

CTEH - ER

Sample Delivery Group: L1850922
Samples Received: 04/23/2025
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

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TABLE OF CONTENTS

Cp: Cover Page	1	
Tc: Table of Contents	2	
Ss: Sample Summary	3	
Cn: Case Narrative	6	
Sr: Sample Results	9	
GACO0422GCB001 L1850922-01	9	
GACO0422GCB002 L1850922-02	12	
GACO0422GCB003 L1850922-03	15	
GACO0422GCB004 L1850922-04	18	
GACO0422GCB005 L1850922-05	21	
GACO0422GCB006 L1850922-06	24	
GACO0422GCB007 L1850922-07	27	
GACO0422GCB008 L1850922-08	30	
GACO0422GCBC008 L1850922-09	33	
GACO0422GCBT001 L1850922-10	36	
GACO0422GCBT003 L1850922-11	38	
Qc: Quality Control Summary	40	
Total Solids by Method 2540 G-2011	40	
Wet Chemistry by Method 350.1	41	
Wet Chemistry by Method 4500NOrg D-2021	42	
Wet Chemistry by Method 9056A	44	
Wet Chemistry by Method WALKLEY-BLACK	46	
Metals (ICP) by Method 6010D	47	
Volatile Organic Compounds (GC/MS) by Method 8260D	49	
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	57	
Gl: Glossary of Terms	62	
Al: Accreditations & Locations	64	
Sc: Sample Chain of Custody	65	

SAMPLE SUMMARY

GACO0422GCB001 L1850922-01 Solid

Collected by: Alec Scott
 Collected date/time: 04/22/25 11:05
 Received date/time: 04/23/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2498456	1	04/23/25 18:18	04/28/25 17:09	AEC	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2498428	1	04/23/25 16:59	04/23/25 17:13	CMB	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2498519	1	04/23/25 19:42	04/24/25 16:16	KMB	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2501019	2	04/27/25 09:34	04/28/25 17:09	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2498456	1	04/23/25 18:18	04/24/25 01:24	AJC	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2498523	2	04/23/25 18:38	04/24/25 17:48	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2498529	1	04/23/25 19:35	04/24/25 11:13	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2498482	1	04/23/25 16:03	04/24/25 05:18	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2498479	2	04/23/25 18:01	04/24/25 03:42	JRM	Mt. Juliet, TN



GACO0422GCB002 L1850922-02 Solid

Collected by: Alec Scott
 Collected date/time: 04/22/25 11:30
 Received date/time: 04/23/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2498456	1	04/23/25 18:18	04/28/25 16:48	AEC	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2498428	1	04/23/25 16:59	04/23/25 17:13	CMB	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2498519	1	04/23/25 19:42	04/24/25 16:17	KMB	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2501019	1	04/27/25 09:34	04/28/25 16:48	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2498456	1	04/23/25 18:18	04/24/25 01:37	AJC	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2498523	2	04/23/25 18:38	04/24/25 17:49	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2498529	1	04/23/25 19:35	04/24/25 11:15	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2498482	1	04/23/25 16:03	04/24/25 04:58	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2498479	1	04/23/25 18:01	04/24/25 03:44	HLA	Mt. Juliet, TN

GACO0422GCB003 L1850922-03 Solid

Collected by: Alec Scott
 Collected date/time: 04/22/25 11:40
 Received date/time: 04/23/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2498456	1	04/23/25 18:18	04/28/25 16:49	AEC	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2498428	1	04/23/25 16:59	04/23/25 17:13	CMB	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2498519	1	04/23/25 19:42	04/24/25 16:18	KMB	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2501019	1	04/27/25 09:34	04/28/25 16:49	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2498456	1.01	04/23/25 18:18	04/24/25 01:51	AJC	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2498523	5	04/23/25 18:38	04/24/25 17:50	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2498529	1	04/23/25 19:35	04/24/25 11:17	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2498482	1	04/23/25 16:03	04/24/25 04:40	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2498479	1	04/23/25 18:01	04/24/25 04:05	HLA	Mt. Juliet, TN

GACO0422GCB004 L1850922-04 Solid

Collected by: Alec Scott
 Collected date/time: 04/22/25 11:45
 Received date/time: 04/23/25 09:00

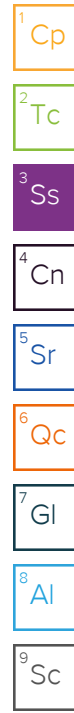
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2498456	1	04/23/25 18:18	04/28/25 16:50	AEC	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2498428	1	04/23/25 16:59	04/23/25 17:13	CMB	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2498519	1	04/23/25 19:42	04/24/25 16:20	KMB	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2501019	1	04/27/25 09:34	04/28/25 16:50	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2498456	1	04/23/25 18:18	04/24/25 02:04	AJC	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2498523	1	04/23/25 18:38	04/24/25 17:51	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2498529	1	04/23/25 19:35	04/24/25 11:05	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2498482	1	04/23/25 16:03	04/24/25 04:20	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2498479	1	04/23/25 18:01	04/24/25 02:41	JRM	Mt. Juliet, TN

SAMPLE SUMMARY

GACO0422GCB005 L1850922-05 Solid

Collected by Alec Scott Collected date/time 04/22/25 12:55 Received date/time 04/23/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2498456	1	04/23/25 18:18	04/28/25 16:51	AEC	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2498428	1	04/23/25 16:59	04/23/25 17:13	CMB	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2498519	1	04/23/25 19:42	04/24/25 16:21	KMB	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2501019	1	04/27/25 09:34	04/28/25 16:51	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2498456	1	04/23/25 18:18	04/24/25 02:18	AJC	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2498523	2	04/23/25 18:38	04/24/25 17:51	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2498529	1	04/23/25 19:35	04/24/25 11:22	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2498482	1	04/23/25 16:03	04/24/25 04:01	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2498479	1	04/23/25 18:01	04/24/25 04:25	LS	Mt. Juliet, TN



GACO0422GCB006 L1850922-06 Solid

Collected by Alec Scott Collected date/time 04/22/25 13:10 Received date/time 04/23/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2498506	1	04/23/25 21:52	04/28/25 16:53	AEC	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2498428	1	04/23/25 16:59	04/23/25 17:13	CMB	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2498519	1	04/23/25 19:42	04/24/25 16:22	KMB	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2501019	1	04/27/25 09:34	04/28/25 16:53	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2498506	1	04/23/25 21:52	04/24/25 02:37	AJC	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2498523	1	04/23/25 18:38	04/24/25 17:52	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2498529	1	04/23/25 19:35	04/24/25 11:23	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2498482	1	04/23/25 16:03	04/24/25 03:42	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2498479	1	04/23/25 18:01	04/24/25 04:46	LS	Mt. Juliet, TN

GACO0422GCB007 L1850922-07 Solid

Collected by Alec Scott Collected date/time 04/22/25 13:22 Received date/time 04/23/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2498506	1	04/23/25 21:52	04/28/25 19:09	AEC	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2498428	1	04/23/25 16:59	04/23/25 17:13	CMB	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2498519	1	04/23/25 19:42	04/24/25 16:23	KMB	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2501019	10	04/27/25 09:34	04/28/25 19:09	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2498506	1.01	04/23/25 21:52	04/24/25 03:18	AJC	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2498523	9	04/23/25 18:38	04/24/25 17:53	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2498529	1	04/23/25 19:35	04/24/25 11:25	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2498482	1	04/23/25 16:03	04/24/25 03:23	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2498479	1	04/23/25 18:01	04/24/25 03:22	JRM	Mt. Juliet, TN

GACO0422GCB008 L1850922-08 Solid

Collected by Alec Scott Collected date/time 04/22/25 13:40 Received date/time 04/23/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2498506	1	04/23/25 21:52	04/28/25 19:12	AEC	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2498428	1	04/23/25 16:59	04/23/25 17:13	CMB	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2498519	1	04/23/25 19:42	04/24/25 16:27	KMB	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2501019	10	04/27/25 09:34	04/28/25 19:12	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2498506	1	04/23/25 21:52	04/24/25 03:31	AJC	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2498523	10	04/23/25 18:38	04/24/25 17:53	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2498529	1	04/23/25 19:35	04/24/25 11:27	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2498482	1	04/23/25 16:03	04/24/25 03:04	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2498479	1	04/23/25 18:01	04/24/25 03:01	JRM	Mt. Juliet, TN

SAMPLE SUMMARY

GACO0422GCBC008 L1850922-09 Solid

Collected by: Alec Scott
 Collected date/time: 04/22/25 13:40
 Received date/time: 04/23/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2498506	1	04/23/25 21:52	04/28/25 19:14	AEC	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2498428	1	04/23/25 16:59	04/23/25 17:13	CMB	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2498519	1	04/23/25 19:42	04/24/25 16:29	KMB	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2501019	10	04/27/25 09:34	04/28/25 19:14	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2498506	5	04/23/25 21:52	04/24/25 04:12	AJC	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2498523	10	04/23/25 18:38	04/24/25 17:53	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2498529	1	04/23/25 19:35	04/24/25 11:28	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2498482	1	04/23/25 16:03	04/24/25 02:45	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2498479	2	04/23/25 18:01	04/24/25 04:03	JRM	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

GACO0422GCBT001 L1850922-10 GW

Collected by: Alec Scott
 Collected date/time: 04/22/25 09:30
 Received date/time: 04/23/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2498364	1	04/23/25 17:21	04/23/25 17:21	WHS	Mt. Juliet, TN

GACO0422GCBT003 L1850922-11 GW

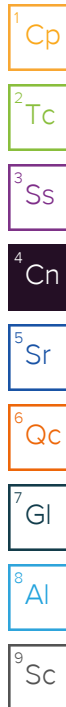
Collected by: Alec Scott
 Collected date/time: 04/22/25 09:38
 Received date/time: 04/23/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2498364	1	04/23/25 17:40	04/23/25 17:40	WHS	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



Wet Chemistry by Method 350.1

RPD value not applicable for sample concentrations less than 5 times the reporting limit.

Batch	Lab Sample ID	Analytes
WG2498519	(DUP) R4204734-6	Ammonia Nitrogen

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

Batch	Lab Sample ID	Analytes
WG2498519	(MS) R4204734-4, (MSD) R4204734-5	Ammonia Nitrogen

Wet Chemistry by Method 4500NOrg D-2021

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

Batch	Lab Sample ID	Analytes
WG2501019	(MS) R4206551-3, (MSD) R4206551-4	Kjeldahl Nitrogen, TKN

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

Batch	Lab Sample ID	Analytes
WG2501019	(MS) R4206551-6, L1850922-08	Kjeldahl Nitrogen, TKN

Wet Chemistry by Method 9056A

The same analyte is found in the associated blank.

Batch	Analyte	Lab Sample ID
WG2498456	Nitrate-Nitrite	L1850922-01, 02, 03

Metals (ICP) by Method 6010D

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

Batch	Lab Sample ID	Analytes
WG2498529	(MSD) R4204663-6, L1850922-04	Calcium and Iron

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

Batch	Lab Sample ID	Analytes
WG2498529	(MS) R4204663-5, L1850922-04	Iron

CASE NARRATIVE

Metals (ICP) by Method 6010D

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

Batch	Lab Sample ID	Analytes
WG2498529	(MSD) R4204663-6, L1850922-04	Iron 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
WG2498364	L1850922-10	Styrene and Trichlorofluoromethane
WG2498364	L1850922-11	Styrene and Trichlorofluoromethane
WG2498482	L1850922-01	1,2-Dibromo-3-Chloropropane
WG2498482	L1850922-02	1,2-Dibromo-3-Chloropropane
WG2498482	L1850922-03	1,2-Dibromo-3-Chloropropane
WG2498482	L1850922-04	1,2-Dibromo-3-Chloropropane
WG2498482	L1850922-05	1,2-Dibromo-3-Chloropropane
WG2498482	L1850922-06	1,2-Dibromo-3-Chloropropane
WG2498482	L1850922-07	1,2-Dibromo-3-Chloropropane
WG2498482	L1850922-08	1,2-Dibromo-3-Chloropropane
WG2498482	L1850922-09	1,2-Dibromo-3-Chloropropane

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

Batch	Lab Sample ID	Analytes
WG2498364	(LCS) R4204210-1, (LCSD) R4204210-2, L1850922-10, 11	Acrolein
WG2498482	(LCS) R4204306-1, (LCSD) R4204306-2, L1850922-01, 02, 03, 04, 05, 06, 07, 08, 09	Acetone, Bromomethane, 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.

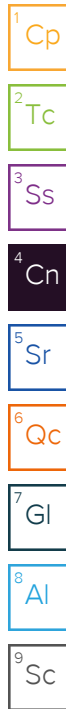
Batch	Lab Sample ID	Analytes
WG2498479	L1850922-01	Benzidine and Hexachlorocyclopentadiene
WG2498479	L1850922-02	Benzidine and Hexachlorocyclopentadiene
WG2498479	L1850922-03	Benzidine and Hexachlorocyclopentadiene
WG2498479	L1850922-04	Benzidine and Hexachlorocyclopentadiene
WG2498479	L1850922-05	Benzidine and Hexachlorocyclopentadiene
WG2498479	L1850922-06	Benzidine and Hexachlorocyclopentadiene
WG2498479	L1850922-07	Benzidine and Hexachlorocyclopentadiene
WG2498479	L1850922-08	Benzidine and Hexachlorocyclopentadiene
WG2498479	L1850922-09	Benzidine and 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
WG2498479	L1850922-01	Benzylbutyl phthalate and Di-n-octyl phthalate
WG2498479	L1850922-04	Benzylbutyl phthalate and Di-n-octyl phthalate
WG2498479	L1850922-07	Benzylbutyl phthalate and Di-n-octyl phthalate
WG2498479	L1850922-08	Benzylbutyl phthalate and Di-n-octyl phthalate
WG2498479	L1850922-09	Benzylbutyl phthalate and Di-n-octyl phthalate

Surrogate recovery limits have been exceeded; values are outside lower control limits.

Batch	Analyte	Lab Sample ID
WG2498479	Phenol-d5	(MSD) R4204227-4



CASE NARRATIVE

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

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

Batch	Lab Sample ID	Analytes
WG2498479	(MSD) R4204227-4	Phenol

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

Batch	Lab Sample ID	Analytes
WG2498479	(MSD) R4204227-4	Phenol

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	1050000		632	20800	1	04/28/2025 17:09	WG2498456

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	96.0		1	04/23/2025 17:13	WG2498428

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	U		7490	10400	1	04/24/2025 16:16	WG2498519

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	1050000		31700	41700	2	04/28/2025 17:09	WG2501019

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	1370	BJ	632	20800	1	04/24/2025 01:24	WG2498456

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	MDL ug/kg	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	11700000		51000	200000	2	04/24/2025 17:48	WG2498523

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	1650000		6340	20800	1	04/24/2025 11:13	WG2498529
Antimony	U		720	2080	1	04/24/2025 11:13	WG2498529
Beryllium	283		49.7	208	1	04/24/2025 11:13	WG2498529
Calcium	3440000		19800	104000	1	04/24/2025 11:13	WG2498529
Cobalt	2660		184	1040	1	04/24/2025 11:13	WG2498529
Iron	2180000		2330	10400	1	04/24/2025 11:13	WG2498529
Magnesium	1320000		20700	104000	1	04/24/2025 11:13	WG2498529
Manganese	177000		180	1040	1	04/24/2025 11:13	WG2498529
Potassium	1410000		21800	104000	1	04/24/2025 11:13	WG2498529
Sodium	1850000		42900	104000	1	04/24/2025 11:13	WG2498529
Thallium	U		540	2080	1	04/24/2025 11:13	WG2498529
Vanadium	6600		399	2080	1	04/24/2025 11:13	WG2498529

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

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	U	J4	39.6	54.2	1	04/24/2025 05:18	WG2498482
Acrylonitrile	U		3.91	13.6	1	04/24/2025 05:18	WG2498482
Bromobenzene	U		0.976	13.6	1	04/24/2025 05:18	WG2498482
Bromodichloromethane	U		0.786	2.71	1	04/24/2025 05:18	WG2498482
Bromoform	U		1.27	27.1	1	04/24/2025 05:18	WG2498482
Bromomethane	U	J4	2.14	13.6	1	04/24/2025 05:18	WG2498482

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
n-Butylbenzene	U		5.69	13.6	1	04/24/2025 05:18	WG2498482
sec-Butylbenzene	U		3.12	13.6	1	04/24/2025 05:18	WG2498482
tert-Butylbenzene	U		2.11	5.42	1	04/24/2025 05:18	WG2498482
Carbon tetrachloride	U		0.974	5.42	1	04/24/2025 05:18	WG2498482
Chlorobenzene	U		0.228	2.71	1	04/24/2025 05:18	WG2498482
Chlorodibromomethane	U		0.664	2.71	1	04/24/2025 05:18	WG2498482
Chloroethane	U		1.84	5.42	1	04/24/2025 05:18	WG2498482
Chloroform	U		1.12	2.71	1	04/24/2025 05:18	WG2498482
Chloromethane	U	J4	4.72	13.6	1	04/24/2025 05:18	WG2498482
2-Chlorotoluene	U		0.938	2.71	1	04/24/2025 05:18	WG2498482
4-Chlorotoluene	U		0.488	5.42	1	04/24/2025 05:18	WG2498482
1,2-Dibromo-3-Chloropropane	U	C3	4.23	27.1	1	04/24/2025 05:18	WG2498482
1,2-Dibromoethane	U		0.703	2.71	1	04/24/2025 05:18	WG2498482
Dibromomethane	U		0.813	5.42	1	04/24/2025 05:18	WG2498482
1,2-Dichlorobenzene	U		0.461	5.42	1	04/24/2025 05:18	WG2498482
1,3-Dichlorobenzene	U		0.651	5.42	1	04/24/2025 05:18	WG2498482
1,4-Dichlorobenzene	U		0.759	5.42	1	04/24/2025 05:18	WG2498482
Dichlorodifluoromethane	U	J4	1.75	5.42	1	04/24/2025 05:18	WG2498482
1,1-Dichloroethane	U		0.532	2.71	1	04/24/2025 05:18	WG2498482
1,2-Dichloroethane	U		0.704	2.71	1	04/24/2025 05:18	WG2498482
1,1-Dichloroethene	U		0.657	2.71	1	04/24/2025 05:18	WG2498482
cis-1,2-Dichloroethene	U		0.796	2.71	1	04/24/2025 05:18	WG2498482
trans-1,2-Dichloroethene	U		1.13	5.42	1	04/24/2025 05:18	WG2498482
1,2-Dichloropropane	U		1.54	5.42	1	04/24/2025 05:18	WG2498482
1,1-Dichloropropene	U		0.877	2.71	1	04/24/2025 05:18	WG2498482
1,3-Dichloropropane	U		0.543	5.42	1	04/24/2025 05:18	WG2498482
cis-1,3-Dichloropropene	U		0.821	2.71	1	04/24/2025 05:18	WG2498482
trans-1,3-Dichloropropene	U		1.24	5.42	1	04/24/2025 05:18	WG2498482
2,2-Dichloropropane	U		1.50	2.71	1	04/24/2025 05:18	WG2498482
Di-isopropyl ether	U		0.445	1.08	1	04/24/2025 05:18	WG2498482
Hexachloro-1,3-butadiene	U		6.51	27.1	1	04/24/2025 05:18	WG2498482
Isopropylbenzene	U		0.461	2.71	1	04/24/2025 05:18	WG2498482
p-Isopropyltoluene	U		2.76	5.42	1	04/24/2025 05:18	WG2498482
2-Butanone (MEK)	U		68.9	108	1	04/24/2025 05:18	WG2498482
Methylene Chloride	U		7.20	27.1	1	04/24/2025 05:18	WG2498482
4-Methyl-2-pentanone (MIBK)	U		2.47	27.1	1	04/24/2025 05:18	WG2498482
Methyl tert-butyl ether	U		0.379	1.08	1	04/24/2025 05:18	WG2498482
n-Propylbenzene	U		1.03	5.42	1	04/24/2025 05:18	WG2498482
Styrene	U		0.248	13.6	1	04/24/2025 05:18	WG2498482
1,1,1,2-Tetrachloroethane	U		1.03	2.71	1	04/24/2025 05:18	WG2498482
1,1,2,2-Tetrachloroethane	U		0.754	2.71	1	04/24/2025 05:18	WG2498482
1,1,2-Trichlorotrifluoroethane	U		0.818	2.71	1	04/24/2025 05:18	WG2498482
Tetrachloroethene	U		0.971	2.71	1	04/24/2025 05:18	WG2498482
1,2,3-Trichlorobenzene	U		7.95	13.6	1	04/24/2025 05:18	WG2498482
1,2,4-Trichlorobenzene	U		4.77	13.6	1	04/24/2025 05:18	WG2498482
1,1,1-Trichloroethane	U		1.00	2.71	1	04/24/2025 05:18	WG2498482
1,1,2-Trichloroethane	U		0.647	2.71	1	04/24/2025 05:18	WG2498482
Trichloroethene	U		0.633	1.08	1	04/24/2025 05:18	WG2498482
Trichlorofluoromethane	U		0.897	2.71	1	04/24/2025 05:18	WG2498482
1,2,3-Trichloropropane	U		1.76	13.6	1	04/24/2025 05:18	WG2498482
1,2,3-Trimethylbenzene	U		1.71	5.42	1	04/24/2025 05:18	WG2498482
Vinyl chloride	U	J4	1.26	2.71	1	04/24/2025 05:18	WG2498482
(S) Toluene-d8	97.4			75.0-131		04/24/2025 05:18	WG2498482
(S) 4-Bromofluorobenzene	101			67.0-138		04/24/2025 05:18	WG2498482
(S) 1,2-Dichloroethane-d4	94.1			70.0-130		04/24/2025 05:18	WG2498482

