

## CTEH - ER

Sample Delivery Group: L1850899  
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

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

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# SAMPLE SUMMARY

## GAC0422EX019A-1 L1850899-01 Solid

Collected by: Kym McCann  
 Collected date/time: 04/22/25 07:50  
 Received date/time: 04/23/25 13:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2498506	1	04/23/25 21:52	04/28/25 16:32	AEC	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2498369	1	04/23/25 16:09	04/23/25 16:30	CMB	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2498519	1	04/23/25 19:42	04/24/25 15:59	KMB	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2501019	1	04/27/25 09:34	04/28/25 16:32	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2498506	1.04	04/23/25 21:52	04/24/25 00:09	AJC	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2498523	5	04/23/25 18:38	04/24/25 17:43	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2498528	1	04/23/25 19:35	04/24/25 12:13	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2498480	1	04/23/25 15:56	04/24/25 01:29	KST	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2498517	1	04/23/25 18:47	04/24/25 17:37	NJK	Mt. Juliet, TN



## GAC0422EX020A-1 L1850899-02 Solid

Collected by: Kym McCann  
 Collected date/time: 04/22/25 07:57  
 Received date/time: 04/23/25 13:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2498506	1	04/23/25 21:52	04/28/25 16:34	AEC	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2498369	1	04/23/25 16:09	04/23/25 16:30	CMB	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2498519	1	04/23/25 19:42	04/24/25 16:02	KMB	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2501019	1	04/27/25 09:34	04/28/25 16:34	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2498506	1	04/23/25 21:52	04/24/25 00:22	AJC	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2498523	2	04/23/25 18:38	04/24/25 17:44	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2498528	1	04/23/25 19:35	04/24/25 12:05	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2498480	1	04/23/25 15:56	04/24/25 01:49	KST	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2498517	1	04/23/25 18:47	04/24/25 15:24	NJK	Mt. Juliet, TN

## GAC0422EXC020A-1 L1850899-03 Solid

Collected by: Kym McCann  
 Collected date/time: 04/22/25 07:57  
 Received date/time: 04/23/25 13:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2498506	1	04/23/25 21:52	04/28/25 16:38	AEC	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2498369	1	04/23/25 16:09	04/23/25 16:30	CMB	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2498519	1	04/23/25 19:42	04/24/25 16:06	KMB	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2501019	1	04/27/25 09:34	04/28/25 16:38	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2498506	1	04/23/25 21:52	04/24/25 01:03	AJC	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2498523	2	04/23/25 18:38	04/24/25 17:46	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2498528	1	04/23/25 19:35	04/24/25 12:15	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2498480	1	04/23/25 15:56	04/24/25 02:09	KST	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2498517	1	04/23/25 18:47	04/24/25 16:52	NJK	Mt. Juliet, TN

## GAC0422EX021A-1 L1850899-04 Solid

Collected by: Kym McCann  
 Collected date/time: 04/22/25 08:00  
 Received date/time: 04/23/25 13:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2498506	1	04/23/25 21:52	04/28/25 16:39	AEC	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2498369	1	04/23/25 16:09	04/23/25 16:30	CMB	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2498519	1	04/23/25 19:42	04/24/25 16:07	KMB	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2501019	1	04/27/25 09:34	04/28/25 16:39	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2498506	1.03	04/23/25 21:52	04/24/25 01:16	AJC	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2498523	1	04/23/25 18:38	04/24/25 17:46	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2498528	1	04/23/25 19:35	04/24/25 12:16	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2498480	1	04/23/25 15:56	04/24/25 02:29	KST	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2498517	1	04/23/25 18:47	04/24/25 17:15	NJK	Mt. Juliet, TN

# SAMPLE SUMMARY

## GAC0422EX022A-1 L1850899-05 Solid

Collected by: Kym McCann  
 Collected date/time: 04/22/25 08:18  
 Received date/time: 04/23/25 13:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2498506	1	04/23/25 21:52	04/28/25 16:40	AEC	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2498369	1	04/23/25 16:09	04/23/25 16:30	CMB	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2498519	1	04/23/25 19:42	04/24/25 16:08	KMB	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2501019	1	04/27/25 09:34	04/28/25 16:40	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2498506	1	04/23/25 21:52	04/24/25 01:30	AJC	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2498523	5	04/23/25 18:38	04/24/25 17:46	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2498528	1	04/23/25 19:35	04/24/25 12:21	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2498480	1	04/23/25 15:56	04/24/25 02:48	KST	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2498517	2	04/23/25 18:47	04/24/25 17:59	NJK	Mt. Juliet, TN



## GAC0422EX023A-1 L1850899-06 Solid

Collected by: Kym McCann  
 Collected date/time: 04/22/25 08:28  
 Received date/time: 04/23/25 13:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2498506	1	04/23/25 21:52	04/28/25 16:41	AEC	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2498369	1	04/23/25 16:09	04/23/25 16:30	CMB	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2498519	1	04/23/25 19:42	04/24/25 16:13	KMB	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2501019	1	04/27/25 09:34	04/28/25 16:41	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2498506	1	04/23/25 21:52	04/24/25 01:43	AJC	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2498523	1	04/23/25 18:38	04/24/25 17:47	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2498528	1	04/23/25 19:35	04/24/25 12:23	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2498480	40	04/23/25 15:56	04/24/25 05:27	KST	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2498517	1	04/23/25 18:47	04/24/25 15:02	NJK	Mt. Juliet, TN

## GAC0422EX024A-1 L1850899-07 Solid

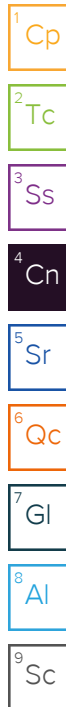
Collected by: Kym McCann  
 Collected date/time: 04/22/25 08:25  
 Received date/time: 04/23/25 13:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2498506	1	04/23/25 21:52	04/28/25 16:45	AEC	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2498375	1	04/23/25 16:31	04/23/25 16:50	CMB	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2498519	1	04/23/25 19:42	04/24/25 16:14	KMB	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2501019	1	04/27/25 09:34	04/28/25 16:45	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2498506	1.01	04/23/25 21:52	04/24/25 01:57	AJC	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2498523	1	04/23/25 18:38	04/24/25 17:47	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2498528	1	04/23/25 19:35	04/24/25 12:25	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2498480	1	04/23/25 15:56	04/24/25 03:08	KST	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2498517	1	04/23/25 18:47	04/24/25 16:30	NJK	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, L1850899-05	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, L1850899-02	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, L1850899-02	Kjeldahl Nitrogen, TKN

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

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

## Metals (ICP) by Method 6010D

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

Batch	Lab Sample ID	Analytes
WG2498528	(MS) R4204665-5, (MSD) R4204665-6, L1850899-02	Aluminum, Magnesium and Manganese

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

Batch	Lab Sample ID	Analytes
WG2498528	(MS) R4204665-5, (MSD) R4204665-6, L1850899-02	Calcium and Iron

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

Batch	Lab Sample ID	Analytes
WG2498528	(MSD) R4204665-6, L1850899-02	Calcium

# CASE NARRATIVE

## Metals (ICP) by Method 6010D

The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.

Batch	Lab Sample ID	Analytes
WG2498528	L1850899-02	Calcium

## 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
WG2498480	L1850899-01	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Acetone, Bromoform and Hexachloro-1,3-butadiene
WG2498480	L1850899-02	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Acetone, Bromoform and Hexachloro-1,3-butadiene
WG2498480	L1850899-03	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Acetone, Bromoform and Hexachloro-1,3-butadiene
WG2498480	L1850899-04	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Acetone, Bromoform and Hexachloro-1,3-butadiene
WG2498480	L1850899-05	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Acetone, Bromoform and Hexachloro-1,3-butadiene
WG2498480	L1850899-06	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Acetone, Bromoform and Hexachloro-1,3-butadiene
WG2498480	L1850899-07	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, Acetone, Bromoform and Hexachloro-1,3-butadiene

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

Batch	Lab Sample ID	Analytes
WG2498480	(LCSD) R4204311-2, L1850899-01, 02, 03, 04, 05, 06, 07	1,2,3-Trichlorobenzene

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

Batch	Lab Sample ID	Analytes
WG2498480	(LCSD) R4204311-2, L1850899-01, 02, 03, 04, 05, 06, 07	2,2-Dichloropropane

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

Batch	Lab Sample ID	Analytes
WG2498480	(LCSD) R4204311-2, L1850899-01, 03, 04, 05, 06, 07	2,2-Dichloropropane

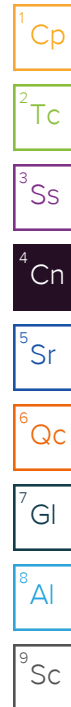
The associated batch QC was outside the established quality control range for precision.

