.2	36.0-120	
2,4-Dimethylphenol	50.0	20.9	41.8	33.0-120	
4,6-Dinitro-2-methylphenol	50.0	35.4	70.8	38.0-138	
2,4-Dinitrophenol	50.0	29.1	58.2	10.0-120	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Laboratory Control Sample (LCS)

(LCS) R4198553-1 04/11/25 16:12

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
2-Nitrophenol	50.0	25.9	51.8	31.0-120	
4-Nitrophenol	50.0	10.6	21.2	10.0-120	
Pentachlorophenol	50.0	18.8	37.6	23.0-120	
Phenol	50.0	10.7	21.4	10.0-120	
2,4,6-Trichlorophenol	50.0	27.9	55.8	42.0-120	
(S) 2-Fluorophenol			30.3	10.0-120	
(S) Phenol-d5			21.2	10.0-120	
(S) Nitrobenzene-d5			44.2	10.0-127	
(S) 2-Fluorobiphenyl			56.0	10.0-130	
(S) 2,4,6-Tribromophenol			57.0	10.0-155	
(S) p-Terphenyl-d14			48.2	10.0-128	

L1846446-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1846446-01 04/11/25 16:54 • (MS) R4198553-3 04/11/25 17:16 • (MSD) R4198553-4 04/11/25 17:37

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 %
Acenaphthene	50.0	U	30.1	27.4	60.2	54.8	1	28.0-120			9.39	25
Acenaphthylene	50.0	U	32.9	29.7	65.8	59.4	1	31.0-121			10.2	25
Anthracene	50.0	U	29.3	29.0	58.6	58.0	1	36.0-120			1.03	23
Benzydine	100	U	8.31	8.41	8.31	8.41	1	10.0-120	J J6	J J6	1.20	37
Benzo(a)anthracene	50.0	U	27.9	27.8	55.8	55.6	1	39.0-120			0.359	23
Benzo(b)fluoranthene	50.0	U	26.3	26.2	52.6	52.4	1	37.0-120			0.381	23
Benzo(k)fluoranthene	50.0	U	26.3	26.1	52.6	52.2	1	37.0-120			0.763	26
Benzo(g,h,i)perylene	50.0	U	23.9	23.6	47.8	47.2	1	37.0-123			1.26	25
Benzo(a)pyrene	50.0	U	27.9	27.8	55.8	55.6	1	37.0-120			0.359	24
Bis(2-chlorethoxy)methane	50.0	U	24.3	21.9	48.6	43.8	1	17.0-120			10.4	31
Bis(2-chloroethyl)ether	50.0	U	23.9	21.0	47.8	42.0	1	14.0-120			12.9	33
2,2-Oxybis(1-Chloropropane)	50.0	U	23.6	21.0	47.2	42.0	1	18.0-120			11.7	34
4-Bromophenyl-phenylether	50.0	U	31.2	30.5	62.4	61.0	1	37.0-120			2.27	24
2-Chloronaphthalene	50.0	U	27.6	24.4	55.2	48.8	1	29.0-120			12.3	28
4-Chlorophenyl-phenylether	50.0	U	32.6	30.7	65.2	61.4	1	36.0-120			6.00	23
Chrysene	50.0	U	25.9	25.9	51.8	51.8	1	38.0-120			0.000	23
Dibenz(a,h)anthracene	50.0	U	27.9	25.8	55.8	51.6	1	36.0-121			7.82	24
1,2-Dichlorobenzene	50.0	U	21.8	19.6	43.6	39.2	1	18.0-120			10.6	40
1,3-Dichlorobenzene	50.0	U	21.4	19.3	42.8	38.6	1	15.0-120			10.3	40
1,4-Dichlorobenzene	50.0	U	22.5	20.0	45.0	40.0	1	17.0-120			11.8	40
3,3-Dichlorobenzidine	100	U	38.8	37.9	38.8	37.9	1	10.0-134			2.35	30
2,4-Dinitrotoluene	50.0	U	38.0	37.2	76.0	74.4	1	39.0-125			2.13	25

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

L1846446-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1846446-01 04/11/25 16:54 • (MS) R4198553-3 04/11/25 17:16 • (MSD) R4198553-4 04/11/25 17:37