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

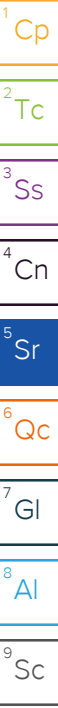
7 Gl

8 Al

9 Sc

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

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	U		9.77	69.4	2	04/24/2025 03:42	WG2498479
Benzidine	U	C7	130	3480	2	04/24/2025 03:42	WG2498479
Benzo(g,h,i)perylene	U		12.7	69.4	2	04/24/2025 03:42	WG2498479
Bis(2-chloroethoxy)methane	U		20.8	694	2	04/24/2025 03:42	WG2498479
Bis(2-chloroethyl)ether	U		22.9	694	2	04/24/2025 03:42	WG2498479
2,2-Oxybis(1-Chloropropane)	U		30.0	694	2	04/24/2025 03:42	WG2498479
4-Bromophenyl-phenylether	U		24.4	694	2	04/24/2025 03:42	WG2498479
2-Chloronaphthalene	U		12.2	69.4	2	04/24/2025 03:42	WG2498479
4-Chlorophenyl-phenylether	U		24.2	694	2	04/24/2025 03:42	WG2498479
1,2-Dichlorobenzene	U		20.5	694	2	04/24/2025 03:42	WG2498479
1,3-Dichlorobenzene	U		21.1	694	2	04/24/2025 03:42	WG2498479
1,4-Dichlorobenzene	U		20.6	694	2	04/24/2025 03:42	WG2498479
3,3-Dichlorobenzidine	U		25.6	694	2	04/24/2025 03:42	WG2498479
2,4-Dinitrotoluene	U		19.9	694	2	04/24/2025 03:42	WG2498479
2,6-Dinitrotoluene	U		22.7	694	2	04/24/2025 03:42	WG2498479
Hexachlorobenzene	U		24.6	694	2	04/24/2025 03:42	WG2498479
Hexachloro-1,3-butadiene	U		23.3	694	2	04/24/2025 03:42	WG2498479
Hexachlorocyclopentadiene	U	C7	36.5	694	2	04/24/2025 03:42	WG2498479
Hexachloroethane	U		27.3	694	2	04/24/2025 03:42	WG2498479
Isophorone	U		21.3	694	2	04/24/2025 03:42	WG2498479
Nitrobenzene	U		24.2	694	2	04/24/2025 03:42	WG2498479
n-Nitrosodimethylamine	U		103	694	2	04/24/2025 03:42	WG2498479
n-Nitrosodiphenylamine	U		52.5	694	2	04/24/2025 03:42	WG2498479
n-Nitrosodi-n-propylamine	U		23.1	694	2	04/24/2025 03:42	WG2498479
Phenanthrene	U		13.8	69.4	2	04/24/2025 03:42	WG2498479
Benzylbutyl phthalate	U	C3	21.7	694	2	04/24/2025 03:42	WG2498479
Bis(2-ethylhexyl)phthalate	U		88.0	694	2	04/24/2025 03:42	WG2498479
Di-n-butyl phthalate	U		23.8	694	2	04/24/2025 03:42	WG2498479
Diethyl phthalate	U		22.9	694	2	04/24/2025 03:42	WG2498479
Dimethyl phthalate	U		147	694	2	04/24/2025 03:42	WG2498479
Di-n-octyl phthalate	U	C3	46.9	694	2	04/24/2025 03:42	WG2498479
1,2,4-Trichlorobenzene	U		21.7	694	2	04/24/2025 03:42	WG2498479
4-Chloro-3-methylphenol	U		22.5	694	2	04/24/2025 03:42	WG2498479
2-Chlorophenol	U		22.9	694	2	04/24/2025 03:42	WG2498479
2,4-Dichlorophenol	U		20.2	694	2	04/24/2025 03:42	WG2498479
2,4-Dimethylphenol	U		18.1	694	2	04/24/2025 03:42	WG2498479
4,6-Dinitro-2-methylphenol	U		157	694	2	04/24/2025 03:42	WG2498479
2,4-Dinitrophenol	U		163	694	2	04/24/2025 03:42	WG2498479
2-Nitrophenol	U		24.8	694	2	04/24/2025 03:42	WG2498479
4-Nitrophenol	U		21.7	694	2	04/24/2025 03:42	WG2498479
Pentachlorophenol	U		18.7	694	2	04/24/2025 03:42	WG2498479
Phenol	U		27.9	694	2	04/24/2025 03:42	WG2498479
2,4,6-Trichlorophenol	U		22.3	694	2	04/24/2025 03:42	WG2498479
(S) 2-Fluorophenol	78.9			12.0-120		04/24/2025 03:42	WG2498479
(S) Phenol-d5	71.1			10.0-120		04/24/2025 03:42	WG2498479
(S) Nitrobenzene-d5	76.1			10.0-122		04/24/2025 03:42	WG2498479
(S) 2-Fluorobiphenyl	78.3			15.0-120		04/24/2025 03:42	WG2498479
(S) 2,4,6-Tribromophenol	98.0			10.0-127		04/24/2025 03:42	WG2498479
(S) p-Terphenyl-d14	82.0			10.0-120		04/24/2025 03:42	WG2498479



Sample Narrative:

L1850922-01 WG2498479: Dilution due to matrix impact during extraction procedure

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	383000		750	24800	1	04/28/2025 16:48	WG2498456

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	80.8		1	04/23/2025 17:13	WG2498428

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	U		8900	12400	1	04/24/2025 16:17	WG2498519

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	377000		18800	24800	1	04/28/2025 16:48	WG2501019

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	5830	BJ	750	24800	1	04/24/2025 01:37	WG2498456

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	MDL ug/kg	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	2570000		51000	200000	2	04/24/2025 17:49	WG2498523

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	1130000		7530	24800	1	04/24/2025 11:15	WG2498529
Antimony	U		855	2480	1	04/24/2025 11:15	WG2498529
Beryllium	162	J	59.0	248	1	04/24/2025 11:15	WG2498529
Calcium	9210000		23500	124000	1	04/24/2025 11:15	WG2498529
Cobalt	1400		219	1240	1	04/24/2025 11:15	WG2498529
Iron	1950000		2770	12400	1	04/24/2025 11:15	WG2498529
Magnesium	1540000		24600	124000	1	04/24/2025 11:15	WG2498529
Manganese	59600		214	1240	1	04/24/2025 11:15	WG2498529
Potassium	380000		25900	124000	1	04/24/2025 11:15	WG2498529
Sodium	93000	J	51000	124000	1	04/24/2025 11:15	WG2498529
Thallium	U		641	2480	1	04/24/2025 11:15	WG2498529
Vanadium	4140		474	2480	1	04/24/2025 11:15	WG2498529

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

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	U	J4	53.9	73.8	1	04/24/2025 04:58	WG2498482
Acrylonitrile	U		5.33	18.4	1	04/24/2025 04:58	WG2498482
Bromobenzene	U		1.33	18.4	1	04/24/2025 04:58	WG2498482
Bromodichloromethane	U		1.07	3.69	1	04/24/2025 04:58	WG2498482
Bromoform	U		1.73	36.9	1	04/24/2025 04:58	WG2498482
Bromomethane	U	J4	2.91	18.4	1	04/24/2025 04:58	WG2498482

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
n-Butylbenzene	U		7.75	18.4	1	04/24/2025 04:58	WG2498482
sec-Butylbenzene	U		4.25	18.4	1	04/24/2025 04:58	WG2498482
tert-Butylbenzene	U		2.88	7.38	1	04/24/2025 04:58	WG2498482
Carbon tetrachloride	U		1.32	7.38	1	04/24/2025 04:58	WG2498482
Chlorobenzene	U		0.310	3.69	1	04/24/2025 04:58	WG2498482
Chlorodibromomethane	U		0.903	3.69	1	04/24/2025 04:58	WG2498482
Chloroethane	U		2.51	7.38	1	04/24/2025 04:58	WG2498482
Chloroform	U		1.52	3.69	1	04/24/2025 04:58	WG2498482
Chloromethane	U	J4	6.42	18.4	1	04/24/2025 04:58	WG2498482
2-Chlorotoluene	U		1.28	3.69	1	04/24/2025 04:58	WG2498482
4-Chlorotoluene	U		0.664	7.38	1	04/24/2025 04:58	WG2498482
1,2-Dibromo-3-Chloropropane	U	C3	5.75	36.9	1	04/24/2025 04:58	WG2498482
1,2-Dibromoethane	U		0.956	3.69	1	04/24/2025 04:58	WG2498482
Dibromomethane	U		1.11	7.38	1	04/24/2025 04:58	WG2498482
1,2-Dichlorobenzene	U		0.627	7.38	1	04/24/2025 04:58	WG2498482
1,3-Dichlorobenzene	U		0.885	7.38	1	04/24/2025 04:58	WG2498482
1,4-Dichlorobenzene	U		1.03	7.38	1	04/24/2025 04:58	WG2498482
Dichlorodifluoromethane	U	J4	2.38	7.38	1	04/24/2025 04:58	WG2498482
1,1-Dichloroethane	U		0.724	3.69	1	04/24/2025 04:58	WG2498482
1,2-Dichloroethane	U		0.958	3.69	1	04/24/2025 04:58	WG2498482
1,1-Dichloroethene	U		0.894	3.69	1	04/24/2025 04:58	WG2498482
cis-1,2-Dichloroethene	U		1.08	3.69	1	04/24/2025 04:58	WG2498482
trans-1,2-Dichloroethene	U		1.53	7.38	1	04/24/2025 04:58	WG2498482
1,2-Dichloropropane	U		2.10	7.38	1	04/24/2025 04:58	WG2498482
1,1-Dichloropropene	U		1.19	3.69	1	04/24/2025 04:58	WG2498482
1,3-Dichloropropane	U		0.739	7.38	1	04/24/2025 04:58	WG2498482
cis-1,3-Dichloropropene	U		1.12	3.69	1	04/24/2025 04:58	WG2498482
trans-1,3-Dichloropropene	U		1.68	7.38	1	04/24/2025 04:58	WG2498482
2,2-Dichloropropane	U		2.04	3.69	1	04/24/2025 04:58	WG2498482
Di-isopropyl ether	U		0.605	1.48	1	04/24/2025 04:58	WG2498482
Hexachloro-1,3-butadiene	U		8.85	36.9	1	04/24/2025 04:58	WG2498482
Isopropylbenzene	U		0.627	3.69	1	04/24/2025 04:58	WG2498482
p-Isopropyltoluene	U		3.76	7.38	1	04/24/2025 04:58	WG2498482
2-Butanone (MEK)	U		93.7	148	1	04/24/2025 04:58	WG2498482
Methylene Chloride	U		9.80	36.9	1	04/24/2025 04:58	WG2498482
4-Methyl-2-pentanone (MIBK)	U		3.36	36.9	1	04/24/2025 04:58	WG2498482
Methyl tert-butyl ether	U		0.516	1.48	1	04/24/2025 04:58	WG2498482
n-Propylbenzene	U		1.40	7.38	1	04/24/2025 04:58	WG2498482
Styrene	U		0.338	18.4	1	04/24/2025 04:58	WG2498482
1,1,1,2-Tetrachloroethane	U		1.40	3.69	1	04/24/2025 04:58	WG2498482
1,1,2,2-Tetrachloroethane	U		1.03	3.69	1	04/24/2025 04:58	WG2498482
1,1,2-Trichlorotrifluoroethane	U		1.11	3.69	1	04/24/2025 04:58	WG2498482
Tetrachloroethene	U		1.32	3.69	1	04/24/2025 04:58	WG2498482
1,2,3-Trichlorobenzene	U		10.8	18.4	1	04/24/2025 04:58	WG2498482
1,2,4-Trichlorobenzene	U		6.49	18.4	1	04/24/2025 04:58	WG2498482
1,1,1-Trichloroethane	U		1.36	3.69	1	04/24/2025 04:58	WG2498482
1,1,2-Trichloroethane	U		0.881	3.69	1	04/24/2025 04:58	WG2498482
Trichloroethene	U		0.862	1.48	1	04/24/2025 04:58	WG2498482
Trichlorofluoromethane	U		1.22	3.69	1	04/24/2025 04:58	WG2498482
1,2,3-Trichloropropane	U		2.39	18.4	1	04/24/2025 04:58	WG2498482
1,2,3-Trimethylbenzene	U		2.33	7.38	1	04/24/2025 04:58	WG2498482
Vinyl chloride	U	J4	1.71	3.69	1	04/24/2025 04:58	WG2498482
(S) Toluene-d8	98.3			75.0-131		04/24/2025 04:58	WG2498482
(S) 4-Bromofluorobenzene	101			67.0-138		04/24/2025 04:58	WG2498482
(S) 1,2-Dichloroethane-d4	95.4			70.0-130		04/24/2025 04:58	WG2498482

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 (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	U		5.80	41.2	1	04/24/2025 03:44	WG2498479
Benzidine	U	C7	77.5	2070	1	04/24/2025 03:44	WG2498479
Benzo(g,h,i)perylene	U		7.54	41.2	1	04/24/2025 03:44	WG2498479
Bis(2-chloroethoxy)methane	U		12.4	412	1	04/24/2025 03:44	WG2498479
Bis(2-chloroethyl)ether	U		13.6	412	1	04/24/2025 03:44	WG2498479
2,2-Oxybis(1-Chloropropane)	U		17.8	412	1	04/24/2025 03:44	WG2498479
4-Bromophenyl-phenylether	U		14.5	412	1	04/24/2025 03:44	WG2498479
2-Chloronaphthalene	U		7.24	41.2	1	04/24/2025 03:44	WG2498479
4-Chlorophenyl-phenylether	U		14.4	412	1	04/24/2025 03:44	WG2498479
1,2-Dichlorobenzene	U		12.2	412	1	04/24/2025 03:44	WG2498479
1,3-Dichlorobenzene	U		12.5	412	1	04/24/2025 03:44	WG2498479
1,4-Dichlorobenzene	U		12.3	412	1	04/24/2025 03:44	WG2498479
3,3-Dichlorobenzidine	U		15.2	412	1	04/24/2025 03:44	WG2498479
2,4-Dinitrotoluene	U		11.8	412	1	04/24/2025 03:44	WG2498479
2,6-Dinitrotoluene	U		13.5	412	1	04/24/2025 03:44	WG2498479
Hexachlorobenzene	U		14.6	412	1	04/24/2025 03:44	WG2498479
Hexachloro-1,3-butadiene	U		13.9	412	1	04/24/2025 03:44	WG2498479
Hexachlorocyclopentadiene	U	C7	21.7	412	1	04/24/2025 03:44	WG2498479
Hexachloroethane	U		16.2	412	1	04/24/2025 03:44	WG2498479
Isophorone	U		12.6	412	1	04/24/2025 03:44	WG2498479
Nitrobenzene	U		14.4	412	1	04/24/2025 03:44	WG2498479
n-Nitrosodimethylamine	U		61.1	412	1	04/24/2025 03:44	WG2498479
n-Nitrosodiphenylamine	U		31.2	412	1	04/24/2025 03:44	WG2498479
n-Nitrosodi-n-propylamine	U		13.7	412	1	04/24/2025 03:44	WG2498479
Phenanthrene	9.88	J	8.18	41.2	1	04/24/2025 03:44	WG2498479
Benzylbutyl phthalate	U		12.9	412	1	04/24/2025 03:44	WG2498479
Bis(2-ethylhexyl)phthalate	U		52.2	412	1	04/24/2025 03:44	WG2498479
Di-n-butyl phthalate	U		14.1	412	1	04/24/2025 03:44	WG2498479
Diethyl phthalate	U		13.6	412	1	04/24/2025 03:44	WG2498479
Dimethyl phthalate	U		87.4	412	1	04/24/2025 03:44	WG2498479
Di-n-octyl phthalate	U		27.8	412	1	04/24/2025 03:44	WG2498479
1,2,4-Trichlorobenzene	U		12.9	412	1	04/24/2025 03:44	WG2498479
4-Chloro-3-methylphenol	U		13.4	412	1	04/24/2025 03:44	WG2498479
2-Chlorophenol	U		13.6	412	1	04/24/2025 03:44	WG2498479
2,4-Dichlorophenol	U		12.0	412	1	04/24/2025 03:44	WG2498479
2,4-Dimethylphenol	U		10.8	412	1	04/24/2025 03:44	WG2498479
4,6-Dinitro-2-methylphenol	U		93.4	412	1	04/24/2025 03:44	WG2498479
2,4-Dinitrophenol	U		96.4	412	1	04/24/2025 03:44	WG2498479
2-Nitrophenol	U		14.7	412	1	04/24/2025 03:44	WG2498479
4-Nitrophenol	U		12.9	412	1	04/24/2025 03:44	WG2498479
Pentachlorophenol	U		11.1	412	1	04/24/2025 03:44	WG2498479
Phenol	U		16.6	412	1	04/24/2025 03:44	WG2498479
2,4,6-Trichlorophenol	U		13.2	412	1	04/24/2025 03:44	WG2498479
(S) 2-Fluorophenol	83.1			12.0-120		04/24/2025 03:44	WG2498479
(S) Phenol-d5	74.1			10.0-120		04/24/2025 03:44	WG2498479
(S) Nitrobenzene-d5	75.5			10.0-122		04/24/2025 03:44	WG2498479
(S) 2-Fluorobiphenyl	75.2			15.0-120		04/24/2025 03:44	WG2498479
(S) 2,4,6-Tribromophenol	80.0			10.0-127		04/24/2025 03:44	WG2498479
(S) p-Terphenyl-d14	80.4			10.0-120		04/24/2025 03:44	WG2498479

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	566000		696	22800	1	04/28/2025 16:49	WG2498456

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	87.9		1	04/23/2025 17:13	WG2498428

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	U		8180	11400	1	04/24/2025 16:18	WG2498519

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	562000		17300	22800	1	04/28/2025 16:49	WG2501019

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	3710	BJ	696	23000	1.01	04/24/2025 01:51	WG2498456

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	MDL ug/kg	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	4620000		128000	500000	5	04/24/2025 17:50	WG2498523

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	1980000		6920	22800	1	04/24/2025 11:17	WG2498529
Antimony	U		786	2280	1	04/24/2025 11:17	WG2498529
Beryllium	308		54.3	228	1	04/24/2025 11:17	WG2498529
Calcium	4910000		21600	114000	1	04/24/2025 11:17	WG2498529
Cobalt	2810		201	1140	1	04/24/2025 11:17	WG2498529
Iron	3040000		2550	11400	1	04/24/2025 11:17	WG2498529
Magnesium	1520000		22600	114000	1	04/24/2025 11:17	WG2498529
Manganese	160000		197	1140	1	04/24/2025 11:17	WG2498529
Potassium	551000		23800	114000	1	04/24/2025 11:17	WG2498529
Sodium	119000		46900	114000	1	04/24/2025 11:17	WG2498529
Thallium	U		589	2280	1	04/24/2025 11:17	WG2498529
Vanadium	7500		436	2280	1	04/24/2025 11:17	WG2498529

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

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	U	J4	46.6	63.8	1	04/24/2025 04:40	WG2498482
Acrylonitrile	U		4.61	16.0	1	04/24/2025 04:40	WG2498482
Bromobenzene	U		1.15	16.0	1	04/24/2025 04:40	WG2498482
Bromodichloromethane	U		0.925	3.19	1	04/24/2025 04:40	WG2498482
Bromoform	U		1.49	31.9	1	04/24/2025 04:40	WG2498482
Bromomethane	U	J4	2.51	16.0	1	04/24/2025 04:40	WG2498482

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
n-Butylbenzene	U		6.70	16.0	1	04/24/2025 04:40	WG2498482
sec-Butylbenzene	U		3.67	16.0	1	04/24/2025 04:40	WG2498482
tert-Butylbenzene	U		2.49	6.38	1	04/24/2025 04:40	WG2498482
Carbon tetrachloride	U		1.15	6.38	1	04/24/2025 04:40	WG2498482
Chlorobenzene	U		0.268	3.19	1	04/24/2025 04:40	WG2498482
Chlorodibromomethane	U		0.781	3.19	1	04/24/2025 04:40	WG2498482
Chloroethane	U		2.17	6.38	1	04/24/2025 04:40	WG2498482
Chloroform	U		1.31	3.19	1	04/24/2025 04:40	WG2498482
Chloromethane	U	J4	5.55	16.0	1	04/24/2025 04:40	WG2498482
2-Chlorotoluene	U		1.10	3.19	1	04/24/2025 04:40	WG2498482
4-Chlorotoluene	U		0.574	6.38	1	04/24/2025 04:40	WG2498482
1,2-Dibromo-3-Chloropropane	U	C3	4.98	31.9	1	04/24/2025 04:40	WG2498482
1,2-Dibromoethane	U		0.827	3.19	1	04/24/2025 04:40	WG2498482
Dibromomethane	U		0.957	6.38	1	04/24/2025 04:40	WG2498482
1,2-Dichlorobenzene	U		0.542	6.38	1	04/24/2025 04:40	WG2498482
1,3-Dichlorobenzene	U		0.766	6.38	1	04/24/2025 04:40	WG2498482
1,4-Dichlorobenzene	U		0.893	6.38	1	04/24/2025 04:40	WG2498482
Dichlorodifluoromethane	U	J4	2.05	6.38	1	04/24/2025 04:40	WG2498482
1,1-Dichloroethane	U		0.627	3.19	1	04/24/2025 04:40	WG2498482
1,2-Dichloroethane	U		0.828	3.19	1	04/24/2025 04:40	WG2498482
1,1-Dichloroethene	U		0.773	3.19	1	04/24/2025 04:40	WG2498482
cis-1,2-Dichloroethene	U		0.937	3.19	1	04/24/2025 04:40	WG2498482
trans-1,2-Dichloroethene	U		1.33	6.38	1	04/24/2025 04:40	WG2498482
1,2-Dichloropropane	U		1.81	6.38	1	04/24/2025 04:40	WG2498482
1,1-Dichloropropene	U		1.03	3.19	1	04/24/2025 04:40	WG2498482
1,3-Dichloropropane	U		0.639	6.38	1	04/24/2025 04:40	WG2498482
cis-1,3-Dichloropropene	U		0.966	3.19	1	04/24/2025 04:40	WG2498482
trans-1,3-Dichloropropene	U		1.45	6.38	1	04/24/2025 04:40	WG2498482
2,2-Dichloropropane	U		1.76	3.19	1	04/24/2025 04:40	WG2498482
Di-isopropyl ether	U		0.523	1.28	1	04/24/2025 04:40	WG2498482
Hexachloro-1,3-butadiene	U		7.66	31.9	1	04/24/2025 04:40	WG2498482
Isopropylbenzene	U		0.542	3.19	1	04/24/2025 04:40	WG2498482
p-Isopropyltoluene	U		3.25	6.38	1	04/24/2025 04:40	WG2498482
2-Butanone (MEK)	U		81.0	128	1	04/24/2025 04:40	WG2498482
Methylene Chloride	U		8.47	31.9	1	04/24/2025 04:40	WG2498482
4-Methyl-2-pentanone (MIBK)	U		2.91	31.9	1	04/24/2025 04:40	WG2498482
Methyl tert-butyl ether	U		0.447	1.28	1	04/24/2025 04:40	WG2498482
n-Propylbenzene	U		1.21	6.38	1	04/24/2025 04:40	WG2498482
Styrene	U		0.292	16.0	1	04/24/2025 04:40	WG2498482
1,1,1,2-Tetrachloroethane	U		1.21	3.19	1	04/24/2025 04:40	WG2498482
1,1,2,2-Tetrachloroethane	U		0.887	3.19	1	04/24/2025 04:40	WG2498482
1,1,2-Trichlorotrifluoroethane	U		0.962	3.19	1	04/24/2025 04:40	WG2498482
Tetrachloroethene	U		1.14	3.19	1	04/24/2025 04:40	WG2498482
1,2,3-Trichlorobenzene	U		9.35	16.0	1	04/24/2025 04:40	WG2498482
1,2,4-Trichlorobenzene	U		5.61	16.0	1	04/24/2025 04:40	WG2498482
1,1,1-Trichloroethane	U		1.18	3.19	1	04/24/2025 04:40	WG2498482
1,1,2-Trichloroethane	U		0.762	3.19	1	04/24/2025 04:40	WG2498482
Trichloroethene	U		0.745	1.28	1	04/24/2025 04:40	WG2498482
Trichlorofluoromethane	U		1.06	3.19	1	04/24/2025 04:40	WG2498482
1,2,3-Trichloropropane	U		2.07	16.0	1	04/24/2025 04:40	WG2498482
1,2,3-Trimethylbenzene	U		2.02	6.38	1	04/24/2025 04:40	WG2498482
Vinyl chloride	U	J4	1.48	3.19	1	04/24/2025 04:40	WG2498482
(S) Toluene-d8	99.6			75.0-131		04/24/2025 04:40	WG2498482
(S) 4-Bromofluorobenzene	101			67.0-138		04/24/2025 04:40	WG2498482
(S) 1,2-Dichloroethane-d4	93.3			70.0-130		04/24/2025 04:40	WG2498482