Batch	Lab Sample ID	Analytes
WG2498480	(MSD) R4204311-5, L1850899-02	Acetone

## 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
WG2498517	L1850899-01	Hexachlorocyclopentadiene
WG2498517	L1850899-02	Hexachlorocyclopentadiene
WG2498517	L1850899-03	Hexachlorocyclopentadiene
WG2498517	L1850899-04	Hexachlorocyclopentadiene
WG2498517	L1850899-05	Hexachlorocyclopentadiene
WG2498517	L1850899-06	Hexachlorocyclopentadiene
WG2498517	L1850899-07	Hexachlorocyclopentadiene



# CASE NARRATIVE

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

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

Batch	Lab Sample ID	Analytes
WG2498517	L1850899-01	Pentachlorophenol
WG2498517	L1850899-02	Pentachlorophenol
WG2498517	L1850899-03	Pentachlorophenol
WG2498517	L1850899-04	Pentachlorophenol
WG2498517	L1850899-05	Pentachlorophenol
WG2498517	L1850899-06	Pentachlorophenol
WG2498517	L1850899-07	Pentachlorophenol

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

Batch	Lab Sample ID	Analytes
WG2498517	(MS) R4204730-3, (MSD) R4204730-4, L1850899-02	Hexachlorocyclopentadiene

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc

<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc

Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	423000		747	23700	1	04/28/2025 16:32	<a href="#">WG2498506</a>

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	84.4		1	04/23/2025 16:30	<a href="#">WG2498369</a>

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		8520	11900	1	04/24/2025 15:59	<a href="#">WG2498519</a>

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	422000		18000	23700	1	04/28/2025 16:32	<a href="#">WG2501019</a>

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	1430	J	747	24700	1.04	04/24/2025 00:09	<a href="#">WG2498506</a>

Wet Chemistry by Method WALKLEY-BLACK

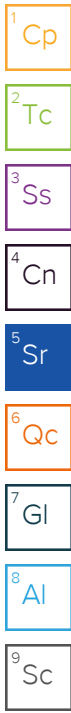
Analyte	Result ug/kg	Qualifier	MDL ug/kg	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	3740000		128000	500000	5	04/24/2025 17:43	<a href="#">WG2498523</a>

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	1710000		7210	23700	1	04/24/2025 12:13	<a href="#">WG2498528</a>
Antimony	U		819	2370	1	04/24/2025 12:13	<a href="#">WG2498528</a>
Beryllium	420		56.5	237	1	04/24/2025 12:13	<a href="#">WG2498528</a>
Calcium	6820000		22500	119000	1	04/24/2025 12:13	<a href="#">WG2498528</a>
Cobalt	3470		210	1190	1	04/24/2025 12:13	<a href="#">WG2498528</a>
Iron	10100000		2650	11900	1	04/24/2025 12:13	<a href="#">WG2498528</a>
Magnesium	1280000		23600	119000	1	04/24/2025 12:13	<a href="#">WG2498528</a>
Manganese	264000		205	1190	1	04/24/2025 12:13	<a href="#">WG2498528</a>
Potassium	618000		24800	119000	1	04/24/2025 12:13	<a href="#">WG2498528</a>
Sodium	141000		48800	119000	1	04/24/2025 12:13	<a href="#">WG2498528</a>
Thallium	U		614	2370	1	04/24/2025 12:13	<a href="#">WG2498528</a>
Vanadium	13200		454	2370	1	04/24/2025 12:13	<a href="#">WG2498528</a>

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	C3	50.0	68.5	1	04/24/2025 01:29	<a href="#">WG2498480</a>
Acrylonitrile	U		4.95	17.1	1	04/24/2025 01:29	<a href="#">WG2498480</a>
Bromobenzene	U		1.23	17.1	1	04/24/2025 01:29	<a href="#">WG2498480</a>
Bromodichloromethane	U		0.994	3.43	1	04/24/2025 01:29	<a href="#">WG2498480</a>
Bromoform	U	C3	1.60	34.3	1	04/24/2025 01:29	<a href="#">WG2498480</a>
Bromomethane	U		2.70	17.1	1	04/24/2025 01:29	<a href="#">WG2498480</a>



## 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		7.20	17.1	1	04/24/2025 01:29	WG2498480
sec-Butylbenzene	U		3.95	17.1	1	04/24/2025 01:29	WG2498480
tert-Butylbenzene	U		2.67	6.85	1	04/24/2025 01:29	WG2498480
Carbon tetrachloride	U		1.23	6.85	1	04/24/2025 01:29	WG2498480
Chlorobenzene	U		0.288	3.43	1	04/24/2025 01:29	WG2498480
Chlorodibromomethane	U		0.839	3.43	1	04/24/2025 01:29	WG2498480
Chloroethane	U		2.33	6.85	1	04/24/2025 01:29	WG2498480
Chloroform	U		1.41	3.43	1	04/24/2025 01:29	WG2498480
Chloromethane	U		5.96	17.1	1	04/24/2025 01:29	WG2498480
2-Chlorotoluene	U		1.19	3.43	1	04/24/2025 01:29	WG2498480
4-Chlorotoluene	U		0.617	6.85	1	04/24/2025 01:29	WG2498480
1,2-Dibromo-3-Chloropropane	U	C3	5.35	34.3	1	04/24/2025 01:29	WG2498480
1,2-Dibromoethane	U		0.888	3.43	1	04/24/2025 01:29	WG2498480
Dibromomethane	U		1.03	6.85	1	04/24/2025 01:29	WG2498480
1,2-Dichlorobenzene	U		0.583	6.85	1	04/24/2025 01:29	WG2498480
1,3-Dichlorobenzene	U		0.823	6.85	1	04/24/2025 01:29	WG2498480
1,4-Dichlorobenzene	U		0.960	6.85	1	04/24/2025 01:29	WG2498480
Dichlorodifluoromethane	U		2.21	6.85	1	04/24/2025 01:29	WG2498480
1,1-Dichloroethane	U		0.673	3.43	1	04/24/2025 01:29	WG2498480
1,2-Dichloroethane	U		0.890	3.43	1	04/24/2025 01:29	WG2498480
1,1-Dichloroethene	U		0.831	3.43	1	04/24/2025 01:29	WG2498480
cis-1,2-Dichloroethene	U		1.01	3.43	1	04/24/2025 01:29	WG2498480
trans-1,2-Dichloroethene	U		1.43	6.85	1	04/24/2025 01:29	WG2498480
1,2-Dichloropropane	U		1.95	6.85	1	04/24/2025 01:29	WG2498480
1,1-Dichloropropene	U		1.11	3.43	1	04/24/2025 01:29	WG2498480
1,3-Dichloropropane	U		0.687	6.85	1	04/24/2025 01:29	WG2498480
cis-1,3-Dichloropropene	U		1.04	3.43	1	04/24/2025 01:29	WG2498480
trans-1,3-Dichloropropene	U		1.56	6.85	1	04/24/2025 01:29	WG2498480
2,2-Dichloropropane	U	J3 J4	1.89	3.43	1	04/24/2025 01:29	WG2498480
Di-isopropyl ether	U		0.562	1.37	1	04/24/2025 01:29	WG2498480
Hexachloro-1,3-butadiene	U	C3	8.23	34.3	1	04/24/2025 01:29	WG2498480
Isopropylbenzene	U		0.583	3.43	1	04/24/2025 01:29	WG2498480
p-Isopropyltoluene	U		3.50	6.85	1	04/24/2025 01:29	WG2498480
2-Butanone (MEK)	U		87.1	137	1	04/24/2025 01:29	WG2498480
Methylene Chloride	U		9.10	34.3	1	04/24/2025 01:29	WG2498480
4-Methyl-2-pentanone (MIBK)	U		3.13	34.3	1	04/24/2025 01:29	WG2498480
Methyl tert-butyl ether	U		0.480	1.37	1	04/24/2025 01:29	WG2498480
n-Propylbenzene	U		1.30	6.85	1	04/24/2025 01:29	WG2498480
Styrene	U		0.314	17.1	1	04/24/2025 01:29	WG2498480
1,1,1,2-Tetrachloroethane	U		1.30	3.43	1	04/24/2025 01:29	WG2498480
1,1,2,2-Tetrachloroethane	U		0.953	3.43	1	04/24/2025 01:29	WG2498480
1,1,2-Trichlorotrifluoroethane	U		1.03	3.43	1	04/24/2025 01:29	WG2498480
Tetrachloroethene	U		1.23	3.43	1	04/24/2025 01:29	WG2498480
1,2,3-Trichlorobenzene	U	C3 J4	10.0	17.1	1	04/24/2025 01:29	WG2498480
1,2,4-Trichlorobenzene	U	C3	6.03	17.1	1	04/24/2025 01:29	WG2498480
1,1,1-Trichloroethane	U		1.27	3.43	1	04/24/2025 01:29	WG2498480
1,1,2-Trichloroethane	U		0.818	3.43	1	04/24/2025 01:29	WG2498480
Trichloroethene	U		0.801	1.37	1	04/24/2025 01:29	WG2498480
Trichlorofluoromethane	U		1.13	3.43	1	04/24/2025 01:29	WG2498480
1,2,3-Trichloropropane	U		2.22	17.1	1	04/24/2025 01:29	WG2498480
1,2,3-Trimethylbenzene	U		2.17	6.85	1	04/24/2025 01:29	WG2498480
Vinyl chloride	U		1.59	3.43	1	04/24/2025 01:29	WG2498480
(S) Toluene-d8	102			75.0-131		04/24/2025 01:29	WG2498480
(S) 4-Bromofluorobenzene	99.6			67.0-138		04/24/2025 01:29	WG2498480
(S) 1,2-Dichloroethane-d4	85.9			70.0-130		04/24/2025 01:29	WG2498480