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 %
2,6-Dinitrotoluene	50.0	U	35.4	33.9	70.8	67.8	1	36.0-120			4.33	27
Fluoranthene	50.0	U	33.7	34.1	67.4	68.2	1	41.0-121			1.18	22
Fluorene	50.0	U	31.6	29.5	63.2	59.0	1	37.0-120			6.87	24
Hexachlorobenzene	50.0	U	27.9	28.5	55.8	57.0	1	35.0-122			2.13	24
Hexachloro-1,3-butadiene	50.0	U	21.2	18.5	42.4	37.0	1	12.0-120			13.6	34
Hexachlorocyclopentadiene	50.0	U	13.0	12.0	26.0	24.0	1	10.0-120			8.00	33
Hexachloroethane	50.0	U	22.3	19.5	44.6	39.0	1	10.0-120			13.4	40
Indeno(1,2,3-cd)pyrene	50.0	U	27.7	25.7	55.4	51.4	1	38.0-125			7.49	24
Isophorone	50.0	U	26.3	23.0	52.6	46.0	1	21.0-120			13.4	27
Naphthalene	50.0	U	22.7	20.2	45.4	40.4	1	10.0-120			11.7	31
Nitrobenzene	50.0	U	23.9	21.4	47.8	42.8	1	12.0-120			11.0	30
n-Nitrosodimethylamine	50.0	U	16.1	15.6	32.2	31.2	1	10.0-120			3.15	40
n-Nitrosodiphenylamine	50.0	U	30.0	28.8	60.0	57.6	1	37.0-120			4.08	24
n-Nitrosodi-n-propylamine	50.0	U	27.6	24.8	55.2	49.6	1	16.0-120			10.7	30
Phenanthrene	50.0	U	28.9	27.9	57.8	55.8	1	33.0-120			3.52	22
Benzylbutyl phthalate	50.0	U	31.2	28.9	62.4	57.8	1	34.0-126			7.65	24
Bis(2-ethylhexyl)phthalate	50.0	U	24.2	23.6	48.4	47.2	1	33.0-126			2.51	25
Di-n-butyl phthalate	50.0	U	33.5	33.3	67.0	66.6	1	35.0-128			0.599	23
Diethyl phthalate	50.0	U	33.0	32.1	66.0	64.2	1	39.0-125			2.76	24
Dimethyl phthalate	50.0	U	33.7	31.7	67.4	63.4	1	37.0-120			6.12	24
Di-n-octyl phthalate	50.0	U	24.6	24.4	49.2	48.8	1	25.0-135			0.816	26
Pyrene	50.0	U	26.5	25.2	53.0	50.4	1	39.0-120			5.03	22
1,2,4-Trichlorobenzene	50.0	U	22.4	20.2	44.8	40.4	1	15.0-120			10.3	31
4-Chloro-3-methylphenol	50.0	U	28.8	26.6	57.6	53.2	1	26.0-120			7.94	27
2-Chlorophenol	50.0	U	20.2	18.3	40.4	36.6	1	18.0-120			9.87	34
2,4-Dichlorophenol	50.0	U	26.0	22.9	52.0	45.8	1	19.0-120			12.7	27
2,4-Dimethylphenol	50.0	U	22.7	20.2	45.4	40.4	1	15.0-120			11.7	28
4,6-Dinitro-2-methylphenol	50.0	U	38.5	38.9	77.0	77.8	1	10.0-144			1.03	39
2,4-Dinitrophenol	50.0	U	35.5	36.0	71.0	72.0	1	10.0-120			1.40	40
2-Nitrophenol	50.0	U	26.4	23.4	52.8	46.8	1	20.0-120			12.0	30
4-Nitrophenol	50.0	U	15.5	15.8	31.0	31.6	1	10.0-120			1.92	40
Pentachlorophenol	50.0	U	23.0	24.7	46.0	49.4	1	10.0-128			7.13	37
Phenol	50.0	U	12.0	11.5	24.0	23.0	1	10.0-120			4.26	40
2,4,6-Trichlorophenol	50.0	U	29.8	28.6	59.6	57.2	1	26.0-120			4.11	31
(S) 2-Fluorophenol					32.4	31.7		10.0-120				
(S) Phenol-d5					24.3	23.6		10.0-120				
(S) Nitrobenzene-d5					45.7	40.5		10.0-127				
(S) 2-Fluorobiphenyl					55.1	53.0		10.0-130				
(S) 2,4,6-Tribromophenol					62.0	64.0		10.0-155				
(S) p-Terphenyl-d14					53.0	51.9		10.0-128				