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 (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	U		5.34	37.9	1	04/24/2025 04:05	WG2498479
Benzidine	U	C7	71.2	1900	1	04/24/2025 04:05	WG2498479
Benzo(g,h,i)perylene	U		6.93	37.9	1	04/24/2025 04:05	WG2498479
Bis(2-chloroethoxy)methane	U		11.4	379	1	04/24/2025 04:05	WG2498479
Bis(2-chloroethyl)ether	U		12.5	379	1	04/24/2025 04:05	WG2498479
2,2-Oxybis(1-Chloropropane)	U		16.4	379	1	04/24/2025 04:05	WG2498479
4-Bromophenyl-phenylether	U		13.3	379	1	04/24/2025 04:05	WG2498479
2-Chloronaphthalene	U		6.66	37.9	1	04/24/2025 04:05	WG2498479
4-Chlorophenyl-phenylether	U		13.2	379	1	04/24/2025 04:05	WG2498479
1,2-Dichlorobenzene	U		11.2	379	1	04/24/2025 04:05	WG2498479
1,3-Dichlorobenzene	U		11.5	379	1	04/24/2025 04:05	WG2498479
1,4-Dichlorobenzene	U		11.3	379	1	04/24/2025 04:05	WG2498479
3,3-Dichlorobenzidine	U		14.0	379	1	04/24/2025 04:05	WG2498479
2,4-Dinitrotoluene	U		10.9	379	1	04/24/2025 04:05	WG2498479
2,6-Dinitrotoluene	U		12.4	379	1	04/24/2025 04:05	WG2498479
Hexachlorobenzene	U		13.4	379	1	04/24/2025 04:05	WG2498479
Hexachloro-1,3-butadiene	U		12.7	379	1	04/24/2025 04:05	WG2498479
Hexachlorocyclopentadiene	U	C7	19.9	379	1	04/24/2025 04:05	WG2498479
Hexachloroethane	U		14.9	379	1	04/24/2025 04:05	WG2498479
Isophorone	U		11.6	379	1	04/24/2025 04:05	WG2498479
Nitrobenzene	U		13.2	379	1	04/24/2025 04:05	WG2498479
n-Nitrosodimethylamine	U		56.2	379	1	04/24/2025 04:05	WG2498479
n-Nitrosodiphenylamine	U		28.7	379	1	04/24/2025 04:05	WG2498479
n-Nitrosodi-n-propylamine	U		12.6	379	1	04/24/2025 04:05	WG2498479
Phenanthrene	U		7.52	37.9	1	04/24/2025 04:05	WG2498479
Benzylbutyl phthalate	U		11.8	379	1	04/24/2025 04:05	WG2498479
Bis(2-ethylhexyl)phthalate	U		48.0	379	1	04/24/2025 04:05	WG2498479
Di-n-butyl phthalate	U		13.0	379	1	04/24/2025 04:05	WG2498479
Diethyl phthalate	U		12.5	379	1	04/24/2025 04:05	WG2498479
Dimethyl phthalate	U		80.3	379	1	04/24/2025 04:05	WG2498479
Di-n-octyl phthalate	U		25.6	379	1	04/24/2025 04:05	WG2498479
1,2,4-Trichlorobenzene	U		11.8	379	1	04/24/2025 04:05	WG2498479
4-Chloro-3-methylphenol	U		12.3	379	1	04/24/2025 04:05	WG2498479
2-Chlorophenol	U		12.5	379	1	04/24/2025 04:05	WG2498479
2,4-Dichlorophenol	U		11.0	379	1	04/24/2025 04:05	WG2498479
2,4-Dimethylphenol	U		9.90	379	1	04/24/2025 04:05	WG2498479
4,6-Dinitro-2-methylphenol	U		85.9	379	1	04/24/2025 04:05	WG2498479
2,4-Dinitrophenol	U		88.6	379	1	04/24/2025 04:05	WG2498479
2-Nitrophenol	U		13.5	379	1	04/24/2025 04:05	WG2498479
4-Nitrophenol	U		11.8	379	1	04/24/2025 04:05	WG2498479
Pentachlorophenol	U		10.2	379	1	04/24/2025 04:05	WG2498479
Phenol	U		15.2	379	1	04/24/2025 04:05	WG2498479
2,4,6-Trichlorophenol	U		12.2	379	1	04/24/2025 04:05	WG2498479
(S) 2-Fluorophenol	84.8			12.0-120		04/24/2025 04:05	WG2498479
(S) Phenol-d5	76.8			10.0-120		04/24/2025 04:05	WG2498479
(S) Nitrobenzene-d5	77.7			10.0-122		04/24/2025 04:05	WG2498479
(S) 2-Fluorobiphenyl	82.1			15.0-120		04/24/2025 04:05	WG2498479
(S) 2,4,6-Tribromophenol	85.3			10.0-127		04/24/2025 04:05	WG2498479
(S) p-Terphenyl-d14	83.4			10.0-120		04/24/2025 04:05	WG2498479

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	235000		607	20000	1	04/28/2025 16:50	WG2498456

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	99.8		1	04/23/2025 17:13	WG2498428

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	U		7210	10000	1	04/24/2025 16:20	WG2498519

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	224000		15200	20000	1	04/28/2025 16:50	WG2501019

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	10500	<u>J</u>	607	20000	1	04/24/2025 02:04	WG2498456

Wet Chemistry by Method WALKLEY-BLACK

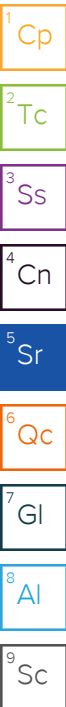
Analyte	Result ug/kg	Qualifier	MDL ug/kg	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	2440000		25500	100000	1	04/24/2025 17:51	WG2498523

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	412000		6090	20000	1	04/24/2025 11:05	WG2498529
Antimony	U		693	2000	1	04/24/2025 11:05	WG2498529
Beryllium	61.4	<u>J</u>	47.8	200	1	04/24/2025 11:05	WG2498529
Calcium	3360000	<u>J6</u>	19000	100000	1	04/24/2025 11:05	WG2498529
Cobalt	794	<u>J</u>	177	1000	1	04/24/2025 11:05	WG2498529
Iron	965000	<u>J3 J5 J6</u>	2250	10000	1	04/24/2025 11:05	WG2498529
Magnesium	365000		19900	100000	1	04/24/2025 11:05	WG2498529
Manganese	46300		173	1000	1	04/24/2025 11:05	WG2498529
Potassium	348000		21000	100000	1	04/24/2025 11:05	WG2498529
Sodium	U	<u>J3</u>	41300	100000	1	04/24/2025 11:05	WG2498529
Thallium	U		519	2000	1	04/24/2025 11:05	WG2498529
Vanadium	1880	<u>J</u>	384	2000	1	04/24/2025 11:05	WG2498529

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

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	U	<u>J4</u>	36.7	50.2	1	04/24/2025 04:20	WG2498482
Acrylonitrile	U		3.63	12.6	1	04/24/2025 04:20	WG2498482
Bromobenzene	U		0.904	12.6	1	04/24/2025 04:20	WG2498482
Bromodichloromethane	U		0.729	2.51	1	04/24/2025 04:20	WG2498482
Bromoform	U		1.18	25.1	1	04/24/2025 04:20	WG2498482
Bromomethane	U	<u>J4</u>	1.98	12.6	1	04/24/2025 04:20	WG2498482



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

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
n-Butylbenzene	U		5.28	12.6	1	04/24/2025 04:20	WG2498482
sec-Butylbenzene	U		2.89	12.6	1	04/24/2025 04:20	WG2498482
tert-Butylbenzene	U		1.96	5.02	1	04/24/2025 04:20	WG2498482
Carbon tetrachloride	U		0.902	5.02	1	04/24/2025 04:20	WG2498482
Chlorobenzene	U		0.211	2.51	1	04/24/2025 04:20	WG2498482
Chlorodibromomethane	U		0.615	2.51	1	04/24/2025 04:20	WG2498482
Chloroethane	U		1.71	5.02	1	04/24/2025 04:20	WG2498482
Chloroform	U		1.04	2.51	1	04/24/2025 04:20	WG2498482
Chloromethane	U	J4	4.37	12.6	1	04/24/2025 04:20	WG2498482
2-Chlorotoluene	U		0.869	2.51	1	04/24/2025 04:20	WG2498482
4-Chlorotoluene	U		0.452	5.02	1	04/24/2025 04:20	WG2498482
1,2-Dibromo-3-Chloropropane	U	C3	3.92	25.1	1	04/24/2025 04:20	WG2498482
1,2-Dibromoethane	U		0.651	2.51	1	04/24/2025 04:20	WG2498482
Dibromomethane	U		0.754	5.02	1	04/24/2025 04:20	WG2498482
1,2-Dichlorobenzene	U		0.427	5.02	1	04/24/2025 04:20	WG2498482
1,3-Dichlorobenzene	U		0.603	5.02	1	04/24/2025 04:20	WG2498482
1,4-Dichlorobenzene	U		0.703	5.02	1	04/24/2025 04:20	WG2498482
Dichlorodifluoromethane	U	J4	1.62	5.02	1	04/24/2025 04:20	WG2498482
1,1-Dichloroethane	U		0.493	2.51	1	04/24/2025 04:20	WG2498482
1,2-Dichloroethane	U		0.652	2.51	1	04/24/2025 04:20	WG2498482
1,1-Dichloroethene	U		0.609	2.51	1	04/24/2025 04:20	WG2498482
cis-1,2-Dichloroethene	U		0.738	2.51	1	04/24/2025 04:20	WG2498482
trans-1,2-Dichloroethene	U		1.05	5.02	1	04/24/2025 04:20	WG2498482
1,2-Dichloropropane	U		1.43	5.02	1	04/24/2025 04:20	WG2498482
1,1-Dichloropropene	U		0.813	2.51	1	04/24/2025 04:20	WG2498482
1,3-Dichloropropane	U		0.503	5.02	1	04/24/2025 04:20	WG2498482
cis-1,3-Dichloropropene	U		0.761	2.51	1	04/24/2025 04:20	WG2498482
trans-1,3-Dichloropropene	U		1.15	5.02	1	04/24/2025 04:20	WG2498482
2,2-Dichloropropane	U		1.39	2.51	1	04/24/2025 04:20	WG2498482
Di-isopropyl ether	U		0.412	1.00	1	04/24/2025 04:20	WG2498482
Hexachloro-1,3-butadiene	U		6.03	25.1	1	04/24/2025 04:20	WG2498482
Isopropylbenzene	U		0.427	2.51	1	04/24/2025 04:20	WG2498482
p-Isopropyltoluene	U		2.56	5.02	1	04/24/2025 04:20	WG2498482
2-Butanone (MEK)	U		63.8	100	1	04/24/2025 04:20	WG2498482
Methylene Chloride	U		6.67	25.1	1	04/24/2025 04:20	WG2498482
4-Methyl-2-pentanone (MIBK)	U		2.29	25.1	1	04/24/2025 04:20	WG2498482
Methyl tert-butyl ether	U		0.352	1.00	1	04/24/2025 04:20	WG2498482
n-Propylbenzene	U		0.955	5.02	1	04/24/2025 04:20	WG2498482
Styrene	U		0.230	12.6	1	04/24/2025 04:20	WG2498482
1,1,1,2-Tetrachloroethane	U		0.953	2.51	1	04/24/2025 04:20	WG2498482
1,1,2,2-Tetrachloroethane	U		0.698	2.51	1	04/24/2025 04:20	WG2498482
1,1,2-Trichlorotrifluoroethane	U		0.758	2.51	1	04/24/2025 04:20	WG2498482
Tetrachloroethene	U		0.900	2.51	1	04/24/2025 04:20	WG2498482
1,2,3-Trichlorobenzene	U		7.37	12.6	1	04/24/2025 04:20	WG2498482
1,2,4-Trichlorobenzene	U		4.42	12.6	1	04/24/2025 04:20	WG2498482
1,1,1-Trichloroethane	U		0.928	2.51	1	04/24/2025 04:20	WG2498482
1,1,2-Trichloroethane	U		0.600	2.51	1	04/24/2025 04:20	WG2498482
Trichloroethene	U		0.587	1.00	1	04/24/2025 04:20	WG2498482
Trichlorofluoromethane	U		0.831	2.51	1	04/24/2025 04:20	WG2498482
1,2,3-Trichloropropane	U		1.63	12.6	1	04/24/2025 04:20	WG2498482
1,2,3-Trimethylbenzene	U		1.59	5.02	1	04/24/2025 04:20	WG2498482
Vinyl chloride	U	J4	1.17	2.51	1	04/24/2025 04:20	WG2498482
(S) Toluene-d8	99.6			75.0-131		04/24/2025 04:20	WG2498482
(S) 4-Bromofluorobenzene	103			67.0-138		04/24/2025 04:20	WG2498482
(S) 1,2-Dichloroethane-d4	95.3			70.0-130		04/24/2025 04:20	WG2498482

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 (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	U		4.70	33.4	1	04/24/2025 02:41	WG2498479
Benzidine	U	C7	62.8	1670	1	04/24/2025 02:41	WG2498479
Benzo(g,h,i)perylene	U		6.10	33.4	1	04/24/2025 02:41	WG2498479
Bis(2-chloroethoxy)methane	U		10.0	334	1	04/24/2025 02:41	WG2498479
Bis(2-chloroethyl)ether	U		11.0	334	1	04/24/2025 02:41	WG2498479
2,2-Oxybis(1-Chloropropane)	U		14.4	334	1	04/24/2025 02:41	WG2498479
4-Bromophenyl-phenylether	U		11.7	334	1	04/24/2025 02:41	WG2498479
2-Chloronaphthalene	U		5.86	33.4	1	04/24/2025 02:41	WG2498479
4-Chlorophenyl-phenylether	U		11.6	334	1	04/24/2025 02:41	WG2498479
1,2-Dichlorobenzene	U		9.89	334	1	04/24/2025 02:41	WG2498479
1,3-Dichlorobenzene	U		10.1	334	1	04/24/2025 02:41	WG2498479
1,4-Dichlorobenzene	U		9.93	334	1	04/24/2025 02:41	WG2498479
3,3-Dichlorobenzidine	U		12.3	334	1	04/24/2025 02:41	WG2498479
2,4-Dinitrotoluene	U		9.57	334	1	04/24/2025 02:41	WG2498479
2,6-Dinitrotoluene	U		10.9	334	1	04/24/2025 02:41	WG2498479
Hexachlorobenzene	U		11.8	334	1	04/24/2025 02:41	WG2498479
Hexachloro-1,3-butadiene	U		11.2	334	1	04/24/2025 02:41	WG2498479
Hexachlorocyclopentadiene	U	C7	17.5	334	1	04/24/2025 02:41	WG2498479
Hexachloroethane	U		13.1	334	1	04/24/2025 02:41	WG2498479
Isophorone	U		10.2	334	1	04/24/2025 02:41	WG2498479
Nitrobenzene	U		11.6	334	1	04/24/2025 02:41	WG2498479
n-Nitrosodimethylamine	U		49.5	334	1	04/24/2025 02:41	WG2498479
n-Nitrosodiphenylamine	U		25.3	334	1	04/24/2025 02:41	WG2498479
n-Nitrosodi-n-propylamine	U		11.1	334	1	04/24/2025 02:41	WG2498479
Phenanthrene	U		6.63	33.4	1	04/24/2025 02:41	WG2498479
Benzylbutyl phthalate	U	C3	10.4	334	1	04/24/2025 02:41	WG2498479
Bis(2-ethylhexyl)phthalate	U		42.3	334	1	04/24/2025 02:41	WG2498479
Di-n-butyl phthalate	U		11.4	334	1	04/24/2025 02:41	WG2498479
Diethyl phthalate	U		11.0	334	1	04/24/2025 02:41	WG2498479
Dimethyl phthalate	U		70.8	334	1	04/24/2025 02:41	WG2498479
Di-n-octyl phthalate	U	C3	22.6	334	1	04/24/2025 02:41	WG2498479
1,2,4-Trichlorobenzene	U		10.4	334	1	04/24/2025 02:41	WG2498479
4-Chloro-3-methylphenol	U		10.8	334	1	04/24/2025 02:41	WG2498479
2-Chlorophenol	U		11.0	334	1	04/24/2025 02:41	WG2498479
2,4-Dichlorophenol	U		9.72	334	1	04/24/2025 02:41	WG2498479
2,4-Dimethylphenol	U		8.72	334	1	04/24/2025 02:41	WG2498479
4,6-Dinitro-2-methylphenol	U		75.7	334	1	04/24/2025 02:41	WG2498479
2,4-Dinitrophenol	U		78.1	334	1	04/24/2025 02:41	WG2498479
2-Nitrophenol	U		11.9	334	1	04/24/2025 02:41	WG2498479
4-Nitrophenol	U		10.4	334	1	04/24/2025 02:41	WG2498479
Pentachlorophenol	U		8.98	334	1	04/24/2025 02:41	WG2498479
Phenol	U		13.4	334	1	04/24/2025 02:41	WG2498479
2,4,6-Trichlorophenol	U		10.7	334	1	04/24/2025 02:41	WG2498479
(S) 2-Fluorophenol	80.0			12.0-120		04/24/2025 02:41	WG2498479
(S) Phenol-d5	71.4			10.0-120		04/24/2025 02:41	WG2498479
(S) Nitrobenzene-d5	75.8			10.0-122		04/24/2025 02:41	WG2498479
(S) 2-Fluorobiphenyl	81.1			15.0-120		04/24/2025 02:41	WG2498479
(S) 2,4,6-Tribromophenol	90.6			10.0-127		04/24/2025 02:41	WG2498479
(S) p-Terphenyl-d14	88.1			10.0-120		04/24/2025 02:41	WG2498479

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	733000		659	21800	1	04/28/2025 16:51	WG2498456

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	91.9		1	04/23/2025 17:13	WG2498428

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	U		7820	10900	1	04/24/2025 16:21	WG2498519

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	696000		16500	21800	1	04/28/2025 16:51	WG2501019

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	37100		659	21800	1	04/24/2025 02:18	WG2498456

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	MDL ug/kg	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	5530000		51000	200000	2	04/24/2025 17:51	WG2498523

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	1820000		6620	21800	1	04/24/2025 11:22	WG2498529
Antimony	U		752	2180	1	04/24/2025 11:22	WG2498529
Beryllium	321		51.9	218	1	04/24/2025 11:22	WG2498529
Calcium	7490000		20700	109000	1	04/24/2025 11:22	WG2498529
Cobalt	3070		193	1090	1	04/24/2025 11:22	WG2498529
Iron	3540000		2440	10900	1	04/24/2025 11:22	WG2498529
Magnesium	1500000		21700	109000	1	04/24/2025 11:22	WG2498529
Manganese	119000		188	1090	1	04/24/2025 11:22	WG2498529
Potassium	986000		22700	109000	1	04/24/2025 11:22	WG2498529
Sodium	94000	J	44800	109000	1	04/24/2025 11:22	WG2498529
Thallium	U		564	2180	1	04/24/2025 11:22	WG2498529
Vanadium	6010		417	2180	1	04/24/2025 11:22	WG2498529

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

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	U	J4	42.9	58.8	1	04/24/2025 04:01	WG2498482
Acrylonitrile	U		4.25	14.7	1	04/24/2025 04:01	WG2498482
Bromobenzene	U		1.06	14.7	1	04/24/2025 04:01	WG2498482
Bromodichloromethane	U		0.853	2.94	1	04/24/2025 04:01	WG2498482
Bromoform	U		1.38	29.4	1	04/24/2025 04:01	WG2498482
Bromomethane	U	J4	2.32	14.7	1	04/24/2025 04:01	WG2498482