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		5.56	39.5	1	04/24/2025 17:37	WG2498517
Benzidine	U		74.2	1980	1	04/24/2025 17:37	WG2498517
Benzo(g,h,i)perylene	U		7.22	39.5	1	04/24/2025 17:37	WG2498517
Bis(2-chloroethoxy)methane	U		11.9	395	1	04/24/2025 17:37	WG2498517
Bis(2-chloroethyl)ether	U		13.0	395	1	04/24/2025 17:37	WG2498517
2,2-Oxybis(1-Chloropropane)	U		17.1	395	1	04/24/2025 17:37	WG2498517
4-Bromophenyl-phenylether	U		13.9	395	1	04/24/2025 17:37	WG2498517
2-Chloronaphthalene	U		6.93	39.5	1	04/24/2025 17:37	WG2498517
4-Chlorophenyl-phenylether	U		13.7	395	1	04/24/2025 17:37	WG2498517
1,2-Dichlorobenzene	U		11.7	395	1	04/24/2025 17:37	WG2498517
1,3-Dichlorobenzene	U		12.0	395	1	04/24/2025 17:37	WG2498517
1,4-Dichlorobenzene	U		11.7	395	1	04/24/2025 17:37	WG2498517
3,3-Dichlorobenzidine	U		14.6	395	1	04/24/2025 17:37	WG2498517
2,4-Dinitrotoluene	U		11.3	395	1	04/24/2025 17:37	WG2498517
2,6-Dinitrotoluene	U		12.9	395	1	04/24/2025 17:37	WG2498517
Hexachlorobenzene	U		14.0	395	1	04/24/2025 17:37	WG2498517
Hexachloro-1,3-butadiene	U		13.3	395	1	04/24/2025 17:37	WG2498517
Hexachlorocyclopentadiene	U	C7	20.7	395	1	04/24/2025 17:37	WG2498517
Hexachloroethane	U		15.5	395	1	04/24/2025 17:37	WG2498517
Isophorone	U		12.1	395	1	04/24/2025 17:37	WG2498517
Nitrobenzene	U		13.7	395	1	04/24/2025 17:37	WG2498517
n-Nitrosodimethylamine	U		58.5	395	1	04/24/2025 17:37	WG2498517
n-Nitrosodiphenylamine	U		29.9	395	1	04/24/2025 17:37	WG2498517
n-Nitrosodi-n-propylamine	U		13.2	395	1	04/24/2025 17:37	WG2498517
Phenanthrene	U		7.83	39.5	1	04/24/2025 17:37	WG2498517
Benzylbutyl phthalate	U		12.3	395	1	04/24/2025 17:37	WG2498517
Bis(2-ethylhexyl)phthalate	U		50.0	395	1	04/24/2025 17:37	WG2498517
Di-n-butyl phthalate	U		13.5	395	1	04/24/2025 17:37	WG2498517
Diethyl phthalate	U		13.0	395	1	04/24/2025 17:37	WG2498517
Dimethyl phthalate	U		83.7	395	1	04/24/2025 17:37	WG2498517
Di-n-octyl phthalate	U		26.7	395	1	04/24/2025 17:37	WG2498517
1,2,4-Trichlorobenzene	U		12.3	395	1	04/24/2025 17:37	WG2498517
4-Chloro-3-methylphenol	U		12.8	395	1	04/24/2025 17:37	WG2498517
2-Chlorophenol	U		13.0	395	1	04/24/2025 17:37	WG2498517
2,4-Dichlorophenol	U		11.5	395	1	04/24/2025 17:37	WG2498517
2,4-Dimethylphenol	U		10.3	395	1	04/24/2025 17:37	WG2498517
4,6-Dinitro-2-methylphenol	U		89.5	395	1	04/24/2025 17:37	WG2498517
2,4-Dinitrophenol	U		92.3	395	1	04/24/2025 17:37	WG2498517
2-Nitrophenol	U		14.1	395	1	04/24/2025 17:37	WG2498517
4-Nitrophenol	U		12.3	395	1	04/24/2025 17:37	WG2498517
Pentachlorophenol	U	C3	10.6	395	1	04/24/2025 17:37	WG2498517
Phenol	U		15.9	395	1	04/24/2025 17:37	WG2498517
2,4,6-Trichlorophenol	U		12.7	395	1	04/24/2025 17:37	WG2498517
(S) 2-Fluorophenol	81.7			12.0-120		04/24/2025 17:37	WG2498517
(S) Phenol-d5	77.0			10.0-120		04/24/2025 17:37	WG2498517
(S) Nitrobenzene-d5	75.0			10.0-122		04/24/2025 17:37	WG2498517
(S) 2-Fluorobiphenyl	71.6			15.0-120		04/24/2025 17:37	WG2498517
(S) 2,4,6-Tribromophenol	76.4			10.0-127		04/24/2025 17:37	WG2498517
(S) p-Terphenyl-d14	83.8			10.0-120		04/24/2025 17:37	WG2498517

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	227000		744	24500	1	04/28/2025 16:34	<a href="#">WG2498506</a>

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	81.5		1	04/23/2025 16:30	<a href="#">WG2498369</a>

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	<a href="#">J6</a>	8830	12300	1	04/24/2025 16:02	<a href="#">WG2498519</a>

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	227000	<a href="#">J6</a>	18700	24500	1	04/28/2025 16:34	<a href="#">WG2501019</a>

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	U		744	24500	1	04/24/2025 00:22	<a href="#">WG2498506</a>

Wet Chemistry by Method WALKLEY-BLACK

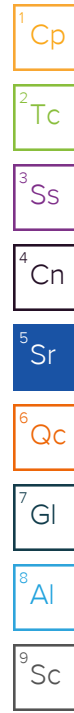
Analyte	Result ug/kg	Qualifier	MDL ug/kg	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	2020000		51000	200000	2	04/24/2025 17:44	<a href="#">WG2498523</a>