1Cp

2Tc

3Ss

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5Sr

6Qc

7Gl

8Al

9Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

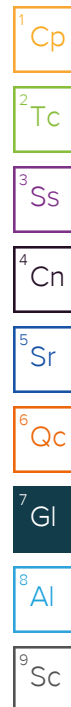
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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.
C5	The reported concentration is an estimate. The continuing calibration standard associated with this data responded high. Data is likely to show a high bias concerning the result.
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.
J4	The associated batch QC was outside the established quality control range for accuracy.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
V	The sample concentration is too high to evaluate accurate spike recoveries.



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.



Client: CTEH
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North Little Rock, AR 72118
 Telephone Number: 469 346 6794
 Email Address: labresults@cteh.com; kyle.lawrence@cteh.com;
cneal@cteh.com

Project Manager: Kyle Lawrence/Carey Neal Key:
 Project Name: Bishop Loss of Containment
 Project Number: PROJ-054919
 Collected By: Carey Neal
 Invoice/Billing Info: ctehap@montrose-env.com

W= Water
 GW=Groundwater
 SW=Surface Water
 WW=Waste Water
 L=Liquid

S=Soil | SO=Solid | O=Oil | A=Air | G=Gas || UNP=Unpres | HCL= Hydrochloric | HNO3=Nitric | H2SO4=Sulfuric | NaOH=Sodium Hydroxide

#	Sample ID	Date Sampled	Time Sampled	# of Containers	Matrix	Preservative	Analysis										Comments
							VOCs	SVOCs	DR/ORG	TAH	Total Metals	GR0					
1	GAC00410W006	4/10/25	1238	11	SW	6HCl 1H2SO4 3UNP	X	X	X	X	X						UB4644L 01
2	GAC00410W005	4/10/25	1556	11	SW	6HCl 1H2SO4 3UNP	X	X	X	X	X						02
3	GAC00410W004	4/10/25	1517	12	SW	6HCl 1H2SO4 4UNP	X	X	X	X	X						07
4	GAC00410W003	4/10/25	1442	12	SW	6HCl 1H2SO4 4UNP	X	X	X	X	X						04
5	GAC00410W002	4/10/25	1419	12	SW	6HCl 1H2SO4 4UNP	X	X	X	X	X						05
6	GAC00410W001	4/10/25	1336	12	SW	6HCl 1H2SO4 4UNP	X	X	X	X	X						06
7	GAC00410F001	4/10/25	1233	11	W	6HCl 1H2SO4 3UNP	X	X	X	X	X						03
8	GAC00410T001	4/10/25	1316	1	L	1HCl	X										08
9	GAC00410T002	4/10/25	1401	1	L	1HCl	X										09
10	GAC00410T003	4/10/25	1434	1	L	1HCl	X										10

Relinquished By: <u>Carey Neal/CTEH</u>	Date: <u>4/10/2025</u>	Time: <u>1716</u>	Received By: <u>Spencer Beightor/CTEH</u>	Date: <u>4/10/25</u>	Time: <u>1716</u>
Relinquished By: <u>Spencer Beightor/CTEH</u>	Date: <u>4/10/25</u>	Time: <u>1800</u>	Received By: <u>[Signature]</u>	Date: <u>4-10-25</u>	Time: <u>18:00</u>

Turnaround Time
☐ SAME DAY ☒ 24 Hr
☐ 48 Hr ☐ 72
☐ Standard
☐ Yes ☐ No

Sample Receipt Checklist
 COC Seal Present/Intact: Y N NP If Applicable
 COC Signed/Accurate: Y N VOA Zero Headspace: X N
 Bottles arrive intact: Y N Pres. Correct/Check: X N
 Correct bottles used: Y N
 Sufficient volume sent: Y N Condition: NCF OK
 RA Screen <0.5 mR/hr: Y N

CAC00410W006

Temp Received-

Received On Ice?

04/11/25 0930

01/31/25

Multiple Parcel Form

L#

Ua 4644

[illegible]

Chabers

Name

04.11.20

Date _____