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
n-Butylbenzene	U		6.17	14.7	1	04/24/2025 04:01	WG2498482
sec-Butylbenzene	U		3.39	14.7	1	04/24/2025 04:01	WG2498482
tert-Butylbenzene	U		2.29	5.88	1	04/24/2025 04:01	WG2498482
Carbon tetrachloride	U		1.06	5.88	1	04/24/2025 04:01	WG2498482
Chlorobenzene	U		0.247	2.94	1	04/24/2025 04:01	WG2498482
Chlorodibromomethane	U		0.720	2.94	1	04/24/2025 04:01	WG2498482
Chloroethane	U		2.00	5.88	1	04/24/2025 04:01	WG2498482
Chloroform	U		1.21	2.94	1	04/24/2025 04:01	WG2498482
Chloromethane	U	J4	5.12	14.7	1	04/24/2025 04:01	WG2498482
2-Chlorotoluene	U		1.02	2.94	1	04/24/2025 04:01	WG2498482
4-Chlorotoluene	U		0.529	5.88	1	04/24/2025 04:01	WG2498482
1,2-Dibromo-3-Chloropropane	U	C3	4.59	29.4	1	04/24/2025 04:01	WG2498482
1,2-Dibromoethane	U		0.762	2.94	1	04/24/2025 04:01	WG2498482
Dibromomethane	U		0.882	5.88	1	04/24/2025 04:01	WG2498482
1,2-Dichlorobenzene	U		0.500	5.88	1	04/24/2025 04:01	WG2498482
1,3-Dichlorobenzene	U		0.706	5.88	1	04/24/2025 04:01	WG2498482
1,4-Dichlorobenzene	U		0.823	5.88	1	04/24/2025 04:01	WG2498482
Dichlorodifluoromethane	U	J4	1.89	5.88	1	04/24/2025 04:01	WG2498482
1,1-Dichloroethane	U		0.577	2.94	1	04/24/2025 04:01	WG2498482
1,2-Dichloroethane	U		0.763	2.94	1	04/24/2025 04:01	WG2498482
1,1-Dichloroethene	U		0.713	2.94	1	04/24/2025 04:01	WG2498482
cis-1,2-Dichloroethene	U		0.863	2.94	1	04/24/2025 04:01	WG2498482
trans-1,2-Dichloroethene	U		1.22	5.88	1	04/24/2025 04:01	WG2498482
1,2-Dichloropropane	U		1.67	5.88	1	04/24/2025 04:01	WG2498482
1,1-Dichloropropene	U		0.951	2.94	1	04/24/2025 04:01	WG2498482
1,3-Dichloropropane	U		0.589	5.88	1	04/24/2025 04:01	WG2498482
cis-1,3-Dichloropropene	U		0.890	2.94	1	04/24/2025 04:01	WG2498482
trans-1,3-Dichloropropene	U		1.34	5.88	1	04/24/2025 04:01	WG2498482
2,2-Dichloropropane	U		1.62	2.94	1	04/24/2025 04:01	WG2498482
Di-isopropyl ether	U		0.482	1.18	1	04/24/2025 04:01	WG2498482
Hexachloro-1,3-butadiene	U		7.06	29.4	1	04/24/2025 04:01	WG2498482
Isopropylbenzene	U		0.500	2.94	1	04/24/2025 04:01	WG2498482
p-Isopropyltoluene	U		3.00	5.88	1	04/24/2025 04:01	WG2498482
2-Butanone (MEK)	U		74.7	118	1	04/24/2025 04:01	WG2498482
Methylene Chloride	U		7.81	29.4	1	04/24/2025 04:01	WG2498482
4-Methyl-2-pentanone (MIBK)	U		2.68	29.4	1	04/24/2025 04:01	WG2498482
Methyl tert-butyl ether	U		0.412	1.18	1	04/24/2025 04:01	WG2498482
n-Propylbenzene	U		1.12	5.88	1	04/24/2025 04:01	WG2498482
Styrene	U		0.269	14.7	1	04/24/2025 04:01	WG2498482
1,1,1,2-Tetrachloroethane	U		1.11	2.94	1	04/24/2025 04:01	WG2498482
1,1,2,2-Tetrachloroethane	U		0.817	2.94	1	04/24/2025 04:01	WG2498482
1,1,2-Trichlorotrifluoroethane	U		0.887	2.94	1	04/24/2025 04:01	WG2498482
Tetrachloroethene	U		1.05	2.94	1	04/24/2025 04:01	WG2498482
1,2,3-Trichlorobenzene	U		8.62	14.7	1	04/24/2025 04:01	WG2498482
1,2,4-Trichlorobenzene	U		5.17	14.7	1	04/24/2025 04:01	WG2498482
1,1,1-Trichloroethane	U		1.09	2.94	1	04/24/2025 04:01	WG2498482
1,1,2-Trichloroethane	U		0.702	2.94	1	04/24/2025 04:01	WG2498482
Trichloroethene	U		0.687	1.18	1	04/24/2025 04:01	WG2498482
Trichlorofluoromethane	U		0.973	2.94	1	04/24/2025 04:01	WG2498482
1,2,3-Trichloropropane	U		1.91	14.7	1	04/24/2025 04:01	WG2498482
1,2,3-Trimethylbenzene	U		1.86	5.88	1	04/24/2025 04:01	WG2498482
Vinyl chloride	U	J4	1.36	2.94	1	04/24/2025 04:01	WG2498482
(S) Toluene-d8	98.8			75.0-131		04/24/2025 04:01	WG2498482
(S) 4-Bromofluorobenzene	101			67.0-138		04/24/2025 04:01	WG2498482
(S) 1,2-Dichloroethane-d4	94.8			70.0-130		04/24/2025 04:01	WG2498482

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 (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	U		5.10	36.2	1	04/24/2025 04:25	WG2498479
Benzidine	U	C7	68.1	1820	1	04/24/2025 04:25	WG2498479
Benzo(g,h,i)perylene	U		6.63	36.2	1	04/24/2025 04:25	WG2498479
Bis(2-chloroethoxy)methane	U		10.9	362	1	04/24/2025 04:25	WG2498479
Bis(2-chloroethyl)ether	U		12.0	362	1	04/24/2025 04:25	WG2498479
2,2-Oxybis(1-Chloropropane)	U		15.7	362	1	04/24/2025 04:25	WG2498479
4-Bromophenyl-phenylether	U		12.7	362	1	04/24/2025 04:25	WG2498479
2-Chloronaphthalene	U		6.36	36.2	1	04/24/2025 04:25	WG2498479
4-Chlorophenyl-phenylether	U		12.6	362	1	04/24/2025 04:25	WG2498479
1,2-Dichlorobenzene	U		10.7	362	1	04/24/2025 04:25	WG2498479
1,3-Dichlorobenzene	U		11.0	362	1	04/24/2025 04:25	WG2498479
1,4-Dichlorobenzene	U		10.8	362	1	04/24/2025 04:25	WG2498479
3,3-Dichlorobenzidine	U		13.4	362	1	04/24/2025 04:25	WG2498479
2,4-Dinitrotoluene	U		10.4	362	1	04/24/2025 04:25	WG2498479
2,6-Dinitrotoluene	U		11.9	362	1	04/24/2025 04:25	WG2498479
Hexachlorobenzene	U		12.8	362	1	04/24/2025 04:25	WG2498479
Hexachloro-1,3-butadiene	U		12.2	362	1	04/24/2025 04:25	WG2498479
Hexachlorocyclopentadiene	U	C7	19.0	362	1	04/24/2025 04:25	WG2498479
Hexachloroethane	U		14.3	362	1	04/24/2025 04:25	WG2498479
Isophorone	U		11.1	362	1	04/24/2025 04:25	WG2498479
Nitrobenzene	U		12.6	362	1	04/24/2025 04:25	WG2498479
n-Nitrosodimethylamine	U		53.7	362	1	04/24/2025 04:25	WG2498479
n-Nitrosodiphenylamine	U		27.4	362	1	04/24/2025 04:25	WG2498479
n-Nitrosodi-n-propylamine	U		12.1	362	1	04/24/2025 04:25	WG2498479
Phenanthrene	U		7.19	36.2	1	04/24/2025 04:25	WG2498479
Benzylbutyl phthalate	U		11.3	362	1	04/24/2025 04:25	WG2498479
Bis(2-ethylhexyl)phthalate	U		45.9	362	1	04/24/2025 04:25	WG2498479
Di-n-butyl phthalate	U		12.4	362	1	04/24/2025 04:25	WG2498479
Diethyl phthalate	U		12.0	362	1	04/24/2025 04:25	WG2498479
Dimethyl phthalate	U		76.8	362	1	04/24/2025 04:25	WG2498479
Di-n-octyl phthalate	U		24.5	362	1	04/24/2025 04:25	WG2498479
1,2,4-Trichlorobenzene	U		11.3	362	1	04/24/2025 04:25	WG2498479
4-Chloro-3-methylphenol	U		11.8	362	1	04/24/2025 04:25	WG2498479
2-Chlorophenol	U		12.0	362	1	04/24/2025 04:25	WG2498479
2,4-Dichlorophenol	U		10.6	362	1	04/24/2025 04:25	WG2498479
2,4-Dimethylphenol	U		9.47	362	1	04/24/2025 04:25	WG2498479
4,6-Dinitro-2-methylphenol	U		82.1	362	1	04/24/2025 04:25	WG2498479
2,4-Dinitrophenol	U		84.8	362	1	04/24/2025 04:25	WG2498479
2-Nitrophenol	U		12.9	362	1	04/24/2025 04:25	WG2498479
4-Nitrophenol	U		11.3	362	1	04/24/2025 04:25	WG2498479
Pentachlorophenol	U		9.75	362	1	04/24/2025 04:25	WG2498479
Phenol	U		14.6	362	1	04/24/2025 04:25	WG2498479
2,4,6-Trichlorophenol	U		11.6	362	1	04/24/2025 04:25	WG2498479
(S) 2-Fluorophenol	83.0			12.0-120		04/24/2025 04:25	WG2498479
(S) Phenol-d5	77.2			10.0-120		04/24/2025 04:25	WG2498479
(S) Nitrobenzene-d5	75.9			10.0-122		04/24/2025 04:25	WG2498479
(S) 2-Fluorobiphenyl	79.4			15.0-120		04/24/2025 04:25	WG2498479
(S) 2,4,6-Tribromophenol	82.7			10.0-127		04/24/2025 04:25	WG2498479
(S) p-Terphenyl-d14	81.9			10.0-120		04/24/2025 04:25	WG2498479

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	580000		707	23300	1	04/28/2025 16:53	WG2498506

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	85.7		1	04/23/2025 17:13	WG2498428

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	U		8390	11700	1	04/24/2025 16:22	WG2498519

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	569000		17700	23300	1	04/28/2025 16:53	WG2501019

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	11000	J	707	23300	1	04/24/2025 02:37	WG2498506

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	MDL ug/kg	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	6980000		25500	100000	1	04/24/2025 17:52	WG2498523

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	1860000		7090	23300	1	04/24/2025 11:23	WG2498529
Antimony	U		806	2330	1	04/24/2025 11:23	WG2498529
Beryllium	240		55.6	233	1	04/24/2025 11:23	WG2498529
Calcium	12700000		22200	117000	1	04/24/2025 11:23	WG2498529
Cobalt	2230		206	1170	1	04/24/2025 11:23	WG2498529
Iron	3260000		2610	11700	1	04/24/2025 11:23	WG2498529
Magnesium	2280000		23200	117000	1	04/24/2025 11:23	WG2498529
Manganese	79300		202	1170	1	04/24/2025 11:23	WG2498529
Potassium	570000		24400	117000	1	04/24/2025 11:23	WG2498529
Sodium	163000		48100	117000	1	04/24/2025 11:23	WG2498529
Thallium	U		604	2330	1	04/24/2025 11:23	WG2498529
Vanadium	6110		447	2330	1	04/24/2025 11:23	WG2498529

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

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	U	J4	48.7	66.6	1	04/24/2025 03:42	WG2498482
Acrylonitrile	U		4.81	16.7	1	04/24/2025 03:42	WG2498482
Bromobenzene	U		1.20	16.7	1	04/24/2025 03:42	WG2498482
Bromodichloromethane	U		0.966	3.33	1	04/24/2025 03:42	WG2498482
Bromoform	U		1.56	33.3	1	04/24/2025 03:42	WG2498482
Bromomethane	U	J4	2.63	16.7	1	04/24/2025 03:42	WG2498482

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
n-Butylbenzene	U		7.00	16.7	1	04/24/2025 03:42	WG2498482
sec-Butylbenzene	U		3.84	16.7	1	04/24/2025 03:42	WG2498482
tert-Butylbenzene	U		2.60	6.66	1	04/24/2025 03:42	WG2498482
Carbon tetrachloride	U		1.20	6.66	1	04/24/2025 03:42	WG2498482
Chlorobenzene	U		0.280	3.33	1	04/24/2025 03:42	WG2498482
Chlorodibromomethane	U		0.816	3.33	1	04/24/2025 03:42	WG2498482
Chloroethane	U		2.27	6.66	1	04/24/2025 03:42	WG2498482
Chloroform	U		1.37	3.33	1	04/24/2025 03:42	WG2498482
Chloromethane	U	J4	5.80	16.7	1	04/24/2025 03:42	WG2498482
2-Chlorotoluene	U		1.15	3.33	1	04/24/2025 03:42	WG2498482
4-Chlorotoluene	U		0.600	6.66	1	04/24/2025 03:42	WG2498482
1,2-Dibromo-3-Chloropropane	U	C3	5.20	33.3	1	04/24/2025 03:42	WG2498482
1,2-Dibromoethane	U		0.864	3.33	1	04/24/2025 03:42	WG2498482
Dibromomethane	U		1.00	6.66	1	04/24/2025 03:42	WG2498482
1,2-Dichlorobenzene	U		0.567	6.66	1	04/24/2025 03:42	WG2498482
1,3-Dichlorobenzene	U		0.800	6.66	1	04/24/2025 03:42	WG2498482
1,4-Dichlorobenzene	U		0.933	6.66	1	04/24/2025 03:42	WG2498482
Dichlorodifluoromethane	U	J4	2.15	6.66	1	04/24/2025 03:42	WG2498482
1,1-Dichloroethane	U		0.654	3.33	1	04/24/2025 03:42	WG2498482
1,2-Dichloroethane	U		0.865	3.33	1	04/24/2025 03:42	WG2498482
1,1-Dichloroethene	U		0.808	3.33	1	04/24/2025 03:42	WG2498482
cis-1,2-Dichloroethene	U		0.978	3.33	1	04/24/2025 03:42	WG2498482
trans-1,2-Dichloroethene	U		1.39	6.66	1	04/24/2025 03:42	WG2498482
1,2-Dichloropropane	U		1.89	6.66	1	04/24/2025 03:42	WG2498482
1,1-Dichloropropene	U		1.08	3.33	1	04/24/2025 03:42	WG2498482
1,3-Dichloropropane	U		0.668	6.66	1	04/24/2025 03:42	WG2498482
cis-1,3-Dichloropropene	U		1.01	3.33	1	04/24/2025 03:42	WG2498482
trans-1,3-Dichloropropene	U		1.52	6.66	1	04/24/2025 03:42	WG2498482
2,2-Dichloropropane	U		1.84	3.33	1	04/24/2025 03:42	WG2498482
Di-isopropyl ether	U		0.547	1.33	1	04/24/2025 03:42	WG2498482
Hexachloro-1,3-butadiene	U		8.00	33.3	1	04/24/2025 03:42	WG2498482
Isopropylbenzene	U		0.567	3.33	1	04/24/2025 03:42	WG2498482
p-Isopropyltoluene	U		3.40	6.66	1	04/24/2025 03:42	WG2498482
2-Butanone (MEK)	U		84.6	133	1	04/24/2025 03:42	WG2498482
Methylene Chloride	U		8.85	33.3	1	04/24/2025 03:42	WG2498482
4-Methyl-2-pentanone (MIBK)	U		3.04	33.3	1	04/24/2025 03:42	WG2498482
Methyl tert-butyl ether	U		0.467	1.33	1	04/24/2025 03:42	WG2498482
n-Propylbenzene	U		1.27	6.66	1	04/24/2025 03:42	WG2498482
Styrene	U		0.305	16.7	1	04/24/2025 03:42	WG2498482
1,1,1,2-Tetrachloroethane	U		1.26	3.33	1	04/24/2025 03:42	WG2498482
1,1,2,2-Tetrachloroethane	U		0.926	3.33	1	04/24/2025 03:42	WG2498482
1,1,2-Trichlorotrifluoroethane	U		1.01	3.33	1	04/24/2025 03:42	WG2498482
Tetrachloroethene	U		1.19	3.33	1	04/24/2025 03:42	WG2498482
1,2,3-Trichlorobenzene	U		9.77	16.7	1	04/24/2025 03:42	WG2498482
1,2,4-Trichlorobenzene	U		5.86	16.7	1	04/24/2025 03:42	WG2498482
1,1,1-Trichloroethane	U		1.23	3.33	1	04/24/2025 03:42	WG2498482
1,1,2-Trichloroethane	U		0.796	3.33	1	04/24/2025 03:42	WG2498482
Trichloroethene	U		0.778	1.33	1	04/24/2025 03:42	WG2498482
Trichlorofluoromethane	U		1.10	3.33	1	04/24/2025 03:42	WG2498482
1,2,3-Trichloropropane	U		2.16	16.7	1	04/24/2025 03:42	WG2498482
1,2,3-Trimethylbenzene	U		2.11	6.66	1	04/24/2025 03:42	WG2498482
Vinyl chloride	U	J4	1.55	3.33	1	04/24/2025 03:42	WG2498482
(S) Toluene-d8	98.5			75.0-131		04/24/2025 03:42	WG2498482
(S) 4-Bromofluorobenzene	102			67.0-138		04/24/2025 03:42	WG2498482
(S) 1,2-Dichloroethane-d4	94.4			70.0-130		04/24/2025 03:42	WG2498482

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 (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	U		5.47	38.8	1	04/24/2025 04:46	WG2498479
Benzidine	U	C7	73.0	1950	1	04/24/2025 04:46	WG2498479
Benzo(g,h,i)perylene	U		7.10	38.8	1	04/24/2025 04:46	WG2498479
Bis(2-chloroethoxy)methane	U		11.7	388	1	04/24/2025 04:46	WG2498479
Bis(2-chloroethyl)ether	U		12.8	388	1	04/24/2025 04:46	WG2498479
2,2-Oxybis(1-Chloropropane)	U		16.8	388	1	04/24/2025 04:46	WG2498479
4-Bromophenyl-phenylether	U		13.6	388	1	04/24/2025 04:46	WG2498479
2-Chloronaphthalene	U		6.82	38.8	1	04/24/2025 04:46	WG2498479
4-Chlorophenyl-phenylether	U		13.5	388	1	04/24/2025 04:46	WG2498479
1,2-Dichlorobenzene	U		11.5	388	1	04/24/2025 04:46	WG2498479
1,3-Dichlorobenzene	U		11.8	388	1	04/24/2025 04:46	WG2498479
1,4-Dichlorobenzene	U		11.6	388	1	04/24/2025 04:46	WG2498479
3,3-Dichlorobenzidine	U		14.3	388	1	04/24/2025 04:46	WG2498479
2,4-Dinitrotoluene	U		11.1	388	1	04/24/2025 04:46	WG2498479
2,6-Dinitrotoluene	U		12.7	388	1	04/24/2025 04:46	WG2498479
Hexachlorobenzene	U		13.8	388	1	04/24/2025 04:46	WG2498479
Hexachloro-1,3-butadiene	U		13.1	388	1	04/24/2025 04:46	WG2498479
Hexachlorocyclopentadiene	U	C7	20.4	388	1	04/24/2025 04:46	WG2498479
Hexachloroethane	U		15.3	388	1	04/24/2025 04:46	WG2498479
Isophorone	U		11.9	388	1	04/24/2025 04:46	WG2498479
Nitrobenzene	U		13.5	388	1	04/24/2025 04:46	WG2498479
n-Nitrosodimethylamine	U		57.6	388	1	04/24/2025 04:46	WG2498479
n-Nitrosodiphenylamine	U		29.4	388	1	04/24/2025 04:46	WG2498479
n-Nitrosodi-n-propylamine	U		12.9	388	1	04/24/2025 04:46	WG2498479
Phenanthrene	U		7.71	38.8	1	04/24/2025 04:46	WG2498479
Benzylbutyl phthalate	U		12.1	388	1	04/24/2025 04:46	WG2498479
Bis(2-ethylhexyl)phthalate	U		49.2	388	1	04/24/2025 04:46	WG2498479
Di-n-butyl phthalate	U		13.3	388	1	04/24/2025 04:46	WG2498479
Diethyl phthalate	U		12.8	388	1	04/24/2025 04:46	WG2498479
Dimethyl phthalate	U		82.4	388	1	04/24/2025 04:46	WG2498479
Di-n-octyl phthalate	U		26.2	388	1	04/24/2025 04:46	WG2498479
1,2,4-Trichlorobenzene	U		12.1	388	1	04/24/2025 04:46	WG2498479
4-Chloro-3-methylphenol	U		12.6	388	1	04/24/2025 04:46	WG2498479
2-Chlorophenol	U		12.8	388	1	04/24/2025 04:46	WG2498479
2,4-Dichlorophenol	U		11.3	388	1	04/24/2025 04:46	WG2498479
2,4-Dimethylphenol	U		10.1	388	1	04/24/2025 04:46	WG2498479
4,6-Dinitro-2-methylphenol	U		88.1	388	1	04/24/2025 04:46	WG2498479
2,4-Dinitrophenol	U		90.9	388	1	04/24/2025 04:46	WG2498479
2-Nitrophenol	U		13.9	388	1	04/24/2025 04:46	WG2498479
4-Nitrophenol	U		12.1	388	1	04/24/2025 04:46	WG2498479
Pentachlorophenol	U		10.5	388	1	04/24/2025 04:46	WG2498479
Phenol	U		15.6	388	1	04/24/2025 04:46	WG2498479
2,4,6-Trichlorophenol	U		12.5	388	1	04/24/2025 04:46	WG2498479
(S) 2-Fluorophenol	84.8			12.0-120		04/24/2025 04:46	WG2498479
(S) Phenol-d5	77.1			10.0-120		04/24/2025 04:46	WG2498479
(S) Nitrobenzene-d5	77.3			10.0-122		04/24/2025 04:46	WG2498479
(S) 2-Fluorobiphenyl	78.5			15.0-120		04/24/2025 04:46	WG2498479
(S) 2,4,6-Tribromophenol	82.7			10.0-127		04/24/2025 04:46	WG2498479
(S) p-Terphenyl-d14	78.8			10.0-120		04/24/2025 04:46	WG2498479

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	2850000		698	23000	1	04/28/2025 19:09	WG2498506

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	87.6		1	04/23/2025 17:13	WG2498428

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	26300		8200	11400	1	04/24/2025 16:23	WG2498519

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	2790000		173000	228000	10	04/28/2025 19:09	WG2501019

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	60300		698	23000	1.01	04/24/2025 03:18	WG2498506

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	MDL ug/kg	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	31000000		230000	900000	9	04/24/2025 17:53	WG2498523