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	3700000	<a href="#">J5</a>	7460	24500	1	04/24/2025 12:05	<a href="#">WG2498528</a>
Antimony	U		848	2450	1	04/24/2025 12:05	<a href="#">WG2498528</a>
Beryllium	392		58.5	245	1	04/24/2025 12:05	<a href="#">WG2498528</a>
Calcium	27600000	<a href="#">J3 O1 V</a>	23300	123000	1	04/24/2025 12:05	<a href="#">WG2498528</a>
Cobalt	2840		217	1230	1	04/24/2025 12:05	<a href="#">WG2498528</a>
Iron	6720000	<a href="#">V</a>	2750	12300	1	04/24/2025 12:05	<a href="#">WG2498528</a>
Magnesium	3520000	<a href="#">J5</a>	24400	123000	1	04/24/2025 12:05	<a href="#">WG2498528</a>
Manganese	113000	<a href="#">J5</a>	212	1230	1	04/24/2025 12:05	<a href="#">WG2498528</a>
Potassium	984000		25700	123000	1	04/24/2025 12:05	<a href="#">WG2498528</a>
Sodium	131000		50600	123000	1	04/24/2025 12:05	<a href="#">WG2498528</a>
Thallium	U		636	2450	1	04/24/2025 12:05	<a href="#">WG2498528</a>
Vanadium	11800		470	2450	1	04/24/2025 12:05	<a href="#">WG2498528</a>

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	<a href="#">C3 J3</a>	53.1	72.8	1	04/24/2025 01:49	<a href="#">WG2498480</a>
Acrylonitrile	U		5.25	18.2	1	04/24/2025 01:49	<a href="#">WG2498480</a>
Bromobenzene	U		1.31	18.2	1	04/24/2025 01:49	<a href="#">WG2498480</a>
Bromodichloromethane	U		1.05	3.64	1	04/24/2025 01:49	<a href="#">WG2498480</a>
Bromoform	U	<a href="#">C3</a>	1.70	36.4	1	04/24/2025 01:49	<a href="#">WG2498480</a>
Bromomethane	U		2.87	18.2	1	04/24/2025 01:49	<a href="#">WG2498480</a>



## 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		7.64	18.2	1	04/24/2025 01:49	WG2498480
sec-Butylbenzene	U		4.19	18.2	1	04/24/2025 01:49	WG2498480
tert-Butylbenzene	U		2.84	7.28	1	04/24/2025 01:49	WG2498480
Carbon tetrachloride	U		1.31	7.28	1	04/24/2025 01:49	WG2498480
Chlorobenzene	U		0.306	3.64	1	04/24/2025 01:49	WG2498480
Chlorodibromomethane	U		0.890	3.64	1	04/24/2025 01:49	WG2498480
Chloroethane	U		2.47	7.28	1	04/24/2025 01:49	WG2498480
Chloroform	U		1.50	3.64	1	04/24/2025 01:49	WG2498480
Chloromethane	U		6.33	18.2	1	04/24/2025 01:49	WG2498480
2-Chlorotoluene	U		1.26	3.64	1	04/24/2025 01:49	WG2498480
4-Chlorotoluene	U		0.655	7.28	1	04/24/2025 01:49	WG2498480
1,2-Dibromo-3-Chloropropane	U	C3	5.67	36.4	1	04/24/2025 01:49	WG2498480
1,2-Dibromoethane	U		0.943	3.64	1	04/24/2025 01:49	WG2498480
Dibromomethane	U		1.09	7.28	1	04/24/2025 01:49	WG2498480
1,2-Dichlorobenzene	U		0.618	7.28	1	04/24/2025 01:49	WG2498480
1,3-Dichlorobenzene	U		0.873	7.28	1	04/24/2025 01:49	WG2498480
1,4-Dichlorobenzene	U		1.02	7.28	1	04/24/2025 01:49	WG2498480
Dichlorodifluoromethane	U		2.34	7.28	1	04/24/2025 01:49	WG2498480
1,1-Dichloroethane	U		0.714	3.64	1	04/24/2025 01:49	WG2498480
1,2-Dichloroethane	U		0.944	3.64	1	04/24/2025 01:49	WG2498480
1,1-Dichloroethene	U		0.882	3.64	1	04/24/2025 01:49	WG2498480
cis-1,2-Dichloroethene	U		1.07	3.64	1	04/24/2025 01:49	WG2498480
trans-1,2-Dichloroethene	U		1.51	7.28	1	04/24/2025 01:49	WG2498480
1,2-Dichloropropane	U		2.07	7.28	1	04/24/2025 01:49	WG2498480
1,1-Dichloropropene	U		1.18	3.64	1	04/24/2025 01:49	WG2498480
1,3-Dichloropropane	U		0.729	7.28	1	04/24/2025 01:49	WG2498480
cis-1,3-Dichloropropene	U		1.10	3.64	1	04/24/2025 01:49	WG2498480
trans-1,3-Dichloropropene	U		1.66	7.28	1	04/24/2025 01:49	WG2498480
2,2-Dichloropropane	U	J4	2.01	3.64	1	04/24/2025 01:49	WG2498480
Di-isopropyl ether	U		0.597	1.46	1	04/24/2025 01:49	WG2498480
Hexachloro-1,3-butadiene	U	C3	8.73	36.4	1	04/24/2025 01:49	WG2498480
Isopropylbenzene	U		0.618	3.64	1	04/24/2025 01:49	WG2498480
p-Isopropyltoluene	U		3.71	7.28	1	04/24/2025 01:49	WG2498480
2-Butanone (MEK)	U		92.4	146	1	04/24/2025 01:49	WG2498480
Methylene Chloride	U		9.66	36.4	1	04/24/2025 01:49	WG2498480
4-Methyl-2-pentanone (MIBK)	U		3.32	36.4	1	04/24/2025 01:49	WG2498480
Methyl tert-butyl ether	U		0.509	1.46	1	04/24/2025 01:49	WG2498480
n-Propylbenzene	U		1.38	7.28	1	04/24/2025 01:49	WG2498480
Styrene	U		0.333	18.2	1	04/24/2025 01:49	WG2498480
1,1,1,2-Tetrachloroethane	U		1.38	3.64	1	04/24/2025 01:49	WG2498480
1,1,2,2-Tetrachloroethane	U		1.01	3.64	1	04/24/2025 01:49	WG2498480
1,1,2-Trichlorotrifluoroethane	U		1.10	3.64	1	04/24/2025 01:49	WG2498480
Tetrachloroethene	U		1.30	3.64	1	04/24/2025 01:49	WG2498480
1,2,3-Trichlorobenzene	U	C3 J4	10.7	18.2	1	04/24/2025 01:49	WG2498480
1,2,4-Trichlorobenzene	U	C3	6.40	18.2	1	04/24/2025 01:49	WG2498480
1,1,1-Trichloroethane	U		1.34	3.64	1	04/24/2025 01:49	WG2498480
1,1,2-Trichloroethane	U		0.869	3.64	1	04/24/2025 01:49	WG2498480
Trichloroethene	U		0.850	1.46	1	04/24/2025 01:49	WG2498480
Trichlorofluoromethane	U		1.20	3.64	1	04/24/2025 01:49	WG2498480
1,2,3-Trichloropropane	U		2.36	18.2	1	04/24/2025 01:49	WG2498480
1,2,3-Trimethylbenzene	U		2.30	7.28	1	04/24/2025 01:49	WG2498480
Vinyl chloride	U		1.69	3.64	1	04/24/2025 01:49	WG2498480
(S) Toluene-d8	103			75.0-131		04/24/2025 01:49	WG2498480
(S) 4-Bromofluorobenzene	97.3			67.0-138		04/24/2025 01:49	WG2498480
(S) 1,2-Dichloroethane-d4	86.2			70.0-130		04/24/2025 01:49	WG2498480