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	5510000		6940	22800	1	04/24/2025 11:25	WG2498529
Antimony	U		788	2280	1	04/24/2025 11:25	WG2498529
Beryllium	573		54.4	228	1	04/24/2025 11:25	WG2498529
Calcium	20100000		21700	114000	1	04/24/2025 11:25	WG2498529
Cobalt	6030		202	1140	1	04/24/2025 11:25	WG2498529
Iron	8790000		2560	11400	1	04/24/2025 11:25	WG2498529
Magnesium	4070000		22700	114000	1	04/24/2025 11:25	WG2498529
Manganese	291000		197	1140	1	04/24/2025 11:25	WG2498529
Potassium	1640000		23800	114000	1	04/24/2025 11:25	WG2498529
Sodium	419000		47000	114000	1	04/24/2025 11:25	WG2498529
Thallium	U		591	2280	1	04/24/2025 11:25	WG2498529
Vanadium	16400		437	2280	1	04/24/2025 11:25	WG2498529

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

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	U	J4	46.8	64.1	1	04/24/2025 03:23	WG2498482
Acrylonitrile	U		4.63	16.0	1	04/24/2025 03:23	WG2498482
Bromobenzene	U		1.15	16.0	1	04/24/2025 03:23	WG2498482
Bromodichloromethane	U		0.929	3.21	1	04/24/2025 03:23	WG2498482
Bromoform	U		1.50	32.1	1	04/24/2025 03:23	WG2498482
Bromomethane	U	J4	2.53	16.0	1	04/24/2025 03:23	WG2498482

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
n-Butylbenzene	U		6.73	16.0	1	04/24/2025 03:23	WG2498482
sec-Butylbenzene	U		3.69	16.0	1	04/24/2025 03:23	WG2498482
tert-Butylbenzene	U		2.50	6.41	1	04/24/2025 03:23	WG2498482
Carbon tetrachloride	U		1.15	6.41	1	04/24/2025 03:23	WG2498482
Chlorobenzene	U		0.269	3.21	1	04/24/2025 03:23	WG2498482
Chlorodibromomethane	U		0.785	3.21	1	04/24/2025 03:23	WG2498482
Chloroethane	U		2.18	6.41	1	04/24/2025 03:23	WG2498482
Chloroform	U		1.32	3.21	1	04/24/2025 03:23	WG2498482
Chloromethane	U	J4	5.58	16.0	1	04/24/2025 03:23	WG2498482
2-Chlorotoluene	U		1.11	3.21	1	04/24/2025 03:23	WG2498482
4-Chlorotoluene	U		0.577	6.41	1	04/24/2025 03:23	WG2498482
1,2-Dibromo-3-Chloropropane	U	C3	5.00	32.1	1	04/24/2025 03:23	WG2498482
1,2-Dibromoethane	U		0.831	3.21	1	04/24/2025 03:23	WG2498482
Dibromomethane	U		0.962	6.41	1	04/24/2025 03:23	WG2498482
1,2-Dichlorobenzene	U		0.545	6.41	1	04/24/2025 03:23	WG2498482
1,3-Dichlorobenzene	U		0.769	6.41	1	04/24/2025 03:23	WG2498482
1,4-Dichlorobenzene	U		0.897	6.41	1	04/24/2025 03:23	WG2498482
Dichlorodifluoromethane	U	J4	2.06	6.41	1	04/24/2025 03:23	WG2498482
1,1-Dichloroethane	U		0.629	3.21	1	04/24/2025 03:23	WG2498482
1,2-Dichloroethane	U		0.832	3.21	1	04/24/2025 03:23	WG2498482
1,1-Dichloroethene	U		0.777	3.21	1	04/24/2025 03:23	WG2498482
cis-1,2-Dichloroethene	U		0.941	3.21	1	04/24/2025 03:23	WG2498482
trans-1,2-Dichloroethene	U		1.33	6.41	1	04/24/2025 03:23	WG2498482
1,2-Dichloropropane	U		1.82	6.41	1	04/24/2025 03:23	WG2498482
1,1-Dichloropropene	U		1.04	3.21	1	04/24/2025 03:23	WG2498482
1,3-Dichloropropane	U		0.642	6.41	1	04/24/2025 03:23	WG2498482
cis-1,3-Dichloropropene	U		0.970	3.21	1	04/24/2025 03:23	WG2498482
trans-1,3-Dichloropropene	U		1.46	6.41	1	04/24/2025 03:23	WG2498482
2,2-Dichloropropane	U		1.77	3.21	1	04/24/2025 03:23	WG2498482
Di-isopropyl ether	U		0.526	1.28	1	04/24/2025 03:23	WG2498482
Hexachloro-1,3-butadiene	U		7.69	32.1	1	04/24/2025 03:23	WG2498482
Isopropylbenzene	U		0.545	3.21	1	04/24/2025 03:23	WG2498482
p-Isopropyltoluene	U		3.27	6.41	1	04/24/2025 03:23	WG2498482
2-Butanone (MEK)	U		81.4	128	1	04/24/2025 03:23	WG2498482
Methylene Chloride	U		8.51	32.1	1	04/24/2025 03:23	WG2498482
4-Methyl-2-pentanone (MIBK)	U		2.92	32.1	1	04/24/2025 03:23	WG2498482
Methyl tert-butyl ether	U		0.449	1.28	1	04/24/2025 03:23	WG2498482
n-Propylbenzene	U		1.22	6.41	1	04/24/2025 03:23	WG2498482
Styrene	U		0.294	16.0	1	04/24/2025 03:23	WG2498482
1,1,1,2-Tetrachloroethane	U		1.22	3.21	1	04/24/2025 03:23	WG2498482
1,1,2,2-Tetrachloroethane	U		0.891	3.21	1	04/24/2025 03:23	WG2498482
1,1,2-Trichlorotrifluoroethane	U		0.967	3.21	1	04/24/2025 03:23	WG2498482
Tetrachloroethene	U		1.15	3.21	1	04/24/2025 03:23	WG2498482
1,2,3-Trichlorobenzene	U		9.40	16.0	1	04/24/2025 03:23	WG2498482
1,2,4-Trichlorobenzene	U		5.64	16.0	1	04/24/2025 03:23	WG2498482
1,1,1-Trichloroethane	U		1.18	3.21	1	04/24/2025 03:23	WG2498482
1,1,2-Trichloroethane	U		0.765	3.21	1	04/24/2025 03:23	WG2498482
Trichloroethene	U		0.749	1.28	1	04/24/2025 03:23	WG2498482
Trichlorofluoromethane	U		1.06	3.21	1	04/24/2025 03:23	WG2498482
1,2,3-Trichloropropane	U		2.08	16.0	1	04/24/2025 03:23	WG2498482
1,2,3-Trimethylbenzene	U		2.03	6.41	1	04/24/2025 03:23	WG2498482
Vinyl chloride	U	J4	1.49	3.21	1	04/24/2025 03:23	WG2498482
(S) Toluene-d8	97.8			75.0-131		04/24/2025 03:23	WG2498482
(S) 4-Bromofluorobenzene	103			67.0-138		04/24/2025 03:23	WG2498482
(S) 1,2-Dichloroethane-d4	92.7			70.0-130		04/24/2025 03:23	WG2498482

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 (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	U		5.35	38.0	1	04/24/2025 03:22	WG2498479
Benzidine	U	C7	71.4	1910	1	04/24/2025 03:22	WG2498479
Benzo(g,h,i)perylene	8.93	J	6.95	38.0	1	04/24/2025 03:22	WG2498479
Bis(2-chloroethoxy)methane	U		11.4	380	1	04/24/2025 03:22	WG2498479
Bis(2-chloroethyl)ether	U		12.6	380	1	04/24/2025 03:22	WG2498479
2,2-Oxybis(1-Chloropropane)	U		16.4	380	1	04/24/2025 03:22	WG2498479
4-Bromophenyl-phenylether	U		13.3	380	1	04/24/2025 03:22	WG2498479
2-Chloronaphthalene	U		6.67	38.0	1	04/24/2025 03:22	WG2498479
4-Chlorophenyl-phenylether	U		13.2	380	1	04/24/2025 03:22	WG2498479
1,2-Dichlorobenzene	U		11.3	380	1	04/24/2025 03:22	WG2498479
1,3-Dichlorobenzene	U		11.5	380	1	04/24/2025 03:22	WG2498479
1,4-Dichlorobenzene	U		11.3	380	1	04/24/2025 03:22	WG2498479
3,3-Dichlorobenzidine	U		14.0	380	1	04/24/2025 03:22	WG2498479
2,4-Dinitrotoluene	U		10.9	380	1	04/24/2025 03:22	WG2498479
2,6-Dinitrotoluene	U		12.4	380	1	04/24/2025 03:22	WG2498479
Hexachlorobenzene	U		13.5	380	1	04/24/2025 03:22	WG2498479
Hexachloro-1,3-butadiene	U		12.8	380	1	04/24/2025 03:22	WG2498479
Hexachlorocyclopentadiene	U	C7	20.0	380	1	04/24/2025 03:22	WG2498479
Hexachloroethane	U		14.9	380	1	04/24/2025 03:22	WG2498479
Isophorone	U		11.6	380	1	04/24/2025 03:22	WG2498479
Nitrobenzene	U		13.2	380	1	04/24/2025 03:22	WG2498479
n-Nitrosodimethylamine	U		56.4	380	1	04/24/2025 03:22	WG2498479
n-Nitrosodiphenylamine	U		28.8	380	1	04/24/2025 03:22	WG2498479
n-Nitrosodi-n-propylamine	U		12.7	380	1	04/24/2025 03:22	WG2498479
Phenanthrene	U		7.54	38.0	1	04/24/2025 03:22	WG2498479
Benzylbutyl phthalate	U	C3	11.9	380	1	04/24/2025 03:22	WG2498479
Bis(2-ethylhexyl)phthalate	U		48.2	380	1	04/24/2025 03:22	WG2498479
Di-n-butyl phthalate	U		13.0	380	1	04/24/2025 03:22	WG2498479
Diethyl phthalate	U		12.6	380	1	04/24/2025 03:22	WG2498479
Dimethyl phthalate	U		80.6	380	1	04/24/2025 03:22	WG2498479
Di-n-octyl phthalate	U	C3	25.7	380	1	04/24/2025 03:22	WG2498479
1,2,4-Trichlorobenzene	U		11.9	380	1	04/24/2025 03:22	WG2498479
4-Chloro-3-methylphenol	U		12.3	380	1	04/24/2025 03:22	WG2498479
2-Chlorophenol	U		12.6	380	1	04/24/2025 03:22	WG2498479
2,4-Dichlorophenol	U		11.1	380	1	04/24/2025 03:22	WG2498479
2,4-Dimethylphenol	U		9.93	380	1	04/24/2025 03:22	WG2498479
4,6-Dinitro-2-methylphenol	U		86.1	380	1	04/24/2025 03:22	WG2498479
2,4-Dinitrophenol	U		88.9	380	1	04/24/2025 03:22	WG2498479
2-Nitrophenol	U		13.6	380	1	04/24/2025 03:22	WG2498479
4-Nitrophenol	U		11.9	380	1	04/24/2025 03:22	WG2498479
Pentachlorophenol	U		10.2	380	1	04/24/2025 03:22	WG2498479
Phenol	U		15.3	380	1	04/24/2025 03:22	WG2498479
2,4,6-Trichlorophenol	U		12.2	380	1	04/24/2025 03:22	WG2498479
(S) 2-Fluorophenol	76.4			12.0-120		04/24/2025 03:22	WG2498479
(S) Phenol-d5	72.9			10.0-120		04/24/2025 03:22	WG2498479
(S) Nitrobenzene-d5	78.2			10.0-122		04/24/2025 03:22	WG2498479
(S) 2-Fluorobiphenyl	79.1			15.0-120		04/24/2025 03:22	WG2498479
(S) 2,4,6-Tribromophenol	99.1			10.0-127		04/24/2025 03:22	WG2498479
(S) p-Terphenyl-d14	81.6			10.0-120		04/24/2025 03:22	WG2498479

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	3140000		685	22600	1	04/28/2025 19:12	WG2498506

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	88.5		1	04/23/2025 17:13	WG2498428

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	10500	J	8120	11300	1	04/24/2025 16:27	WG2498519

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	3030000	V	172000	226000	10	04/28/2025 19:12	WG2501019

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	109000		685	22600	1	04/24/2025 03:31	WG2498506

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result ug/kg	Qualifier	MDL ug/kg	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	26300000		255000	1000000	10	04/24/2025 17:53	WG2498523

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	4910000		6870	22600	1	04/24/2025 11:27	WG2498529
Antimony	U		781	2260	1	04/24/2025 11:27	WG2498529
Beryllium	526		53.9	226	1	04/24/2025 11:27	WG2498529
Calcium	23100000		21500	113000	1	04/24/2025 11:27	WG2498529
Cobalt	4910		200	1130	1	04/24/2025 11:27	WG2498529
Iron	7710000		2530	11300	1	04/24/2025 11:27	WG2498529
Magnesium	4030000		22500	113000	1	04/24/2025 11:27	WG2498529
Manganese	243000		195	1130	1	04/24/2025 11:27	WG2498529
Potassium	2480000		23600	113000	1	04/24/2025 11:27	WG2498529
Sodium	5010000		46600	113000	1	04/24/2025 11:27	WG2498529
Thallium	U		585	2260	1	04/24/2025 11:27	WG2498529
Vanadium	15100		433	2260	1	04/24/2025 11:27	WG2498529

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

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	U	J4	46.0	63.0	1	04/24/2025 03:04	WG2498482
Acrylonitrile	U		4.55	15.7	1	04/24/2025 03:04	WG2498482
Bromobenzene	U		1.13	15.7	1	04/24/2025 03:04	WG2498482
Bromodichloromethane	U		0.913	3.15	1	04/24/2025 03:04	WG2498482
Bromoform	U		1.47	31.5	1	04/24/2025 03:04	WG2498482
Bromomethane	U	J4	2.48	15.7	1	04/24/2025 03:04	WG2498482

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
n-Butylbenzene	U		6.61	15.7	1	04/24/2025 03:04	WG2498482
sec-Butylbenzene	U		3.63	15.7	1	04/24/2025 03:04	WG2498482
tert-Butylbenzene	U		2.46	6.30	1	04/24/2025 03:04	WG2498482
Carbon tetrachloride	U		1.13	6.30	1	04/24/2025 03:04	WG2498482
Chlorobenzene	U		0.265	3.15	1	04/24/2025 03:04	WG2498482
Chlorodibromomethane	U		0.771	3.15	1	04/24/2025 03:04	WG2498482
Chloroethane	U		2.14	6.30	1	04/24/2025 03:04	WG2498482
Chloroform	U		1.30	3.15	1	04/24/2025 03:04	WG2498482
Chloromethane	U	J4	5.48	15.7	1	04/24/2025 03:04	WG2498482
2-Chlorotoluene	U		1.09	3.15	1	04/24/2025 03:04	WG2498482
4-Chlorotoluene	U		0.567	6.30	1	04/24/2025 03:04	WG2498482
1,2-Dibromo-3-Chloropropane	U	C3	4.91	31.5	1	04/24/2025 03:04	WG2498482
1,2-Dibromoethane	U		0.816	3.15	1	04/24/2025 03:04	WG2498482
Dibromomethane	U		0.945	6.30	1	04/24/2025 03:04	WG2498482
1,2-Dichlorobenzene	U		0.535	6.30	1	04/24/2025 03:04	WG2498482
1,3-Dichlorobenzene	U		0.756	6.30	1	04/24/2025 03:04	WG2498482
1,4-Dichlorobenzene	U		0.882	6.30	1	04/24/2025 03:04	WG2498482
Dichlorodifluoromethane	U	J4	2.03	6.30	1	04/24/2025 03:04	WG2498482
1,1-Dichloroethane	U		0.619	3.15	1	04/24/2025 03:04	WG2498482
1,2-Dichloroethane	U		0.818	3.15	1	04/24/2025 03:04	WG2498482
1,1-Dichloroethene	U		0.763	3.15	1	04/24/2025 03:04	WG2498482
cis-1,2-Dichloroethene	U		0.925	3.15	1	04/24/2025 03:04	WG2498482
trans-1,2-Dichloroethene	U		1.31	6.30	1	04/24/2025 03:04	WG2498482
1,2-Dichloropropane	U		1.79	6.30	1	04/24/2025 03:04	WG2498482
1,1-Dichloropropene	U		1.02	3.15	1	04/24/2025 03:04	WG2498482
1,3-Dichloropropane	U		0.631	6.30	1	04/24/2025 03:04	WG2498482
cis-1,3-Dichloropropene	U		0.954	3.15	1	04/24/2025 03:04	WG2498482
trans-1,3-Dichloropropene	U		1.44	6.30	1	04/24/2025 03:04	WG2498482
2,2-Dichloropropane	U		1.74	3.15	1	04/24/2025 03:04	WG2498482
Di-isopropyl ether	U		0.517	1.26	1	04/24/2025 03:04	WG2498482
Hexachloro-1,3-butadiene	U		7.56	31.5	1	04/24/2025 03:04	WG2498482
Isopropylbenzene	U		0.535	3.15	1	04/24/2025 03:04	WG2498482
p-Isopropyltoluene	U		3.21	6.30	1	04/24/2025 03:04	WG2498482
2-Butanone (MEK)	U		80.0	126	1	04/24/2025 03:04	WG2498482
Methylene Chloride	U		8.36	31.5	1	04/24/2025 03:04	WG2498482
4-Methyl-2-pentanone (MIBK)	U		2.87	31.5	1	04/24/2025 03:04	WG2498482
Methyl tert-butyl ether	U		0.441	1.26	1	04/24/2025 03:04	WG2498482
n-Propylbenzene	U		1.20	6.30	1	04/24/2025 03:04	WG2498482
Styrene	U		0.288	15.7	1	04/24/2025 03:04	WG2498482
1,1,1,2-Tetrachloroethane	U		1.19	3.15	1	04/24/2025 03:04	WG2498482
1,1,2,2-Tetrachloroethane	U		0.876	3.15	1	04/24/2025 03:04	WG2498482
1,1,2-Trichlorotrifluoroethane	U		0.950	3.15	1	04/24/2025 03:04	WG2498482
Tetrachloroethene	U		1.13	3.15	1	04/24/2025 03:04	WG2498482
1,2,3-Trichlorobenzene	U		9.23	15.7	1	04/24/2025 03:04	WG2498482
1,2,4-Trichlorobenzene	U		5.54	15.7	1	04/24/2025 03:04	WG2498482
1,1,1-Trichloroethane	U		1.16	3.15	1	04/24/2025 03:04	WG2498482
1,1,2-Trichloroethane	U		0.752	3.15	1	04/24/2025 03:04	WG2498482
Trichloroethene	U		0.736	1.26	1	04/24/2025 03:04	WG2498482
Trichlorofluoromethane	U		1.04	3.15	1	04/24/2025 03:04	WG2498482
1,2,3-Trichloropropane	U		2.04	15.7	1	04/24/2025 03:04	WG2498482
1,2,3-Trimethylbenzene	U		1.99	6.30	1	04/24/2025 03:04	WG2498482
Vinyl chloride	U	J4	1.46	3.15	1	04/24/2025 03:04	WG2498482
(S) Toluene-d8	98.5			75.0-131		04/24/2025 03:04	WG2498482
(S) 4-Bromofluorobenzene	104			67.0-138		04/24/2025 03:04	WG2498482
(S) 1,2-Dichloroethane-d4	94.3			70.0-130		04/24/2025 03:04	WG2498482

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 (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	U		5.30	37.6	1	04/24/2025 03:01	WG2498479
Benzidine	U	<u>C7</u>	70.7	1890	1	04/24/2025 03:01	WG2498479
Benzo(g,h,i)perylene	8.84	<u>J</u>	6.88	37.6	1	04/24/2025 03:01	WG2498479
Bis(2-chloroethoxy)methane	U		11.3	376	1	04/24/2025 03:01	WG2498479
Bis(2-chloroethyl)ether	U		12.4	376	1	04/24/2025 03:01	WG2498479
2,2-Oxybis(1-Chloropropane)	U		16.3	376	1	04/24/2025 03:01	WG2498479
4-Bromophenyl-phenylether	U		13.2	376	1	04/24/2025 03:01	WG2498479
2-Chloronaphthalene	U		6.61	37.6	1	04/24/2025 03:01	WG2498479
4-Chlorophenyl-phenylether	U		13.1	376	1	04/24/2025 03:01	WG2498479
1,2-Dichlorobenzene	U		11.2	376	1	04/24/2025 03:01	WG2498479
1,3-Dichlorobenzene	U		11.4	376	1	04/24/2025 03:01	WG2498479
1,4-Dichlorobenzene	U		11.2	376	1	04/24/2025 03:01	WG2498479
3,3-Dichlorobenzidine	U		13.9	376	1	04/24/2025 03:01	WG2498479
2,4-Dinitrotoluene	U		10.8	376	1	04/24/2025 03:01	WG2498479
2,6-Dinitrotoluene	U		12.3	376	1	04/24/2025 03:01	WG2498479
Hexachlorobenzene	U		13.3	376	1	04/24/2025 03:01	WG2498479
Hexachloro-1,3-butadiene	U		12.7	376	1	04/24/2025 03:01	WG2498479
Hexachlorocyclopentadiene	U	<u>C7</u>	19.8	376	1	04/24/2025 03:01	WG2498479
Hexachloroethane	U		14.8	376	1	04/24/2025 03:01	WG2498479
Isophorone	U		11.5	376	1	04/24/2025 03:01	WG2498479
Nitrobenzene	U		13.1	376	1	04/24/2025 03:01	WG2498479
n-Nitrosodimethylamine	U		55.8	376	1	04/24/2025 03:01	WG2498479
n-Nitrosodiphenylamine	U		28.5	376	1	04/24/2025 03:01	WG2498479
n-Nitrosodi-n-propylamine	U		12.5	376	1	04/24/2025 03:01	WG2498479
Phenanthrene	U		7.47	37.6	1	04/24/2025 03:01	WG2498479
Benzylbutyl phthalate	U	<u>C3</u>	11.8	376	1	04/24/2025 03:01	WG2498479
Bis(2-ethylhexyl)phthalate	U		47.7	376	1	04/24/2025 03:01	WG2498479
Di-n-butyl phthalate	U		12.9	376	1	04/24/2025 03:01	WG2498479
Diethyl phthalate	U		12.4	376	1	04/24/2025 03:01	WG2498479
Dimethyl phthalate	U		79.8	376	1	04/24/2025 03:01	WG2498479
Di-n-octyl phthalate	U	<u>C3</u>	25.4	376	1	04/24/2025 03:01	WG2498479
1,2,4-Trichlorobenzene	U		11.8	376	1	04/24/2025 03:01	WG2498479
4-Chloro-3-methylphenol	U		12.2	376	1	04/24/2025 03:01	WG2498479
2-Chlorophenol	U		12.4	376	1	04/24/2025 03:01	WG2498479
2,4-Dichlorophenol	U		11.0	376	1	04/24/2025 03:01	WG2498479
2,4-Dimethylphenol	U		9.83	376	1	04/24/2025 03:01	WG2498479
4,6-Dinitro-2-methylphenol	U		85.3	376	1	04/24/2025 03:01	WG2498479
2,4-Dinitrophenol	U		88.0	376	1	04/24/2025 03:01	WG2498479
2-Nitrophenol	U		13.4	376	1	04/24/2025 03:01	WG2498479
4-Nitrophenol	U		11.8	376	1	04/24/2025 03:01	WG2498479
Pentachlorophenol	U		10.1	376	1	04/24/2025 03:01	WG2498479
Phenol	U		15.1	376	1	04/24/2025 03:01	WG2498479
2,4,6-Trichlorophenol	U		12.1	376	1	04/24/2025 03:01	WG2498479
(S) 2-Fluorophenol	78.5			12.0-120		04/24/2025 03:01	WG2498479
(S) Phenol-d5	71.2			10.0-120		04/24/2025 03:01	WG2498479
(S) Nitrobenzene-d5	78.9			10.0-122		04/24/2025 03:01	WG2498479
(S) 2-Fluorobiphenyl	75.9			15.0-120		04/24/2025 03:01	WG2498479
(S) 2,4,6-Tribromophenol	89.9			10.0-127		04/24/2025 03:01	WG2498479
(S) p-Terphenyl-d14	81.0			10.0-120		04/24/2025 03:01	WG2498479