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		5.76	40.9	1	04/24/2025 15:24	WG2498517
Benzidine	U		76.8	2050	1	04/24/2025 15:24	WG2498517
Benzo(g,h,i)perylene	U		7.47	40.9	1	04/24/2025 15:24	WG2498517
Bis(2-chloroethoxy)methane	U		12.3	409	1	04/24/2025 15:24	WG2498517
Bis(2-chloroethyl)ether	U		13.5	409	1	04/24/2025 15:24	WG2498517
2,2-Oxybis(1-Chloropropane)	U		17.7	409	1	04/24/2025 15:24	WG2498517
4-Bromophenyl-phenylether	U		14.4	409	1	04/24/2025 15:24	WG2498517
2-Chloronaphthalene	U		7.18	40.9	1	04/24/2025 15:24	WG2498517
4-Chlorophenyl-phenylether	U		14.2	409	1	04/24/2025 15:24	WG2498517
1,2-Dichlorobenzene	U		12.1	409	1	04/24/2025 15:24	WG2498517
1,3-Dichlorobenzene	U		12.4	409	1	04/24/2025 15:24	WG2498517
1,4-Dichlorobenzene	U		12.2	409	1	04/24/2025 15:24	WG2498517
3,3-Dichlorobenzidine	U		15.1	409	1	04/24/2025 15:24	WG2498517
2,4-Dinitrotoluene	U		11.7	409	1	04/24/2025 15:24	WG2498517
2,6-Dinitrotoluene	U		13.4	409	1	04/24/2025 15:24	WG2498517
Hexachlorobenzene	U		14.5	409	1	04/24/2025 15:24	WG2498517
Hexachloro-1,3-butadiene	U		13.7	409	1	04/24/2025 15:24	WG2498517
Hexachlorocyclopentadiene	U	C7 J6	21.5	409	1	04/24/2025 15:24	WG2498517
Hexachloroethane	U		16.1	409	1	04/24/2025 15:24	WG2498517
Isophorone	U		12.5	409	1	04/24/2025 15:24	WG2498517
Nitrobenzene	U		14.2	409	1	04/24/2025 15:24	WG2498517
n-Nitrosodimethylamine	U		60.6	409	1	04/24/2025 15:24	WG2498517
n-Nitrosodiphenylamine	U		30.9	409	1	04/24/2025 15:24	WG2498517
n-Nitrosodi-n-propylamine	U		13.6	409	1	04/24/2025 15:24	WG2498517
Phenanthrene	U		8.11	40.9	1	04/24/2025 15:24	WG2498517
Benzylbutyl phthalate	U		12.8	409	1	04/24/2025 15:24	WG2498517
Bis(2-ethylhexyl)phthalate	U		51.8	409	1	04/24/2025 15:24	WG2498517
Di-n-butyl phthalate	U		14.0	409	1	04/24/2025 15:24	WG2498517
Diethyl phthalate	U		13.5	409	1	04/24/2025 15:24	WG2498517
Dimethyl phthalate	U		86.7	409	1	04/24/2025 15:24	WG2498517
Di-n-octyl phthalate	U		27.6	409	1	04/24/2025 15:24	WG2498517
1,2,4-Trichlorobenzene	U		12.8	409	1	04/24/2025 15:24	WG2498517
4-Chloro-3-methylphenol	U		13.3	409	1	04/24/2025 15:24	WG2498517
2-Chlorophenol	U		13.5	409	1	04/24/2025 15:24	WG2498517
2,4-Dichlorophenol	U		11.9	409	1	04/24/2025 15:24	WG2498517
2,4-Dimethylphenol	U		10.7	409	1	04/24/2025 15:24	WG2498517
4,6-Dinitro-2-methylphenol	U		92.7	409	1	04/24/2025 15:24	WG2498517
2,4-Dinitrophenol	U		95.6	409	1	04/24/2025 15:24	WG2498517
2-Nitrophenol	U		14.6	409	1	04/24/2025 15:24	WG2498517
4-Nitrophenol	U		12.8	409	1	04/24/2025 15:24	WG2498517
Pentachlorophenol	U	C3	11.0	409	1	04/24/2025 15:24	WG2498517
Phenol	U		16.4	409	1	04/24/2025 15:24	WG2498517
2,4,6-Trichlorophenol	U		13.1	409	1	04/24/2025 15:24	WG2498517
(S) 2-Fluorophenol	70.9			12.0-120		04/24/2025 15:24	WG2498517
(S) Phenol-d5	67.7			10.0-120		04/24/2025 15:24	WG2498517
(S) Nitrobenzene-d5	61.6			10.0-122		04/24/2025 15:24	WG2498517
(S) 2-Fluorobiphenyl	61.3			15.0-120		04/24/2025 15:24	WG2498517
(S) 2,4,6-Tribromophenol	57.2			10.0-127		04/24/2025 15:24	WG2498517
(S) p-Terphenyl-d14	68.9			10.0-120		04/24/2025 15:24	WG2498517

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	232000		732	24200	1	04/28/2025 16:38	<a href="#">WG2498506</a>

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	82.8		1	04/23/2025 16:30	<a href="#">WG2498369</a>

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		8690	12100	1	04/24/2025 16:06	<a href="#">WG2498519</a>

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	232000		18400	24200	1	04/28/2025 16:38	<a href="#">WG2501019</a>

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	U		732	24200	1	04/24/2025 01:03	<a href="#">WG2498506</a>

Wet Chemistry by Method WALKLEY-BLACK

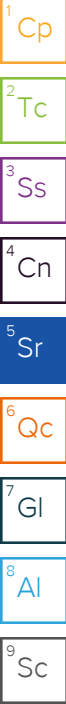
Analyte	Result ug/kg	Qualifier	MDL ug/kg	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	1560000		51000	200000	2	04/24/2025 17:46	<a href="#">WG2498523</a>

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	3440000		7350	24200	1	04/24/2025 12:15	<a href="#">WG2498528</a>
Antimony	U		835	2420	1	04/24/2025 12:15	<a href="#">WG2498528</a>
Beryllium	374		57.6	242	1	04/24/2025 12:15	<a href="#">WG2498528</a>
Calcium	27200000		23000	121000	1	04/24/2025 12:15	<a href="#">WG2498528</a>
Cobalt	2670		214	1210	1	04/24/2025 12:15	<a href="#">WG2498528</a>
Iron	5850000		2710	12100	1	04/24/2025 12:15	<a href="#">WG2498528</a>
Magnesium	3600000		24000	121000	1	04/24/2025 12:15	<a href="#">WG2498528</a>
Manganese	98900		209	1210	1	04/24/2025 12:15	<a href="#">WG2498528</a>
Potassium	941000		25300	121000	1	04/24/2025 12:15	<a href="#">WG2498528</a>
Sodium	190000		49800	121000	1	04/24/2025 12:15	<a href="#">WG2498528</a>
Thallium	U		626	2420	1	04/24/2025 12:15	<a href="#">WG2498528</a>
Vanadium	10800		463	2420	1	04/24/2025 12:15	<a href="#">WG2498528</a>

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	<a href="#">C3</a>	51.7	70.9	1	04/24/2025 02:09	<a href="#">WG2498480</a>
Acrylonitrile	U		5.12	17.7	1	04/24/2025 02:09	<a href="#">WG2498480</a>
Bromobenzene	U		1.28	17.7	1	04/24/2025 02:09	<a href="#">WG2498480</a>
Bromodichloromethane	U		1.03	3.54	1	04/24/2025 02:09	<a href="#">WG2498480</a>
Bromoform	U	<a href="#">C3</a>	1.66	35.4	1	04/24/2025 02:09	<a href="#">WG2498480</a>
Bromomethane	U		2.79	17.7	1	04/24/2025 02:09	<a href="#">WG2498480</a>