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	2920000		3430	113000	1	04/28/2025 19:14	WG2498506

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	88.4		1	04/23/2025 17:13	WG2498428

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	8980	J	8130	11300	1	04/24/2025 16:29	WG2498519

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	2820000		172000	226000	10	04/28/2025 19:14	WG2501019

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	102000	J	3430	113000	5	04/24/2025 04:12	WG2498506

Wet Chemistry by Method WALKLEY-BLACK

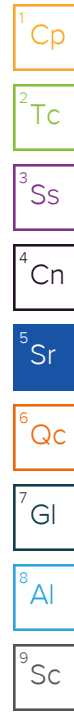
Analyte	Result ug/kg	Qualifier	MDL ug/kg	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	27600000		255000	1000000	10	04/24/2025 17:53	WG2498523

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	4650000		6880	22600	1	04/24/2025 11:28	WG2498529
Antimony	U		782	2260	1	04/24/2025 11:28	WG2498529
Beryllium	580		54.0	226	1	04/24/2025 11:28	WG2498529
Calcium	25900000		21500	113000	1	04/24/2025 11:28	WG2498529
Cobalt	5010		200	1130	1	04/24/2025 11:28	WG2498529
Iron	6970000		2530	11300	1	04/24/2025 11:28	WG2498529
Magnesium	3860000		22500	113000	1	04/24/2025 11:28	WG2498529
Manganese	296000		196	1130	1	04/24/2025 11:28	WG2498529
Potassium	2130000		23600	113000	1	04/24/2025 11:28	WG2498529
Sodium	416000		46600	113000	1	04/24/2025 11:28	WG2498529
Thallium	U		586	2260	1	04/24/2025 11:28	WG2498529
Vanadium	15500		433	2260	1	04/24/2025 11:28	WG2498529

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

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	U	J4	46.1	63.1	1	04/24/2025 02:45	WG2498482
Acrylonitrile	U		4.56	15.8	1	04/24/2025 02:45	WG2498482
Bromobenzene	U		1.14	15.8	1	04/24/2025 02:45	WG2498482
Bromodichloromethane	U		0.916	3.16	1	04/24/2025 02:45	WG2498482
Bromoform	U		1.48	31.6	1	04/24/2025 02:45	WG2498482
Bromomethane	U	J4	2.49	15.8	1	04/24/2025 02:45	WG2498482



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

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
n-Butylbenzene	U		6.63	15.8	1	04/24/2025 02:45	WG2498482
sec-Butylbenzene	U		3.64	15.8	1	04/24/2025 02:45	WG2498482
tert-Butylbenzene	U		2.46	6.31	1	04/24/2025 02:45	WG2498482
Carbon tetrachloride	U		1.13	6.31	1	04/24/2025 02:45	WG2498482
Chlorobenzene	U		0.265	3.16	1	04/24/2025 02:45	WG2498482
Chlorodibromomethane	U		0.773	3.16	1	04/24/2025 02:45	WG2498482
Chloroethane	U		2.15	6.31	1	04/24/2025 02:45	WG2498482
Chloroform	U		1.30	3.16	1	04/24/2025 02:45	WG2498482
Chloromethane	U	J4	5.49	15.8	1	04/24/2025 02:45	WG2498482
2-Chlorotoluene	U		1.09	3.16	1	04/24/2025 02:45	WG2498482
4-Chlorotoluene	U		0.568	6.31	1	04/24/2025 02:45	WG2498482
1,2-Dibromo-3-Chloropropane	U	C3	4.92	31.6	1	04/24/2025 02:45	WG2498482
1,2-Dibromoethane	U		0.818	3.16	1	04/24/2025 02:45	WG2498482
Dibromomethane	U		0.947	6.31	1	04/24/2025 02:45	WG2498482
1,2-Dichlorobenzene	U		0.537	6.31	1	04/24/2025 02:45	WG2498482
1,3-Dichlorobenzene	U		0.758	6.31	1	04/24/2025 02:45	WG2498482
1,4-Dichlorobenzene	U		0.884	6.31	1	04/24/2025 02:45	WG2498482
Dichlorodifluoromethane	U	J4	2.03	6.31	1	04/24/2025 02:45	WG2498482
1,1-Dichloroethane	U		0.620	3.16	1	04/24/2025 02:45	WG2498482
1,2-Dichloroethane	U		0.820	3.16	1	04/24/2025 02:45	WG2498482
1,1-Dichloroethene	U		0.765	3.16	1	04/24/2025 02:45	WG2498482
cis-1,2-Dichloroethene	U		0.927	3.16	1	04/24/2025 02:45	WG2498482
trans-1,2-Dichloroethene	U		1.31	6.31	1	04/24/2025 02:45	WG2498482
1,2-Dichloropropane	U		1.79	6.31	1	04/24/2025 02:45	WG2498482
1,1-Dichloropropene	U		1.02	3.16	1	04/24/2025 02:45	WG2498482
1,3-Dichloropropane	U		0.633	6.31	1	04/24/2025 02:45	WG2498482
cis-1,3-Dichloropropene	U		0.956	3.16	1	04/24/2025 02:45	WG2498482
trans-1,3-Dichloropropene	U		1.44	6.31	1	04/24/2025 02:45	WG2498482
2,2-Dichloropropane	U		1.74	3.16	1	04/24/2025 02:45	WG2498482
Di-isopropyl ether	U		0.518	1.26	1	04/24/2025 02:45	WG2498482
Hexachloro-1,3-butadiene	U		7.58	31.6	1	04/24/2025 02:45	WG2498482
Isopropylbenzene	U		0.537	3.16	1	04/24/2025 02:45	WG2498482
p-Isopropyltoluene	U		3.22	6.31	1	04/24/2025 02:45	WG2498482
2-Butanone (MEK)	U		80.2	126	1	04/24/2025 02:45	WG2498482
Methylene Chloride	U		8.38	31.6	1	04/24/2025 02:45	WG2498482
4-Methyl-2-pentanone (MIBK)	U		2.88	31.6	1	04/24/2025 02:45	WG2498482
Methyl tert-butyl ether	U		0.442	1.26	1	04/24/2025 02:45	WG2498482
n-Propylbenzene	U		1.20	6.31	1	04/24/2025 02:45	WG2498482
Styrene	U		0.289	15.8	1	04/24/2025 02:45	WG2498482
1,1,1,2-Tetrachloroethane	U		1.20	3.16	1	04/24/2025 02:45	WG2498482
1,1,2,2-Tetrachloroethane	U		0.878	3.16	1	04/24/2025 02:45	WG2498482
1,1,2-Trichlorotrifluoroethane	U		0.952	3.16	1	04/24/2025 02:45	WG2498482
Tetrachloroethene	U		1.13	3.16	1	04/24/2025 02:45	WG2498482
1,2,3-Trichlorobenzene	U		9.26	15.8	1	04/24/2025 02:45	WG2498482
1,2,4-Trichlorobenzene	U		5.56	15.8	1	04/24/2025 02:45	WG2498482
1,1,1-Trichloroethane	U		1.17	3.16	1	04/24/2025 02:45	WG2498482
1,1,2-Trichloroethane	U		0.754	3.16	1	04/24/2025 02:45	WG2498482
Trichloroethene	U		0.737	1.26	1	04/24/2025 02:45	WG2498482
Trichlorofluoromethane	U		1.04	3.16	1	04/24/2025 02:45	WG2498482
1,2,3-Trichloropropane	U		2.05	15.8	1	04/24/2025 02:45	WG2498482
1,2,3-Trimethylbenzene	U		2.00	6.31	1	04/24/2025 02:45	WG2498482
Vinyl chloride	U	J4	1.46	3.16	1	04/24/2025 02:45	WG2498482
(S) Toluene-d8	97.5			75.0-131		04/24/2025 02:45	WG2498482
(S) 4-Bromofluorobenzene	101			67.0-138		04/24/2025 02:45	WG2498482
(S) 1,2-Dichloroethane-d4	96.1			70.0-130		04/24/2025 02:45	WG2498482

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 (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	U		10.6	75.4	2	04/24/2025 04:03	WG2498479
Benzidine	U	C7	141	3780	2	04/24/2025 04:03	WG2498479
Benzo(g,h,i)perylene	14.4	J	13.8	75.4	2	04/24/2025 04:03	WG2498479
Bis(2-chloroethoxy)methane	U		22.6	754	2	04/24/2025 04:03	WG2498479
Bis(2-chloroethyl)ether	U		24.9	754	2	04/24/2025 04:03	WG2498479
2,2-Oxybis(1-Chloropropane)	U		32.6	754	2	04/24/2025 04:03	WG2498479
4-Bromophenyl-phenylether	U		26.5	754	2	04/24/2025 04:03	WG2498479
2-Chloronaphthalene	U		13.2	75.4	2	04/24/2025 04:03	WG2498479
4-Chlorophenyl-phenylether	U		26.2	754	2	04/24/2025 04:03	WG2498479
1,2-Dichlorobenzene	U		22.3	754	2	04/24/2025 04:03	WG2498479
1,3-Dichlorobenzene	U		22.9	754	2	04/24/2025 04:03	WG2498479
1,4-Dichlorobenzene	U		22.4	754	2	04/24/2025 04:03	WG2498479
3,3-Dichlorobenzidine	U		27.8	754	2	04/24/2025 04:03	WG2498479
2,4-Dinitrotoluene	U		21.6	754	2	04/24/2025 04:03	WG2498479
2,6-Dinitrotoluene	U		24.7	754	2	04/24/2025 04:03	WG2498479
Hexachlorobenzene	U		26.7	754	2	04/24/2025 04:03	WG2498479
Hexachloro-1,3-butadiene	U		25.3	754	2	04/24/2025 04:03	WG2498479
Hexachlorocyclopentadiene	U	C7	39.6	754	2	04/24/2025 04:03	WG2498479
Hexachloroethane	U		29.6	754	2	04/24/2025 04:03	WG2498479
Isophorone	U		23.1	754	2	04/24/2025 04:03	WG2498479
Nitrobenzene	U		26.2	754	2	04/24/2025 04:03	WG2498479
n-Nitrosodimethylamine	U		112	754	2	04/24/2025 04:03	WG2498479
n-Nitrosodiphenylamine	U		57.0	754	2	04/24/2025 04:03	WG2498479
n-Nitrosodi-n-propylamine	U		25.1	754	2	04/24/2025 04:03	WG2498479
Phenanthrene	U		14.9	75.4	2	04/24/2025 04:03	WG2498479
Benzylbutyl phthalate	U	C3	23.5	754	2	04/24/2025 04:03	WG2498479
Bis(2-ethylhexyl)phthalate	U		95.5	754	2	04/24/2025 04:03	WG2498479
Di-n-butyl phthalate	U		25.8	754	2	04/24/2025 04:03	WG2498479
Diethyl phthalate	U		24.9	754	2	04/24/2025 04:03	WG2498479
Dimethyl phthalate	U		160	754	2	04/24/2025 04:03	WG2498479
Di-n-octyl phthalate	U	C3	50.9	754	2	04/24/2025 04:03	WG2498479
1,2,4-Trichlorobenzene	U		23.5	754	2	04/24/2025 04:03	WG2498479
4-Chloro-3-methylphenol	U		24.4	754	2	04/24/2025 04:03	WG2498479
2-Chlorophenol	U		24.9	754	2	04/24/2025 04:03	WG2498479
2,4-Dichlorophenol	U		21.9	754	2	04/24/2025 04:03	WG2498479
2,4-Dimethylphenol	U		19.7	754	2	04/24/2025 04:03	WG2498479
4,6-Dinitro-2-methylphenol	U		171	754	2	04/24/2025 04:03	WG2498479
2,4-Dinitrophenol	U		176	754	2	04/24/2025 04:03	WG2498479
2-Nitrophenol	U		26.9	754	2	04/24/2025 04:03	WG2498479
4-Nitrophenol	U		23.5	754	2	04/24/2025 04:03	WG2498479
Pentachlorophenol	U		20.3	754	2	04/24/2025 04:03	WG2498479
Phenol	U		30.3	754	2	04/24/2025 04:03	WG2498479
2,4,6-Trichlorophenol	U		24.2	754	2	04/24/2025 04:03	WG2498479
(S) 2-Fluorophenol	77.5			12.0-120		04/24/2025 04:03	WG2498479
(S) Phenol-d5	70.7			10.0-120		04/24/2025 04:03	WG2498479
(S) Nitrobenzene-d5	79.7			10.0-122		04/24/2025 04:03	WG2498479
(S) 2-Fluorobiphenyl	78.2			15.0-120		04/24/2025 04:03	WG2498479
(S) 2,4,6-Tribromophenol	98.7			10.0-127		04/24/2025 04:03	WG2498479
(S) p-Terphenyl-d14	83.2			10.0-120		04/24/2025 04:03	WG2498479

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Sample Narrative:

L1850922-09 WG2498479: Dilution due to matrix impact during extraction procedure

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	04/23/2025 17:21	WG2498364
Acrolein	U	<u>J4</u>	2.54	50.0	1	04/23/2025 17:21	WG2498364
Acrylonitrile	U		0.671	10.0	1	04/23/2025 17:21	WG2498364
Benzene	U		0.0941	1.00	1	04/23/2025 17:21	WG2498364
Bromobenzene	U		0.118	1.00	1	04/23/2025 17:21	WG2498364
Bromodichloromethane	U		0.136	1.00	1	04/23/2025 17:21	WG2498364
Bromoform	U		0.129	1.00	1	04/23/2025 17:21	WG2498364
Bromomethane	U		0.605	5.00	1	04/23/2025 17:21	WG2498364
n-Butylbenzene	U		0.157	1.00	1	04/23/2025 17:21	WG2498364
sec-Butylbenzene	U		0.125	1.00	1	04/23/2025 17:21	WG2498364
tert-Butylbenzene	U		0.127	1.00	1	04/23/2025 17:21	WG2498364
Carbon tetrachloride	U		0.128	1.00	1	04/23/2025 17:21	WG2498364
Chlorobenzene	U		0.116	1.00	1	04/23/2025 17:21	WG2498364
Chlorodibromomethane	U		0.140	1.00	1	04/23/2025 17:21	WG2498364
Chloroethane	U		0.192	5.00	1	04/23/2025 17:21	WG2498364
Chloroform	U		0.111	5.00	1	04/23/2025 17:21	WG2498364
Chloromethane	U		0.960	2.50	1	04/23/2025 17:21	WG2498364
2-Chlorotoluene	U		0.106	1.00	1	04/23/2025 17:21	WG2498364
4-Chlorotoluene	U		0.114	1.00	1	04/23/2025 17:21	WG2498364
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	04/23/2025 17:21	WG2498364
1,2-Dibromoethane	U		0.126	1.00	1	04/23/2025 17:21	WG2498364
Dibromomethane	U		0.122	1.00	1	04/23/2025 17:21	WG2498364
1,2-Dichlorobenzene	U		0.107	1.00	1	04/23/2025 17:21	WG2498364
1,3-Dichlorobenzene	U		0.110	1.00	1	04/23/2025 17:21	WG2498364
1,4-Dichlorobenzene	U		0.120	1.00	1	04/23/2025 17:21	WG2498364
Dichlorodifluoromethane	U		0.374	5.00	1	04/23/2025 17:21	WG2498364
1,1-Dichloroethane	U		0.100	1.00	1	04/23/2025 17:21	WG2498364
1,2-Dichloroethane	U		0.0819	1.00	1	04/23/2025 17:21	WG2498364
1,1-Dichloroethene	U		0.188	1.00	1	04/23/2025 17:21	WG2498364
cis-1,2-Dichloroethene	U		0.126	1.00	1	04/23/2025 17:21	WG2498364
trans-1,2-Dichloroethene	U		0.149	1.00	1	04/23/2025 17:21	WG2498364
1,2-Dichloropropane	U		0.149	1.00	1	04/23/2025 17:21	WG2498364
1,1-Dichloropropene	U		0.142	1.00	1	04/23/2025 17:21	WG2498364
1,3-Dichloropropane	U		0.110	1.00	1	04/23/2025 17:21	WG2498364
cis-1,3-Dichloropropene	U		0.111	1.00	1	04/23/2025 17:21	WG2498364
trans-1,3-Dichloropropene	U		0.118	1.00	1	04/23/2025 17:21	WG2498364
2,2-Dichloropropane	U		0.161	1.00	1	04/23/2025 17:21	WG2498364
Di-isopropyl ether	U		0.105	1.00	1	04/23/2025 17:21	WG2498364
Ethylbenzene	U		0.137	1.00	1	04/23/2025 17:21	WG2498364
Hexachloro-1,3-butadiene	U		0.337	1.00	1	04/23/2025 17:21	WG2498364
Isopropylbenzene	U		0.105	1.00	1	04/23/2025 17:21	WG2498364
p-Isopropyltoluene	U		0.120	1.00	1	04/23/2025 17:21	WG2498364
2-Butanone (MEK)	U		1.19	10.0	1	04/23/2025 17:21	WG2498364
Methylene Chloride	U		0.430	5.00	1	04/23/2025 17:21	WG2498364
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	04/23/2025 17:21	WG2498364
Methyl tert-butyl ether	U		0.101	1.00	1	04/23/2025 17:21	WG2498364
n-Propylbenzene	U		0.0993	1.00	1	04/23/2025 17:21	WG2498364
Styrene	U	<u>C3</u>	0.118	1.00	1	04/23/2025 17:21	WG2498364
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	04/23/2025 17:21	WG2498364
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	04/23/2025 17:21	WG2498364
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	04/23/2025 17:21	WG2498364
Tetrachloroethene	U		0.300	1.00	1	04/23/2025 17:21	WG2498364
Toluene	U		0.278	1.00	1	04/23/2025 17:21	WG2498364
1,2,3-Trichlorobenzene	U		0.230	1.00	1	04/23/2025 17:21	WG2498364
1,2,4-Trichlorobenzene	U		0.481	1.00	1	04/23/2025 17:21	WG2498364
1,1,1-Trichloroethane	U		0.149	1.00	1	04/23/2025 17:21	WG2498364

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.158	1.00	1	04/23/2025 17:21	WG2498364
Trichloroethene	U		0.190	1.00	1	04/23/2025 17:21	WG2498364
Trichlorofluoromethane	U	<u>C3</u>	0.160	5.00	1	04/23/2025 17:21	WG2498364
1,2,3-Trichloropropane	U		0.237	2.50	1	04/23/2025 17:21	WG2498364
1,2,4-Trimethylbenzene	U		0.322	1.00	1	04/23/2025 17:21	WG2498364
1,2,3-Trimethylbenzene	U		0.104	1.00	1	04/23/2025 17:21	WG2498364
1,3,5-Trimethylbenzene	U		0.104	1.00	1	04/23/2025 17:21	WG2498364
Vinyl chloride	U		0.234	1.00	1	04/23/2025 17:21	WG2498364
Xylenes, Total	U		0.174	3.00	1	04/23/2025 17:21	WG2498364
(S) Toluene-d8	100			80.0-120		04/23/2025 17:21	WG2498364
(S) 4-Bromofluorobenzene	104			77.0-126		04/23/2025 17:21	WG2498364
(S) 1,2-Dichloroethane-d4	109			70.0-130		04/23/2025 17:21	WG2498364

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

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	04/23/2025 17:40	WG2498364
Acrolein	U	<u>J4</u>	2.54	50.0	1	04/23/2025 17:40	WG2498364
Acrylonitrile	U		0.671	10.0	1	04/23/2025 17:40	WG2498364
Benzene	U		0.0941	1.00	1	04/23/2025 17:40	WG2498364
Bromobenzene	U		0.118	1.00	1	04/23/2025 17:40	WG2498364
Bromodichloromethane	U		0.136	1.00	1	04/23/2025 17:40	WG2498364
Bromoform	U		0.129	1.00	1	04/23/2025 17:40	WG2498364
Bromomethane	U		0.605	5.00	1	04/23/2025 17:40	WG2498364
n-Butylbenzene	U		0.157	1.00	1	04/23/2025 17:40	WG2498364
sec-Butylbenzene	U		0.125	1.00	1	04/23/2025 17:40	WG2498364
tert-Butylbenzene	U		0.127	1.00	1	04/23/2025 17:40	WG2498364
Carbon tetrachloride	U		0.128	1.00	1	04/23/2025 17:40	WG2498364
Chlorobenzene	U		0.116	1.00	1	04/23/2025 17:40	WG2498364
Chlorodibromomethane	U		0.140	1.00	1	04/23/2025 17:40	WG2498364
Chloroethane	U		0.192	5.00	1	04/23/2025 17:40	WG2498364
Chloroform	U		0.111	5.00	1	04/23/2025 17:40	WG2498364
Chloromethane	U		0.960	2.50	1	04/23/2025 17:40	WG2498364
2-Chlorotoluene	U		0.106	1.00	1	04/23/2025 17:40	WG2498364
4-Chlorotoluene	U		0.114	1.00	1	04/23/2025 17:40	WG2498364
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	04/23/2025 17:40	WG2498364
1,2-Dibromoethane	U		0.126	1.00	1	04/23/2025 17:40	WG2498364
Dibromomethane	U		0.122	1.00	1	04/23/2025 17:40	WG2498364
1,2-Dichlorobenzene	U		0.107	1.00	1	04/23/2025 17:40	WG2498364
1,3-Dichlorobenzene	U		0.110	1.00	1	04/23/2025 17:40	WG2498364
1,4-Dichlorobenzene	U		0.120	1.00	1	04/23/2025 17:40	WG2498364
Dichlorodifluoromethane	U		0.374	5.00	1	04/23/2025 17:40	WG2498364
1,1-Dichloroethane	U		0.100	1.00	1	04/23/2025 17:40	WG2498364
1,2-Dichloroethane	U		0.0819	1.00	1	04/23/2025 17:40	WG2498364
1,1-Dichloroethene	U		0.188	1.00	1	04/23/2025 17:40	WG2498364
cis-1,2-Dichloroethene	U		0.126	1.00	1	04/23/2025 17:40	WG2498364
trans-1,2-Dichloroethene	U		0.149	1.00	1	04/23/2025 17:40	WG2498364
1,2-Dichloropropane	U		0.149	1.00	1	04/23/2025 17:40	WG2498364
1,1-Dichloropropene	U		0.142	1.00	1	04/23/2025 17:40	WG2498364
1,3-Dichloropropane	U		0.110	1.00	1	04/23/2025 17:40	WG2498364
cis-1,3-Dichloropropene	U		0.111	1.00	1	04/23/2025 17:40	WG2498364
trans-1,3-Dichloropropene	U		0.118	1.00	1	04/23/2025 17:40	WG2498364
2,2-Dichloropropane	U		0.161	1.00	1	04/23/2025 17:40	WG2498364
Di-isopropyl ether	U		0.105	1.00	1	04/23/2025 17:40	WG2498364
Ethylbenzene	U		0.137	1.00	1	04/23/2025 17:40	WG2498364
Hexachloro-1,3-butadiene	U		0.337	1.00	1	04/23/2025 17:40	WG2498364
Isopropylbenzene	U		0.105	1.00	1	04/23/2025 17:40	WG2498364
p-Isopropyltoluene	U		0.120	1.00	1	04/23/2025 17:40	WG2498364
2-Butanone (MEK)	U		1.19	10.0	1	04/23/2025 17:40	WG2498364
Methylene Chloride	U		0.430	5.00	1	04/23/2025 17:40	WG2498364
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	04/23/2025 17:40	WG2498364
Methyl tert-butyl ether	U		0.101	1.00	1	04/23/2025 17:40	WG2498364
n-Propylbenzene	U		0.0993	1.00	1	04/23/2025 17:40	WG2498364
Styrene	U	<u>C3</u>	0.118	1.00	1	04/23/2025 17:40	WG2498364
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	04/23/2025 17:40	WG2498364
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	04/23/2025 17:40	WG2498364
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	04/23/2025 17:40	WG2498364
Tetrachloroethene	U		0.300	1.00	1	04/23/2025 17:40	WG2498364
Toluene	0.301	<u>J</u>	0.278	1.00	1	04/23/2025 17:40	WG2498364
1,2,3-Trichlorobenzene	U		0.230	1.00	1	04/23/2025 17:40	WG2498364
1,2,4-Trichlorobenzene	U		0.481	1.00	1	04/23/2025 17:40	WG2498364
1,1,1-Trichloroethane	U		0.149	1.00	1	04/23/2025 17:40	WG2498364

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.158	1.00	1	04/23/2025 17:40	WG2498364
Trichloroethene	U		0.190	1.00	1	04/23/2025 17:40	WG2498364
Trichlorofluoromethane	U	<u>C3</u>	0.160	5.00	1	04/23/2025 17:40	WG2498364
1,2,3-Trichloropropane	U		0.237	2.50	1	04/23/2025 17:40	WG2498364
1,2,4-Trimethylbenzene	U		0.322	1.00	1	04/23/2025 17:40	WG2498364
1,2,3-Trimethylbenzene	U		0.104	1.00	1	04/23/2025 17:40	WG2498364
1,3,5-Trimethylbenzene	U		0.104	1.00	1	04/23/2025 17:40	WG2498364
Vinyl chloride	U		0.234	1.00	1	04/23/2025 17:40	WG2498364
Xylenes, Total	U		0.174	3.00	1	04/23/2025 17:40	WG2498364
(S) Toluene-d8	97.7			80.0-120		04/23/2025 17:40	WG2498364
(S) 4-Bromofluorobenzene	97.8			77.0-126		04/23/2025 17:40	WG2498364
(S) 1,2-Dichloroethane-d4	112			70.0-130		04/23/2025 17:40	WG2498364

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

Method Blank (MB)

(MB) R4204285-1 04/23/25 17:13

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

1 Cp

2 Tc

3 Ss

L1850922-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1850922-01 04/23/25 17:13 • (DUP) R4204285-3 04/23/25 17:13

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits
Total Solids	96.0	95.7	1	0.254		10

4 Cn

5 Sr

Laboratory Control Sample (LCS)

(LCS) R4204285-2 04/23/25 17:13

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	90.0-110	

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4204734-1 04/24/25 15:57

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Ammonia Nitrogen	U		7190	10000

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1850899-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1850899-01 04/24/25 15:59 • (DUP) R4204734-3 04/24/25 16:00

Analyte	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Ammonia Nitrogen	U	U	1	0.000		20

L1850899-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1850899-05 04/24/25 16:08 • (DUP) R4204734-6 04/24/25 16:12

Analyte	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Ammonia Nitrogen	28900	U	1	200	P1	20

Laboratory Control Sample (LCS)

(LCS) R4204734-2 04/24/25 15:58

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Ammonia Nitrogen	250000	255000	102	90.0-110	

L1850899-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1850899-02 04/24/25 16:02 • (MS) R4204734-4 04/24/25 16:03 • (MSD) R4204734-5 04/24/25 16:04

Analyte	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Ammonia Nitrogen	614000	U	304000	294000	49.6	47.8	1	90.0-110	J6	J6	3.61	20

Method Blank (MB)

(MB) R4206551-1 04/28/25 16:30

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Kjeldahl Nitrogen, TKN	U		15200	20000

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1850922-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1850922-07 04/28/25 19:09 • (DUP) R4206551-5 04/28/25 19:10

Analyte	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Kjeldahl Nitrogen, TKN	2790000	2880000	10	3.12		20

L1850922-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1850922-09 04/28/25 19:14 • (DUP) R4206551-7 04/28/25 19:16

Analyte	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Kjeldahl Nitrogen, TKN	2820000	2660000	10	5.82		20

Laboratory Control Sample (LCS)

(LCS) R4206551-2 04/28/25 16:31

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Kjeldahl Nitrogen, TKN	294000	299000	102	81.7-124	

L1850899-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1850899-02 04/28/25 16:34 • (MS) R4206551-3 04/28/25 16:35 • (MSD) R4206551-4 04/28/25 16:36

Analyte	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Kjeldahl Nitrogen, TKN	491000	227000	510000	486000	57.7	52.8	1	81.7-124	<u>J6</u>	<u>J6</u>	4.83	20

L1850922-08 Original Sample (OS) • Matrix Spike (MS)

(OS) L1850922-08 04/28/25 19:12 • (MS) R4206551-6 04/28/25 19:13

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Kjeldahl Nitrogen, TKN	452000	3030000	3210000	39.6	10	81.7-124	<u>V</u>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4204255-1 04/23/25 20:40

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Nitrate-Nitrite	662	↓	606	20000

1 Cp

2 Tc

3 Ss

Laboratory Control Sample (LCS)

(LCS) R4204255-2 04/23/25 20:54

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Nitrate-Nitrite	40000	37100	92.6	80.0-120	

4 Cn

5 Sr

L1850896-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1850896-01 04/23/25 21:07 • (MS) R4204255-3 04/23/25 21:21 • (MSD) R4204255-4 04/23/25 21:34

Analyte	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Nitrate-Nitrite	47100	6460	49200	48800	90.7	89.8	1	80.0-120			0.943	15

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4204258-1 04/23/25 23:42

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Nitrate-Nitrite	U		624	20600

1 Cp

2 Tc

3 Ss

Laboratory Control Sample (LCS)

(LCS) R4204258-2 04/23/25 23:55

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Nitrate-Nitrite	40000	35700	89.2	80.0-120	

4 Cn

5 Sr

6 Qc

L1850899-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1850899-02 04/24/25 00:22 • (MS) R4204258-3 04/24/25 00:36 • (MSD) R4204258-4 04/24/25 00:49

Analyte	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Nitrate-Nitrite	49100	U	44300	45200	90.3	92.1	1	80.0-120			1.92	15

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4204732-1 04/24/25 17:42

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
TOC By Walkley Black	U		25500	100000

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1850922-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1850922-03 04/24/25 17:50 • (DUP) R4204732-5 04/24/25 17:50

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
TOC By Walkley Black	4620000	4790000	5	3.65		20

L1850922-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1850922-04 04/24/25 17:51 • (DUP) R4204732-6 04/24/25 17:51

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
TOC By Walkley Black	2440000	2430000	1	0.351		20

Laboratory Control Sample (LCS)

(LCS) R4204732-2 04/24/25 17:42

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
TOC By Walkley Black	3230000	3770000	117	75.0-144	

L1850899-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1850899-02 04/24/25 17:44 • (MS) R4204732-3 04/24/25 17:45 • (MSD) R4204732-4 04/24/25 17:45

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
TOC By Walkley Black	8000000	2020000	10600000	10300000	108	103	2	80.0-120			3.37	20

Method Blank (MB)

(MB) R4204663-1 04/24/25 11:02

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/kg		ug/kg	ug/kg
Aluminum	U		6080	20000
Antimony	U		691	2000
Beryllium	U		47.7	200
Calcium	U		19000	100000
Cobalt	U		177	1000
Iron	2430	J	2240	10000
Magnesium	U		19900	100000
Manganese	U		173	1000
Potassium	U		20900	100000
Sodium	U		41200	100000
Thallium	U		518	2000
Vanadium	U		383	2000

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS)

(LCS) R4204663-2 04/24/25 11:03

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/kg	ug/kg	%	%	
Aluminum	1000000	996000	99.6	80.0-120	
Antimony	100000	102000	102	80.0-120	
Beryllium	100000	97300	97.3	80.0-120	
Calcium	1000000	967000	96.7	80.0-120	
Cobalt	100000	93300	93.3	80.0-120	
Iron	1000000	963000	96.3	80.0-120	
Magnesium	1000000	989000	98.9	80.0-120	
Manganese	100000	98100	98.1	80.0-120	
Potassium	1000000	999000	99.9	80.0-120	
Sodium	1000000	993000	99.3	80.0-120	
Thallium	100000	98300	98.3	80.0-120	
Vanadium	100000	96000	96.0	80.0-120	

L1850922-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1850922-04 04/24/25 11:05 • (MS) R4204663-5 04/24/25 11:10 • (MSD) R4204663-6 04/24/25 11:12

Analyte	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/kg	ug/kg	ug/kg	ug/kg	%	%		%			%	%
Aluminum	1000000	412000	1520000	1310000	111	89.4	1	75.0-125			15.0	20
Antimony	100000	U	85800	85500	85.6	85.3	1	75.0-125			0.397	20

L1850922-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1850922-04 04/24/25 11:05 • (MS) R4204663-5 04/24/25 11:10 • (MSD) R4204663-6 04/24/25 11:12

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Beryllium	100000	61.4	94900	89500	94.6	89.3	1	75.0-125			5.80	20
Calcium	1000000	3360000	4240000	4080000	87.4	71.3	1	75.0-125		J6	3.87	20
Cobalt	100000	794	93200	89700	92.2	88.6	1	75.0-125			3.90	20
Iron	1000000	965000	2220000	1570000	126	60.0	1	75.0-125	J5	J3 J6	34.7	20
Magnesium	1000000	365000	1410000	1310000	104	94.4	1	75.0-125			7.17	20
Manganese	100000	46300	137000	125000	90.2	78.9	1	75.0-125			8.60	20
Potassium	1000000	348000	1320000	1230000	96.8	88.2	1	75.0-125			6.80	20
Sodium	1000000	U	1240000	1010000	124	101	1	75.0-125		J3	20.4	20
Thallium	100000	U	95800	93000	95.6	92.7	1	75.0-125			3.05	20
Vanadium	100000	1880	95500	90900	93.4	88.8	1	75.0-125			4.90	20

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4204210-3 04/23/25 15:23

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

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4204210-3 04/23/25 15:23

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
n-Propylbenzene	U		0.0993	1.00
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	1.00
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	1.00
1,2,3-Trimethylbenzene	U		0.104	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	101			80.0-120
(S) 4-Bromofluorobenzene	94.2			77.0-126
(S) 1,2-Dichloroethane-d4	113			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

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

(LCS) R4204210-1 04/23/25 14:25 • (LCSD) R4204210-2 04/23/25 14:44

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	21.4	17.4	85.6	69.6	19.0-160	J	J	20.6	27
Acrolein	25.0	229	182	916	728	10.0-160	J4	J4	22.9	26
Acrylonitrile	25.0	33.9	29.4	136	118	55.0-149			14.2	20
Benzene	5.00	4.83	4.84	96.6	96.8	70.0-123			0.207	20
Bromobenzene	5.00	4.51	4.48	90.2	89.6	73.0-121			0.667	20

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

(LCS) R4204210-1 04/23/25 14:25 • (LCSD) R4204210-2 04/23/25 14:44

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 %
Bromodichloromethane	5.00	4.89	4.90	97.8	98.0	75.0-120			0.204	20
Bromoform	5.00	4.41	4.36	88.2	87.2	68.0-132			1.14	20
Bromomethane	5.00	4.50	4.58	90.0	91.6	10.0-160	U	U	1.76	25
n-Butylbenzene	5.00	4.71	4.79	94.2	95.8	73.0-125			1.68	20
sec-Butylbenzene	5.00	4.62	4.69	92.4	93.8	75.0-125			1.50	20
tert-Butylbenzene	5.00	4.52	4.65	90.4	93.0	76.0-124			2.84	20
Carbon tetrachloride	5.00	4.48	4.44	89.6	88.8	68.0-126			0.897	20
Chlorobenzene	5.00	4.67	4.69	93.4	93.8	80.0-121			0.427	20
Chlorodibromomethane	5.00	4.46	4.56	89.2	91.2	77.0-125			2.22	20
Chloroethane	5.00	4.59	4.21	91.8	84.2	47.0-150	U	U	8.64	20
Chloroform	5.00	4.84	4.86	96.8	97.2	73.0-120	U	U	0.412	20
Chloromethane	5.00	5.80	6.15	116	123	41.0-142			5.86	20
2-Chlorotoluene	5.00	4.63	4.68	92.6	93.6	76.0-123			1.07	20
4-Chlorotoluene	5.00	4.57	4.60	91.4	92.0	75.0-122			0.654	20
1,2-Dibromo-3-Chloropropane	5.00	4.86	4.56	97.2	91.2	58.0-134	U	U	6.37	20
1,2-Dibromoethane	5.00	4.68	4.69	93.6	93.8	80.0-122			0.213	20
Dibromomethane	5.00	4.94	5.06	98.8	101	80.0-120			2.40	20
1,2-Dichlorobenzene	5.00	4.95	4.84	99.0	96.8	79.0-121			2.25	20
1,3-Dichlorobenzene	5.00	4.69	4.75	93.8	95.0	79.0-120			1.27	20
1,4-Dichlorobenzene	5.00	4.91	4.75	98.2	95.0	79.0-120			3.31	20
Dichlorodifluoromethane	5.00	4.94	5.02	98.8	100	51.0-149	U		1.61	20
1,1-Dichloroethane	5.00	5.23	5.26	105	105	70.0-126			0.572	20
1,2-Dichloroethane	5.00	5.61	5.40	112	108	70.0-128			3.81	20
1,1-Dichloroethene	5.00	4.31	4.25	86.2	85.0	71.0-124			1.40	20
cis-1,2-Dichloroethene	5.00	4.82	4.75	96.4	95.0	73.0-120			1.46	20
trans-1,2-Dichloroethene	5.00	4.57	4.40	91.4	88.0	73.0-120			3.79	20
1,2-Dichloropropane	5.00	5.12	5.00	102	100	77.0-125			2.37	20
1,1-Dichloropropene	5.00	4.57	4.58	91.4	91.6	74.0-126			0.219	20
1,3-Dichloropropane	5.00	4.67	4.76	93.4	95.2	80.0-120			1.91	20
cis-1,3-Dichloropropene	5.00	4.56	4.42	91.2	88.4	80.0-123			3.12	20
trans-1,3-Dichloropropene	5.00	4.19	4.05	83.8	81.0	78.0-124			3.40	20
2,2-Dichloropropane	5.00	4.49	4.55	89.8	91.0	58.0-130			1.33	20
Di-isopropyl ether	5.00	5.76	5.88	115	118	58.0-138			2.06	20
Ethylbenzene	5.00	4.46	4.35	89.2	87.0	79.0-123			2.50	20
Hexachloro-1,3-butadiene	5.00	4.28	4.71	85.6	94.2	54.0-138			9.57	20
Isopropylbenzene	5.00	4.51	4.66	90.2	93.2	76.0-127			3.27	20
p-Isopropyltoluene	5.00	4.57	4.79	91.4	95.8	76.0-125			4.70	20
2-Butanone (MEK)	25.0	25.3	22.4	101	89.6	44.0-160			12.2	20
Methylene Chloride	5.00	4.65	4.43	93.0	88.6	67.0-120	U	U	4.85	20
4-Methyl-2-pentanone (MIBK)	25.0	32.2	30.2	129	121	68.0-142			6.41	20

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

(LCS) R4204210-1 04/23/25 14:25 • (LCSD) R4204210-2 04/23/25 14:44

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 %
Methyl tert-butyl ether	5.00	4.83	4.93	96.6	98.6	68.0-125			2.05	20
n-Propylbenzene	5.00	4.56	4.64	91.2	92.8	77.0-124			1.74	20
Styrene	5.00	3.88	3.98	77.6	79.6	73.0-130			2.54	20
1,1,1,2-Tetrachloroethane	5.00	4.77	4.66	95.4	93.2	75.0-125			2.33	20
1,1,2,2-Tetrachloroethane	5.00	4.60	4.34	92.0	86.8	65.0-130			5.82	20
1,1,2-Trichlorotrifluoroethane	5.00	4.78	4.72	95.6	94.4	69.0-132			1.26	20
Tetrachloroethene	5.00	4.49	4.53	89.8	90.6	72.0-132			0.887	20
Toluene	5.00	4.61	4.55	92.2	91.0	79.0-120			1.31	20
1,2,3-Trichlorobenzene	5.00	4.91	4.65	98.2	93.0	50.0-138			5.44	20
1,2,4-Trichlorobenzene	5.00	4.26	4.36	85.2	87.2	57.0-137			2.32	20
1,1,1-Trichloroethane	5.00	4.91	5.02	98.2	100	73.0-124			2.22	20
1,1,2-Trichloroethane	5.00	4.83	4.69	96.6	93.8	80.0-120			2.94	20
Trichloroethene	5.00	5.11	5.00	102	100	78.0-124			2.18	20
Trichlorofluoromethane	5.00	3.90	4.48	78.0	89.6	59.0-147	↓	↓	13.8	20
1,2,3-Trichloropropane	5.00	4.92	4.59	98.4	91.8	73.0-130			6.94	20
1,2,4-Trimethylbenzene	5.00	4.61	4.71	92.2	94.2	76.0-121			2.15	20
1,2,3-Trimethylbenzene	5.00	4.77	4.85	95.4	97.0	77.0-120			1.66	20
1,3,5-Trimethylbenzene	5.00	4.77	4.73	95.4	94.6	76.0-122			0.842	20
Vinyl chloride	5.00	4.31	4.60	86.2	92.0	67.0-131			6.51	20
Xylenes, Total	15.0	13.3	13.7	88.7	91.3	79.0-123			2.96	20
(S) Toluene-d8				95.7	96.3	80.0-120				
(S) 4-Bromofluorobenzene				94.1	98.1	77.0-126				
(S) 1,2-Dichloroethane-d4				114	112	70.0-130				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4204306-3 04/24/25 02:25

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/kg		ug/kg	ug/kg
Acetone	U		36.5	50.0
Acrylonitrile	U		3.61	12.5
Bromobenzene	U		0.900	12.5
Bromodichloromethane	U		0.725	2.50
Bromoform	U		1.17	25.0
Bromomethane	U		1.97	12.5
n-Butylbenzene	U		5.25	12.5
sec-Butylbenzene	U		2.88	12.5
tert-Butylbenzene	U		1.95	5.00
Carbon tetrachloride	U		0.898	5.00
Chlorobenzene	U		0.210	2.50
Chlorodibromomethane	U		0.612	2.50
Chloroethane	U		1.70	5.00
Chloroform	1.03	U	1.03	2.50
Chloromethane	U		4.35	12.5
2-Chlorotoluene	U		0.865	2.50
4-Chlorotoluene	U		0.450	5.00
1,2-Dibromo-3-Chloropropane	U		3.90	25.0
1,2-Dibromoethane	U		0.648	2.50
Dibromomethane	U		0.750	5.00
1,2-Dichlorobenzene	U		0.425	5.00
1,3-Dichlorobenzene	U		0.600	5.00
1,4-Dichlorobenzene	U		0.700	5.00
Dichlorodifluoromethane	U		1.61	5.00
1,1-Dichloroethane	U		0.491	2.50
1,2-Dichloroethane	U		0.649	2.50
1,1-Dichloroethene	U		0.606	2.50
cis-1,2-Dichloroethene	U		0.734	2.50
trans-1,2-Dichloroethene	U		1.04	5.00
1,2-Dichloropropane	U		1.42	5.00
1,1-Dichloropropene	U		0.809	2.50
1,3-Dichloropropane	U		0.501	5.00
cis-1,3-Dichloropropene	U		0.757	2.50
trans-1,3-Dichloropropene	U		1.14	5.00
2,2-Dichloropropane	U		1.38	2.50
Di-isopropyl ether	U		0.410	1.00
Hexachloro-1,3-butadiene	U		6.00	25.0
Isopropylbenzene	U		0.425	2.50
p-Isopropyltoluene	U		2.55	5.00
2-Butanone (MEK)	U		63.5	100