## 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		7.44	17.7	1	04/24/2025 02:09	WG2498480
sec-Butylbenzene	U		4.08	17.7	1	04/24/2025 02:09	WG2498480
tert-Butylbenzene	U		2.76	7.09	1	04/24/2025 02:09	WG2498480
Carbon tetrachloride	U		1.27	7.09	1	04/24/2025 02:09	WG2498480
Chlorobenzene	U		0.298	3.54	1	04/24/2025 02:09	WG2498480
Chlorodibromomethane	U		0.868	3.54	1	04/24/2025 02:09	WG2498480
Chloroethane	U		2.41	7.09	1	04/24/2025 02:09	WG2498480
Chloroform	U		1.46	3.54	1	04/24/2025 02:09	WG2498480
Chloromethane	U		6.17	17.7	1	04/24/2025 02:09	WG2498480
2-Chlorotoluene	U		1.23	3.54	1	04/24/2025 02:09	WG2498480
4-Chlorotoluene	U		0.638	7.09	1	04/24/2025 02:09	WG2498480
1,2-Dibromo-3-Chloropropane	U	C3	5.53	35.4	1	04/24/2025 02:09	WG2498480
1,2-Dibromoethane	U		0.919	3.54	1	04/24/2025 02:09	WG2498480
Dibromomethane	U		1.06	7.09	1	04/24/2025 02:09	WG2498480
1,2-Dichlorobenzene	U		0.602	7.09	1	04/24/2025 02:09	WG2498480
1,3-Dichlorobenzene	U		0.851	7.09	1	04/24/2025 02:09	WG2498480
1,4-Dichlorobenzene	U		0.992	7.09	1	04/24/2025 02:09	WG2498480
Dichlorodifluoromethane	U		2.28	7.09	1	04/24/2025 02:09	WG2498480
1,1-Dichloroethane	U		0.696	3.54	1	04/24/2025 02:09	WG2498480
1,2-Dichloroethane	U		0.920	3.54	1	04/24/2025 02:09	WG2498480
1,1-Dichloroethene	U		0.859	3.54	1	04/24/2025 02:09	WG2498480
cis-1,2-Dichloroethene	U		1.04	3.54	1	04/24/2025 02:09	WG2498480
trans-1,2-Dichloroethene	U		1.47	7.09	1	04/24/2025 02:09	WG2498480
1,2-Dichloropropane	U		2.01	7.09	1	04/24/2025 02:09	WG2498480
1,1-Dichloropropene	U		1.15	3.54	1	04/24/2025 02:09	WG2498480
1,3-Dichloropropane	U		0.710	7.09	1	04/24/2025 02:09	WG2498480
cis-1,3-Dichloropropene	U		1.07	3.54	1	04/24/2025 02:09	WG2498480
trans-1,3-Dichloropropene	U		1.62	7.09	1	04/24/2025 02:09	WG2498480
2,2-Dichloropropane	U	J3 J4	1.96	3.54	1	04/24/2025 02:09	WG2498480
Di-isopropyl ether	U		0.581	1.42	1	04/24/2025 02:09	WG2498480
Hexachloro-1,3-butadiene	U	C3	8.51	35.4	1	04/24/2025 02:09	WG2498480
Isopropylbenzene	U		0.602	3.54	1	04/24/2025 02:09	WG2498480
p-Isopropyltoluene	U		3.61	7.09	1	04/24/2025 02:09	WG2498480
2-Butanone (MEK)	U		90.0	142	1	04/24/2025 02:09	WG2498480
Methylene Chloride	U		9.41	35.4	1	04/24/2025 02:09	WG2498480
4-Methyl-2-pentanone (MIBK)	U		3.23	35.4	1	04/24/2025 02:09	WG2498480
Methyl tert-butyl ether	U		0.496	1.42	1	04/24/2025 02:09	WG2498480
n-Propylbenzene	U		1.35	7.09	1	04/24/2025 02:09	WG2498480
Styrene	U		0.325	17.7	1	04/24/2025 02:09	WG2498480
1,1,1,2-Tetrachloroethane	U		1.34	3.54	1	04/24/2025 02:09	WG2498480
1,1,2,2-Tetrachloroethane	U		0.985	3.54	1	04/24/2025 02:09	WG2498480
1,1,2-Trichlorotrifluoroethane	U		1.07	3.54	1	04/24/2025 02:09	WG2498480
Tetrachloroethene	U		1.27	3.54	1	04/24/2025 02:09	WG2498480
1,2,3-Trichlorobenzene	U	C3 J4	10.4	17.7	1	04/24/2025 02:09	WG2498480
1,2,4-Trichlorobenzene	U	C3	6.24	17.7	1	04/24/2025 02:09	WG2498480
1,1,1-Trichloroethane	U		1.31	3.54	1	04/24/2025 02:09	WG2498480
1,1,2-Trichloroethane	U		0.846	3.54	1	04/24/2025 02:09	WG2498480
Trichloroethene	U		0.828	1.42	1	04/24/2025 02:09	WG2498480
Trichlorofluoromethane	U		1.17	3.54	1	04/24/2025 02:09	WG2498480
1,2,3-Trichloropropane	U		2.30	17.7	1	04/24/2025 02:09	WG2498480
1,2,3-Trimethylbenzene	U		2.24	7.09	1	04/24/2025 02:09	WG2498480
Vinyl chloride	U		1.64	3.54	1	04/24/2025 02:09	WG2498480
(S) Toluene-d8	105			75.0-131		04/24/2025 02:09	WG2498480
(S) 4-Bromofluorobenzene	98.4			67.0-138		04/24/2025 02:09	WG2498480
(S) 1,2-Dichloroethane-d4	84.7			70.0-130		04/24/2025 02:09	WG2498480

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		5.67	40.2	1	04/24/2025 16:52	WG2498517
Benzidine	U		75.6	2020	1	04/24/2025 16:52	WG2498517
Benzo(g,h,i)perylene	U		7.36	40.2	1	04/24/2025 16:52	WG2498517
Bis(2-chloroethoxy)methane	U		12.1	402	1	04/24/2025 16:52	WG2498517
Bis(2-chloroethyl)ether	U		13.3	402	1	04/24/2025 16:52	WG2498517
2,2-Oxybis(1-Chloropropane)	U		17.4	402	1	04/24/2025 16:52	WG2498517
4-Bromophenyl-phenylether	U		14.1	402	1	04/24/2025 16:52	WG2498517
2-Chloronaphthalene	U		7.07	40.2	1	04/24/2025 16:52	WG2498517
4-Chlorophenyl-phenylether	U		14.0	402	1	04/24/2025 16:52	WG2498517
1,2-Dichlorobenzene	U		11.9	402	1	04/24/2025 16:52	WG2498517
1,3-Dichlorobenzene	U		12.2	402	1	04/24/2025 16:52	WG2498517
1,4-Dichlorobenzene	U		12.0	402	1	04/24/2025 16:52	WG2498517
3,3-Dichlorobenzidine	U		14.9	402	1	04/24/2025 16:52	WG2498517
2,4-Dinitrotoluene	U		11.5	402	1	04/24/2025 16:52	WG2498517
2,6-Dinitrotoluene	U		13.2	402	1	04/24/2025 16:52	WG2498517
Hexachlorobenzene	U		14.3	402	1	04/24/2025 16:52	WG2498517
Hexachloro-1,3-butadiene	U		13.5	402	1	04/24/2025 16:52	WG2498517
Hexachlorocyclopentadiene	U	C7	21.1	402	1	04/24/2025 16:52	WG2498517
Hexachloroethane	U		15.8	402	1	04/24/2025 16:52	WG2498517
Isophorone	U		12.3	402	1	04/24/2025 16:52	WG2498517
Nitrobenzene	U		14.0	402	1	04/24/2025 16:52	WG2498517
n-Nitrosodimethylamine	U		59.7	402	1	04/24/2025 16:52	WG2498517
n-Nitrosodiphenylamine	U		30.5	402	1	04/24/2025 16:52	WG2498517
n-Nitrosodi-n-propylamine	U		13.4	402	1	04/24/2025 16:52	WG2498517
Phenanthrene	U		7.99	40.2	1	04/24/2025 16:52	WG2498517
Benzylbutyl phthalate	U		12.6	402	1	04/24/2025 16:52	WG2498517
Bis(2-ethylhexyl)phthalate	U		51.0	402	1	04/24/2025 16:52	WG2498517
Di-n-butyl phthalate	U		13.8	402	1	04/24/2025 16:52	WG2498517
Diethyl phthalate	U		13.3	402	1	04/24/2025 16:52	WG2498517
Dimethyl phthalate	U		85.3	402	1	04/24/2025 16:52	WG2498517
Di-n-octyl phthalate	U		27.2	402	1	04/24/2025 16:52	WG2498517
1,2,4-Trichlorobenzene	U		12.6	402	1	04/24/2025 16:52	WG2498517
4-Chloro-3-methylphenol	U		13.1	402	1	04/24/2025 16:52	WG2498517
2-Chlorophenol	U		13.3	402	1	04/24/2025 16:52	WG2498517
2,4-Dichlorophenol	U		11.7	402	1	04/24/2025 16:52	WG2498517
2,4-Dimethylphenol	U		10.5	402	1	04/24/2025 16:52	WG2498517
4,6-Dinitro-2-methylphenol	U		91.2	402	1	04/24/2025 16:52	WG2498517
2,4-Dinitrophenol	U		94.1	402	1	04/24/2025 16:52	WG2498517
2-Nitrophenol	U		14.4	402	1	04/24/2025 16:52	WG2498517
4-Nitrophenol	U		12.6	402	1	04/24/2025 16:52	WG2498517
Pentachlorophenol	U	C3	10.8	402	1	04/24/2025 16:52	WG2498517
Phenol	U		16.2	402	1	04/24/2025 16:52	WG2498517
2,4,6-Trichlorophenol	U		12.9	402	1	04/24/2025 16:52	WG2498517
(S) 2-Fluorophenol	73.9			12.0-120		04/24/2025 16:52	WG2498517
(S) Phenol-d5	71.3			10.0-120		04/24/2025 16:52	WG2498517
(S) Nitrobenzene-d5	68.8			10.0-122		04/24/2025 16:52	WG2498517
(S) 2-Fluorobiphenyl	68.2			15.0-120		04/24/2025 16:52	WG2498517
(S) 2,4,6-Tribromophenol	67.0			10.0-127		04/24/2025 16:52	WG2498517
(S) p-Terphenyl-d14	80.5			10.0-120		04/24/2025 16:52	WG2498517

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	40600		703	22500	1	04/28/2025 16:39	<a href="#">WG2498506</a>

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	88.8		1	04/23/2025 16:30	<a href="#">WG2498369</a>

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		8100	11300	1	04/24/2025 16:07	<a href="#">WG2498519</a>

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	40600		17100	22500	1	04/28/2025 16:39	<a href="#">WG2501019</a>

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	U		703	23200	1.03	04/24/2025 01:16	<a href="#">WG2498506</a>

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	131000		25500	100000	1	04/24/2025 17:46	<a href="#">WG2498523</a>

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	370000		6850	22500	1	04/24/2025 12:16	<a href="#">WG2498528</a>
Antimony	U		778	2250	1	04/24/2025 12:16	<a href="#">WG2498528</a>
Beryllium	107	J	53.7	225	1	04/24/2025 12:16	<a href="#">WG2498528</a>
Calcium	1380000		21400	113000	1	04/24/2025 12:16	<a href="#">WG2498528</a>
Cobalt	761	J	199	1130	1	04/24/2025 12:16	<a href="#">WG2498528</a>
Iron	4620000		2520	11300	1	04/24/2025 12:16	<a href="#">WG2498528</a>
Magnesium	267000		22400	113000	1	04/24/2025 12:16	<a href="#">WG2498528</a>
Manganese	75000		195	1130	1	04/24/2025 12:16	<a href="#">WG2498528</a>
Potassium	98100	J	23500	113000	1	04/24/2025 12:16	<a href="#">WG2498528</a>
Sodium	68400	J	46400	113000	1	04/24/2025 12:16	<a href="#">WG2498528</a>
Thallium	U		584	2250	1	04/24/2025 12:16	<a href="#">WG2498528</a>
Vanadium	4250		431	2250	1	04/24/2025 12:16	<a href="#">WG2498528</a>

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	C3	45.7	62.7	1	04/24/2025 02:29	<a href="#">WG2498480</a>
Acrylonitrile	U		4.52	15.7	1	04/24/2025 02:29	<a href="#">WG2498480</a>
Bromobenzene	U		1.13	15.7	1	04/24/2025 02:29	<a href="#">WG2498480</a>
Bromodichloromethane	U		0.909	3.13	1	04/24/2025 02:29	<a href="#">WG2498480</a>
Bromoform	U	C3	1.47	31.3	1	04/24/2025 02:29	<a href="#">WG2498480</a>
Bromomethane	U		2.47	15.7	1	04/24/2025 02:29	<a href="#">WG2498480</a>

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		6.58	15.7	1	04/24/2025 02:29	WG2498480
sec-Butylbenzene	U		3.61	15.7	1	04/24/2025 02:29	WG2498480
tert-Butylbenzene	U		2.44	6.27	1	04/24/2025 02:29	WG2498480
Carbon tetrachloride	U		1.13	6.27	1	04/24/2025 02:29	WG2498480
Chlorobenzene	U		0.263	3.13	1	04/24/2025 02:29	WG2498480
Chlorodibromomethane	U		0.767	3.13	1	04/24/2025 02:29	WG2498480
Chloroethane	U		2.13	6.27	1	04/24/2025 02:29	WG2498480
Chloroform	U		1.29	3.13	1	04/24/2025 02:29	WG2498480
Chloromethane	U		5.45	15.7	1	04/24/2025 02:29	WG2498480
2-Chlorotoluene	U		1.08	3.13	1	04/24/2025 02:29	WG2498480
4-Chlorotoluene	U		0.564	6.27	1	04/24/2025 02:29	WG2498480
1,2-Dibromo-3-Chloropropane	U	C3	4.89	31.3	1	04/24/2025 02:29	WG2498480
1,2-Dibromoethane	U		0.812	3.13	1	04/24/2025 02:29	WG2498480
Dibromomethane	U		0.940	6.27	1	04/24/2025 02:29	WG2498480
1,2-Dichlorobenzene	U		0.533	6.27	1	04/24/2025 02:29	WG2498480
1,3-Dichlorobenzene	U		0.752	6.27	1	04/24/2025 02:29	WG2498480
1,4-Dichlorobenzene	U		0.877	6.27	1	04/24/2025 02:29	WG2498480
Dichlorodifluoromethane	U		2.02	6.27	1	04/24/2025 02:29	WG2498480
1,1-Dichloroethane	U		0.615	3.13	1	04/24/2025 02:29	WG2498480
1,2-Dichloroethane	U		0.813	3.13	1	04/24/2025 02:29	WG2498480
1,1-Dichloroethene	U		0.759	3.13	1	04/24/2025 02:29	WG2498480
cis-1,2-Dichloroethene	U		0.920	3.13	1	04/24/2025 02:29	WG2498480
trans-1,2-Dichloroethene	U		1.30	6.27	1	04/24/2025 02:29	WG2498480
1,2-Dichloropropane	U		1.78	6.27	1	04/24/2025 02:29	WG2498480
1,1-Dichloropropene	U		1.01	3.13	1	04/24/2025 02:29	WG2498480
1,3-Dichloropropane	U		0.628	6.27	1	04/24/2025 02:29	WG2498480
cis-1,3-Dichloropropene	U		0.949	3.13	1	04/24/2025 02:29	WG2498480
trans-1,3-Dichloropropene	U		1.43	6.27	1	04/24/2025 02:29	WG2498480
2,2-Dichloropropane	U	J3 J4	1.73	3.13	1	04/24/2025 02:29	WG2498480
Di-isopropyl ether	U		0.514	1.25	1	04/24/2025 02:29	WG2498480
Hexachloro-1,3-butadiene	U	C3	7.52	31.3	1	04/24/2025 02:29	WG2498480
Isopropylbenzene	U		0.533	3.13	1	04/24/2025 02:29	WG2498480
p-Isopropyltoluene	U		3.20	6.27	1	04/24/2025 02:29	WG2498480
2-Butanone (MEK)	U		79.6	125	1	04/24/2025 02:29	WG2498480
Methylene Chloride	U		8.32	31.3	1	04/24/2025 02:29	WG2498480
4-Methyl-2-pentanone (MIBK)	U		2.86	31.3	1	04/24/2025 02:29	WG2498480
Methyl tert-butyl ether	U		0.439	1.25	1	04/24/2025 02:29	WG2498480
n-Propylbenzene	U		1.19	6.27	1	04/24/2025 02:29	WG2498480
Styrene	U		0.287	15.7	1	04/24/2025 02:29	WG2498480
1,1,1,2-Tetrachloroethane	U		1.19	3.13	1	04/24/2025 02:29	WG2498480
1,1,2,2-Tetrachloroethane	U		0.871	3.13	1	04/24/2025 02:29	WG2498480
1,1,2-Trichlorotrifluoroethane	U		0.945	3.13	1	04/24/2025 02:29	WG2498480
Tetrachloroethene	U		1.12	3.13	1	04/24/2025 02:29	WG2498480
1,2,3-Trichlorobenzene	U	C3 J4	9.19	15.7	1	04/24/2025 02:29	WG2498480
1,2,4-Trichlorobenzene	U	C3	5.51	15.7	1	04/24/2025 02:29	WG2498480
1,1,1-Trichloroethane	U		1.16	3.13	1	04/24/2025 02:29	WG2498480
1,1,2-Trichloroethane	U		0.748	3.13	1	04/24/2025 02:29	WG2498480
Trichloroethene	U		0.732	1.25	1	04/24/2025 02:29	WG2498480
Trichlorofluoromethane	U		1.04	3.13	1	04/24/2025 02:29	WG2498480
1,2,3-Trichloropropane	U		2.03	15.7	1	04/24/2025 02:29	WG2498480
1,2,3-Trimethylbenzene	U		1.98	6.27	1	04/24/2025 02:29	WG2498480
Vinyl chloride	U		1.45	3.13	1	04/24/2025 02:29	WG2498480
(S) Toluene-d8	103			75.0-131		04/24/2025 02:29	WG2498480
(S) 4-Bromofluorobenzene	100			67.0-138		04/24/2025 02:29	WG2498480
(S) 1,2-Dichloroethane-d4	85.0			70.0-130		04/24/2025 02:29	WG2498480