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4204306-3 04/24/25 02:25

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/kg		ug/kg	ug/kg
Methylene Chloride	U		6.64	25.0
4-Methyl-2-pentanone (MIBK)	U		2.28	25.0
Methyl tert-butyl ether	U		0.350	1.00
n-Propylbenzene	U		0.950	5.00
Styrene	U		0.229	12.5
1,1,1,2-Tetrachloroethane	U		0.948	2.50
1,1,2,2-Tetrachloroethane	U		0.695	2.50
1,1,2-Trichlorotrifluoroethane	U		0.754	2.50
Tetrachloroethene	U		0.896	2.50
1,2,3-Trichlorobenzene	U		7.33	12.5
1,2,4-Trichlorobenzene	U		4.40	12.5
1,1,1-Trichloroethane	U		0.923	2.50
1,1,2-Trichloroethane	U		0.597	2.50
Trichloroethene	U		0.584	1.00
Trichlorofluoromethane	U		0.827	2.50
1,2,3-Trichloropropane	U		1.62	12.5
1,2,3-Trimethylbenzene	U		1.58	5.00
Vinyl chloride	U		1.16	2.50
(S) Toluene-d8	97.6			75.0-131
(S) 4-Bromofluorobenzene	101			67.0-138
(S) 1,2-Dichloroethane-d4	94.6			70.0-130

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

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

(LCS) R4204306-1 04/24/25 00:18 • (LCSD) R4204306-2 04/24/25 00:37

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/kg	ug/kg	ug/kg	%	%	%			%	%
Acetone	625	1000	1260	160	202	10.0-160		J4	23.0	31
Acrylonitrile	625	553	574	88.5	91.8	45.0-153			3.73	22
Bromobenzene	125	119	109	95.2	87.2	73.0-121			8.77	20
Bromodichloromethane	125	134	129	107	103	73.0-121			3.80	20
Bromoform	125	109	108	87.2	86.4	64.0-132			0.922	20
Bromomethane	125	202	196	162	157	56.0-147	J4	J4	3.02	20
n-Butylbenzene	125	124	125	99.2	100	68.0-135			0.803	20
sec-Butylbenzene	125	122	117	97.6	93.6	74.0-130			4.18	20
tert-Butylbenzene	125	120	111	96.0	88.8	75.0-127			7.79	20
Carbon tetrachloride	125	136	131	109	105	66.0-128			3.75	20
Chlorobenzene	125	123	114	98.4	91.2	76.0-128			7.59	20
Chlorodibromomethane	125	117	113	93.6	90.4	74.0-127			3.48	20

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

(LCS) R4204306-1 04/24/25 00:18 • (LCSD) R4204306-2 04/24/25 00:37

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCSD Result ug/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Chloroethane	125	148	143	118	114	61.0-134			3.44	20
Chloroform	125	131	126	105	101	72.0-123			3.89	20
Chloromethane	125	178	165	142	132	51.0-138	J4		7.58	20
2-Chlorotoluene	125	119	110	95.2	88.0	75.0-124			7.86	20
4-Chlorotoluene	125	121	116	96.8	92.8	75.0-124			4.22	20
1,2-Dibromo-3-Chloropropane	125	94.3	104	75.4	83.2	59.0-130			9.78	20
1,2-Dibromoethane	125	116	111	92.8	88.8	74.0-128			4.41	20
Dibromomethane	125	127	126	102	101	75.0-122			0.791	20
1,2-Dichlorobenzene	125	120	120	96.0	96.0	76.0-124			0.000	20
1,3-Dichlorobenzene	125	114	112	91.2	89.6	76.0-125			1.77	20
1,4-Dichlorobenzene	125	114	108	91.2	86.4	77.0-121			5.41	20
Dichlorodifluoromethane	125	220	198	176	158	43.0-156	J4	J4	10.5	20
1,1-Dichloroethane	125	144	136	115	109	70.0-127			5.71	20
1,2-Dichloroethane	125	144	134	115	107	65.0-131			7.19	20
1,1-Dichloroethene	125	150	142	120	114	65.0-131			5.48	20
cis-1,2-Dichloroethene	125	125	120	100	96.0	73.0-125			4.08	20
trans-1,2-Dichloroethene	125	139	132	111	106	71.0-125			5.17	20
1,2-Dichloropropane	125	140	129	112	103	74.0-125			8.18	20
1,1-Dichloropropene	125	137	127	110	102	73.0-125			7.58	20
1,3-Dichloropropane	125	124	115	99.2	92.0	80.0-125			7.53	20
cis-1,3-Dichloropropene	125	138	127	110	102	76.0-127			8.30	20
trans-1,3-Dichloropropene	125	129	122	103	97.6	73.0-127			5.58	20
2,2-Dichloropropane	125	153	142	122	114	59.0-135			7.46	20
Di-isopropyl ether	125	147	146	118	117	60.0-136			0.683	20
Hexachloro-1,3-butadiene	125	116	111	92.8	88.8	57.0-150			4.41	20
Isopropylbenzene	125	125	126	100	101	72.0-127			0.797	20
p-Isopropyltoluene	125	121	115	96.8	92.0	72.0-133			5.08	20
2-Butanone (MEK)	625	508	557	81.3	89.1	30.0-160			9.20	24
Methylene Chloride	125	153	142	122	114	68.0-123			7.46	20
4-Methyl-2-pentanone (MIBK)	625	688	704	110	113	56.0-143			2.30	20
Methyl tert-butyl ether	125	136	145	109	116	66.0-132			6.41	20
n-Propylbenzene	125	125	117	100	93.6	74.0-126			6.61	20
Styrene	125	130	120	104	96.0	72.0-127			8.00	20
1,1,1,2-Tetrachloroethane	125	111	114	88.8	91.2	74.0-129			2.67	20
1,1,2,2-Tetrachloroethane	125	104	99.4	83.2	79.5	68.0-128			4.52	20
1,1,2-Trichlorotrifluoroethane	125	145	129	116	103	61.0-139			11.7	20
Tetrachloroethene	125	119	112	95.2	89.6	70.0-136			6.06	20
1,2,3-Trichlorobenzene	125	121	137	96.8	110	59.0-139			12.4	20
1,2,4-Trichlorobenzene	125	122	140	97.6	112	62.0-137			13.7	20
1,1,1-Trichloroethane	125	138	134	110	107	69.0-126			2.94	20

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

(LCS) R4204306-1 04/24/25 00:18 • (LCSD) R4204306-2 04/24/25 00:37

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCSD Result ug/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
1,1,2-Trichloroethane	125	127	120	102	96.0	78.0-123			5.67	20
Trichloroethene	125	141	131	113	105	76.0-126			7.35	20
Trichlorofluoromethane	125	165	153	132	122	61.0-142			7.55	20
1,2,3-Trichloropropane	125	116	111	92.8	88.8	67.0-129			4.41	20
1,2,3-Trimethylbenzene	125	121	126	96.8	101	74.0-124			4.05	20
Vinyl chloride	125	188	175	150	140	63.0-134	J4	J4	7.16	20
(S) Toluene-d8				95.6	95.1	75.0-131				
(S) 4-Bromofluorobenzene				102	103	67.0-138				
(S) 1,2-Dichloroethane-d4				99.1	98.8	70.0-130				

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

Method Blank (MB)

(MB) R4204227-2 04/23/25 23:31

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Acenaphthylene	U		4.69	33.3
Benzidine	U		62.6	1670
Benzo(g,h,i)perylene	U		6.09	33.3
Bis(2-chlorethoxy)methane	U		10.0	333
Bis(2-chloroethyl)ether	U		11.0	333
2,2-Oxybis(1-Chloropropane)	U		14.4	333
4-Bromophenyl-phenylether	U		11.7	333
2-Chloronaphthalene	U		5.85	33.3
4-Chlorophenyl-phenylether	U		11.6	333
1,2-Dichlorobenzene	U		9.87	333
1,3-Dichlorobenzene	U		10.1	333
1,4-Dichlorobenzene	U		9.91	333
3,3-Dichlorobenzidine	U		12.3	333
2,4-Dinitrotoluene	U		9.55	333
2,6-Dinitrotoluene	U		10.9	333
Hexachlorobenzene	U		11.8	333
Hexachloro-1,3-butadiene	U		11.2	333
Hexachlorocyclopentadiene	U		17.5	333
Hexachloroethane	U		13.1	333
Isophorone	U		10.2	333
Nitrobenzene	U		11.6	333
n-Nitrosodimethylamine	U		49.4	333
n-Nitrosodiphenylamine	U		25.2	333
n-Nitrosodi-n-propylamine	U		11.1	333
Phenanthrene	U		6.61	33.3
Benzylbutyl phthalate	U		10.4	333
Bis(2-ethylhexyl)phthalate	U		42.2	333
Di-n-butyl phthalate	U		11.4	333
Diethyl phthalate	U		11.0	333
Dimethyl phthalate	U		70.6	333
Di-n-octyl phthalate	U		22.5	333
1,2,4-Trichlorobenzene	U		10.4	333
4-Chloro-3-methylphenol	U		10.8	333
2-Chlorophenol	U		11.0	333
2,4-Dichlorophenol	U		9.70	333
2,4-Dimethylphenol	U		8.70	333
4,6-Dinitro-2-methylphenol	U		75.5	333
2,4-Dinitrophenol	U		77.9	333
2-Nitrophenol	U		11.9	333
4-Nitrophenol	U		10.4	333

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4204227-2 04/23/25 23:31

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/kg		ug/kg	ug/kg
Pentachlorophenol	U		8.96	333
Phenol	U		13.4	333
2,4,6-Trichlorophenol	U		10.7	333
(S) 2-Fluorophenol	86.3			12.0-120
(S) Phenol-d5	79.7			10.0-120
(S) Nitrobenzene-d5	76.6			10.0-122
(S) 2-Fluorobiphenyl	80.5			15.0-120
(S) 2,4,6-Tribromophenol	78.7			10.0-127
(S) p-Terphenyl-d14	89.2			10.0-120

Laboratory Control Sample (LCS)

(LCS) R4204227-1 04/23/25 23:10

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/kg	ug/kg	%	%	
Acenaphthylene	666	561	84.2	40.0-120	
Benzidine	1330	486	36.5	10.0-120	J
Benzo(g,h,i)perylene	666	525	78.8	43.0-120	
Bis(2-chlorethoxy)methane	666	380	57.1	20.0-120	
Bis(2-chloroethyl)ether	666	379	56.9	16.0-120	
2,2-Oxybis(1-Chloropropane)	666	461	69.2	23.0-120	
4-Bromophenyl-phenylether	666	534	80.2	40.0-120	
2-Chloronaphthalene	666	468	70.3	35.0-120	
4-Chlorophenyl-phenylether	666	529	79.4	40.0-120	
1,2-Dichlorobenzene	666	455	68.3	32.0-120	
1,3-Dichlorobenzene	666	439	65.9	30.0-120	
1,4-Dichlorobenzene	666	463	69.5	31.0-120	
3,3-Dichlorobenzidine	1330	1060	79.7	28.0-120	
2,4-Dinitrotoluene	666	605	90.8	45.0-120	
2,6-Dinitrotoluene	666	558	83.8	42.0-120	
Hexachlorobenzene	666	487	73.1	39.0-120	
Hexachloro-1,3-butadiene	666	371	55.7	15.0-120	
Hexachlorocyclopentadiene	666	360	54.1	15.0-120	
Hexachloroethane	666	447	67.1	17.0-120	
Isophorone	666	415	62.3	23.0-120	
Nitrobenzene	666	401	60.2	17.0-120	
n-Nitrosodimethylamine	666	440	66.1	10.0-125	
n-Nitrosodiphenylamine	666	522	78.4	40.0-120	
n-Nitrosodi-n-propylamine	666	450	67.6	26.0-120	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Laboratory Control Sample (LCS)

(LCS) R4204227-1 04/23/25 23:10

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Phenanthrene	666	499	74.9	42.0-120	
Benzylbutyl phthalate	666	594	89.2	40.0-120	
Bis(2-ethylhexyl)phthalate	666	602	90.4	41.0-120	
Di-n-butyl phthalate	666	560	84.1	43.0-120	
Diethyl phthalate	666	565	84.8	43.0-120	
Dimethyl phthalate	666	562	84.4	43.0-120	
Di-n-octyl phthalate	666	593	89.0	40.0-120	
1,2,4-Trichlorobenzene	666	398	59.8	17.0-120	
4-Chloro-3-methylphenol	666	387	58.1	28.0-120	
2-Chlorophenol	666	431	64.7	28.0-120	
2,4-Dichlorophenol	666	375	56.3	25.0-120	
2,4-Dimethylphenol	666	335	50.3	15.0-120	
4,6-Dinitro-2-methylphenol	666	528	79.3	16.0-120	
2,4-Dinitrophenol	666	442	66.4	10.0-120	
2-Nitrophenol	666	455	68.3	20.0-120	
4-Nitrophenol	666	602	90.4	27.0-120	
Pentachlorophenol	666	377	56.6	29.0-120	
Phenol	666	440	66.1	28.0-120	
2,4,6-Trichlorophenol	666	459	68.9	37.0-120	
(S) 2-Fluorophenol			80.9	12.0-120	
(S) Phenol-d5			73.7	10.0-120	
(S) Nitrobenzene-d5			72.7	10.0-122	
(S) 2-Fluorobiphenyl			74.5	15.0-120	
(S) 2,4,6-Tribromophenol			82.0	10.0-127	
(S) p-Terphenyl-d14			80.8	10.0-120	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1850913-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1850913-01 04/23/25 23:52 • (MS) R4204227-3 04/24/25 00:13 • (MSD) R4204227-4 04/24/25 00:34

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acenaphthylene	839	U	599	640	71.4	76.3	1	25.0-120			6.63	32
Benzidine	1680	U	1100	1060	65.4	63.3	1	10.0-120	↓	↓	3.32	40
Benzo(g,h,i)perylene	839	U	676	630	80.6	75.1	1	10.0-120			7.07	33
Bis(2-chlorethoxy)methane	839	U	394	407	46.9	48.5	1	10.0-120	↓	↓	3.21	34
Bis(2-chloroethyl)ether	839	U	390	400	46.5	47.7	1	10.0-120	↓	↓	2.60	40
2,2-Oxybis(1-Chloropropane)	839	U	439	467	52.3	55.7	1	10.0-120			6.23	40
4-Bromophenyl-phenylether	839	U	617	647	73.5	77.1	1	27.0-120			4.67	30
2-Chloronaphthalene	839	U	477	522	56.9	62.2	1	20.0-120			8.99	32

L1850913-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1850913-01 04/23/25 23:52 • (MS) R4204227-3 04/24/25 00:13 • (MSD) R4204227-4 04/24/25 00:34

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
4-Chlorophenyl-phenylether	839	U	591	613	70.5	73.1	1	24.0-120			3.62	29
1,2-Dichlorobenzene	839	U	428	457	51.1	54.4	1	10.0-120			6.38	38
1,3-Dichlorobenzene	839	U	413	432	49.2	51.5	1	10.0-120	J		4.55	40
1,4-Dichlorobenzene	839	U	436	463	52.0	55.2	1	10.0-120			5.99	39
3,3-Dichlorobenzidine	1680	U	1480	1410	87.8	84.0	1	10.0-120			4.44	34
2,4-Dinitrotoluene	839	U	780	774	93.0	92.2	1	30.0-120			0.826	31
2,6-Dinitrotoluene	839	U	681	676	81.2	80.6	1	25.0-120			0.756	31
Hexachlorobenzene	839	U	590	612	70.3	72.9	1	27.0-120			3.63	28
Hexachloro-1,3-butadiene	839	U	364	386	43.4	46.0	1	10.0-120	J	J	5.81	38
Hexachlorocyclopentadiene	839	U	192	192	22.9	22.9	1	10.0-120	J	J	0.000	40
Hexachloroethane	839	U	420	446	50.0	53.2	1	10.0-120	J		6.22	40
Isophorone	839	U	437	462	52.1	55.0	1	13.0-120			5.42	34
Nitrobenzene	839	U	407	435	48.5	51.8	1	10.0-120	J		6.71	36
n-Nitrosodimethylamine	839	U	457	502	54.4	59.8	1	10.0-127			9.37	40
n-Nitrosodiphenylamine	839	U	625	649	74.5	77.4	1	17.0-120			3.83	29
n-Nitrosodi-n-propylamine	839	U	454	481	54.1	57.3	1	10.0-120			5.76	37
Phenanthrene	839	U	622	620	74.2	73.9	1	17.0-120			0.413	31
Benzylbutyl phthalate	839	U	779	735	92.8	87.6	1	23.0-120			5.76	30
Bis(2-ethylhexyl)phthalate	839	U	784	754	93.4	89.9	1	17.0-126			3.84	30
Di-n-butyl phthalate	839	U	703	703	83.8	83.8	1	30.0-120			0.000	29
Diethyl phthalate	839	U	718	708	85.6	84.4	1	26.0-120			1.44	28
Dimethyl phthalate	839	U	654	684	78.0	81.5	1	25.0-120			4.41	29
Di-n-octyl phthalate	839	U	776	739	92.5	88.1	1	21.0-123			4.91	29
1,2,4-Trichlorobenzene	839	U	402	427	47.9	50.9	1	12.0-120	J	J	6.19	37
4-Chloro-3-methylphenol	839	U	444	417	52.9	49.7	1	15.0-120		J	6.26	30
2-Chlorophenol	839	U	443	462	52.8	55.0	1	15.0-120			4.26	37
2,4-Dichlorophenol	839	U	394	366	46.9	43.6	1	20.0-120	J	J	7.43	31
2,4-Dimethylphenol	839	U	326	272	38.8	32.4	1	10.0-120	J	J	18.0	33
4,6-Dinitro-2-methylphenol	839	U	693	650	82.6	77.5	1	10.0-120			6.30	39
2,4-Dinitrophenol	839	U	683	618	81.3	73.7	1	10.0-121			9.86	40
2-Nitrophenol	839	U	488	493	58.1	58.7	1	12.0-120			1.05	39
4-Nitrophenol	839	U	802	752	95.6	89.6	1	10.0-137			6.44	32
Pentachlorophenol	839	U	531	500	63.3	59.6	1	10.0-160			5.97	31
Phenol	839	U	178	71.7	21.3	8.55	1	12.0-120	J	J J3 J6	85.3	38
2,4,6-Trichlorophenol	839	U	494	502	58.9	59.8	1	19.0-120			1.55	32
(S) 2-Fluorophenol					64.8	68.0		12.0-120				
(S) Phenol-d5					21.6	8.23		10.0-120		J2		
(S) Nitrobenzene-d5					57.8	61.5		10.0-122				
(S) 2-Fluorobiphenyl					59.3	65.4		15.0-120				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1850913-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1850913-01 04/23/25 23:52 • (MS) R4204227-3 04/24/25 00:13 • (MSD) R4204227-4 04/24/25 00:34

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
(S) 2,4,6-Tribromophenol					78.3	80.1		10.0-127				
(S) p-Terphenyl-d14					81.3	77.1		10.0-120				

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

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

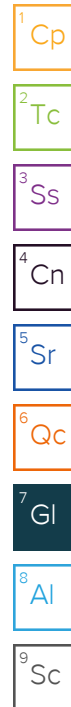
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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

Abbreviations and Definitions

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

Qualifier	Description
B	The same analyte is found in the associated blank.
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
C7	The initial calibration verification standard (SSCV) associated with this data responded high.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.



GLOSSARY OF TERMS

Qualifier	Description
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.
V	The sample concentration is too high to evaluate accurate spike recoveries.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

ACCREDITATIONS & LOCATIONS

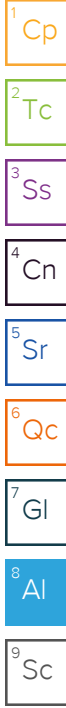
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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

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

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

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



Company Name/Address: **CTEH LLC**
 5120 North Shore drive,
 North Little Rock, AR
 72118

Billing Information:
 Ctehap@montrose-
 env.com

Analysis / Container / Preservative Chain of Custody Page 1 of 2

Report to:
 labresults@cteh.com

Email To: ecatin@cteh.com
 KyleLawrence@cteh.com

Project Description:
 Bishop Loss of Containment Incident

City/State Collected: **Galeton CO** Please Circle: PT M CT EY

Phone:

Client Project #
Proj - 054017

Lab Project #

Collected by (print): **Alec Scott**

Site/Facility ID #

P.O. #

Collected by (signature):

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

Quote #

Immediately Packed on Ice N Y

Date Results Needed

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs:
GAC004226CB001	Grab	SS		04/22/25	1105	3
GAC004226CB002	Grab	SS		04/22/25	1130	3
GAC004226CB003	Grab	SS		04/22/25	1140	3
GAC004226CB004	Grab	SS		04/22/25	1145	3
GAC004226CB005	Grab	SS		04/22/25	1255	3
GAC004226CB006	Grab	SS		04/22/25	1310	3
GAC004226CB007	Grab	SS		04/22/25	1322	3
GAC004226CB008	Grab	SS		04/22/25	1340	3
GAC004226CB008	Grab	SS		04/22/25	1340	3

Pres Chk	804	604	804	804
	1	1	1	1
	VOCs 82600			
	SVOCs 8270E; Metals			
	6010D			
	Total N/TKN/N + N/NH3 EPA			
	512/1056A			
	TOC Walkley Black			

Pace
 PEOPLE ADVANCING SCIENCE
 12065 Lebanon Rd Mount Juliet, TN 37122
 Phone: 615-758-5858 Alt: 800-767-5859
 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: <https://info.pacelabs.com/hubfs/pas-standard-terms.pdf>
 SDG # **L185092**
J117

Acctnum:
 Template: **T271979**
 Prelogin:
 PM:
 PB:
 Shipped Via:

Remarks	Sample # (lab only)
	01
	02
	03
	04
	05
	06
	07
	08
	09

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

Remarks:
 pH _____ Temp _____
 Flow _____ Other _____
 Samples returned via:
 UPS FedEx Courier
 Tracking #

Sample Receipt Checklist

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

Relinquished by: (Signature)

Date: **4/22/25** Time: **1638**

Received by: (Signature)

Trip Blank Received: Yes/No
 Yes No
 HCl/MeOH
 TBR

Relinquished by: (Signature)

Date: **4-22-25** Time: **18:00**

Received by: (Signature)

Temp: _____ °C Bottles Received: **27**

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date: _____ Time: _____

Received for lab by: (Signature)

Date: **04/23/25** Time: **9:00**

Hold: _____ Condition: **NCF / OK**