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		5.28	37.5	1	04/24/2025 17:15	WG2498517
Benzidine	U		70.5	1880	1	04/24/2025 17:15	WG2498517
Benzo(g,h,i)perylene	U		6.86	37.5	1	04/24/2025 17:15	WG2498517
Bis(2-chloroethoxy)methane	U		11.3	375	1	04/24/2025 17:15	WG2498517
Bis(2-chloroethyl)ether	U		12.4	375	1	04/24/2025 17:15	WG2498517
2,2-Oxybis(1-Chloropropane)	U		16.2	375	1	04/24/2025 17:15	WG2498517
4-Bromophenyl-phenylether	U		13.2	375	1	04/24/2025 17:15	WG2498517
2-Chloronaphthalene	U		6.59	37.5	1	04/24/2025 17:15	WG2498517
4-Chlorophenyl-phenylether	U		13.1	375	1	04/24/2025 17:15	WG2498517
1,2-Dichlorobenzene	U		11.1	375	1	04/24/2025 17:15	WG2498517
1,3-Dichlorobenzene	U		11.4	375	1	04/24/2025 17:15	WG2498517
1,4-Dichlorobenzene	U		11.2	375	1	04/24/2025 17:15	WG2498517
3,3-Dichlorobenzidine	U		13.9	375	1	04/24/2025 17:15	WG2498517
2,4-Dinitrotoluene	U		10.8	375	1	04/24/2025 17:15	WG2498517
2,6-Dinitrotoluene	U		12.3	375	1	04/24/2025 17:15	WG2498517
Hexachlorobenzene	U		13.3	375	1	04/24/2025 17:15	WG2498517
Hexachloro-1,3-butadiene	U		12.6	375	1	04/24/2025 17:15	WG2498517
Hexachlorocyclopentadiene	U	C7	19.7	375	1	04/24/2025 17:15	WG2498517
Hexachloroethane	U		14.8	375	1	04/24/2025 17:15	WG2498517
Isophorone	U		11.5	375	1	04/24/2025 17:15	WG2498517
Nitrobenzene	U		13.1	375	1	04/24/2025 17:15	WG2498517
n-Nitrosodimethylamine	U		55.6	375	1	04/24/2025 17:15	WG2498517
n-Nitrosodiphenylamine	U		28.4	375	1	04/24/2025 17:15	WG2498517
n-Nitrosodi-n-propylamine	U		12.5	375	1	04/24/2025 17:15	WG2498517
Phenanthrene	U		7.45	37.5	1	04/24/2025 17:15	WG2498517
Benzylbutyl phthalate	U		11.7	375	1	04/24/2025 17:15	WG2498517
Bis(2-ethylhexyl)phthalate	U		47.5	375	1	04/24/2025 17:15	WG2498517
Di-n-butyl phthalate	U		12.8	375	1	04/24/2025 17:15	WG2498517
Diethyl phthalate	U		12.4	375	1	04/24/2025 17:15	WG2498517
Dimethyl phthalate	U		79.5	375	1	04/24/2025 17:15	WG2498517
Di-n-octyl phthalate	U		25.3	375	1	04/24/2025 17:15	WG2498517
1,2,4-Trichlorobenzene	U		11.7	375	1	04/24/2025 17:15	WG2498517
4-Chloro-3-methylphenol	U		12.2	375	1	04/24/2025 17:15	WG2498517
2-Chlorophenol	U		12.4	375	1	04/24/2025 17:15	WG2498517
2,4-Dichlorophenol	U		10.9	375	1	04/24/2025 17:15	WG2498517
2,4-Dimethylphenol	U		9.80	375	1	04/24/2025 17:15	WG2498517
4,6-Dinitro-2-methylphenol	U		85.1	375	1	04/24/2025 17:15	WG2498517
2,4-Dinitrophenol	U		87.8	375	1	04/24/2025 17:15	WG2498517
2-Nitrophenol	U		13.4	375	1	04/24/2025 17:15	WG2498517
4-Nitrophenol	U		11.7	375	1	04/24/2025 17:15	WG2498517
Pentachlorophenol	U	C3	10.1	375	1	04/24/2025 17:15	WG2498517
Phenol	U		15.1	375	1	04/24/2025 17:15	WG2498517
2,4,6-Trichlorophenol	U		12.1	375	1	04/24/2025 17:15	WG2498517
(S) 2-Fluorophenol	70.6			12.0-120		04/24/2025 17:15	WG2498517
(S) Phenol-d5	68.8			10.0-120		04/24/2025 17:15	WG2498517
(S) Nitrobenzene-d5	62.9			10.0-122		04/24/2025 17:15	WG2498517
(S) 2-Fluorobiphenyl	61.3			15.0-120		04/24/2025 17:15	WG2498517
(S) 2,4,6-Tribromophenol	56.5			10.0-127		04/24/2025 17:15	WG2498517
(S) p-Terphenyl-d14	77.0			10.0-120		04/24/2025 17:15	WG2498517

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	672000		754	24900	1	04/28/2025 16:40	<a href="#">WG2498506</a>

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	80.4		1	04/23/2025 16:30	<a href="#">WG2498369</a>

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	28900	<a href="#">P1</a>	8950	12400	1	04/24/2025 16:08	<a href="#">WG2498519</a>

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	669000		18900	24900	1	04/28/2025 16:40	<a href="#">WG2501019</a>

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	3070	<a href="#">J</a>	754	24900	1	04/24/2025 01:30	<a href="#">WG2498506</a>

Wet Chemistry by Method WALKLEY-BLACK

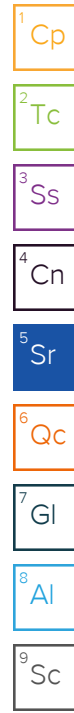
Analyte	Result ug/kg	Qualifier	MDL ug/kg	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	8950000		128000	500000	5	04/24/2025 17:46	<a href="#">WG2498523</a>

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	4150000		7570	24900	1	04/24/2025 12:21	<a href="#">WG2498528</a>
Antimony	U		860	2490	1	04/24/2025 12:21	<a href="#">WG2498528</a>
Beryllium	415		59.4	249	1	04/24/2025 12:21	<a href="#">WG2498528</a>
Calcium	4930000		23600	124000	1	04/24/2025 12:21	<a href="#">WG2498528</a>
Cobalt	2750		220	1240	1	04/24/2025 12:21	<a href="#">WG2498528</a>
Iron	9860000		2790	12400	1	04/24/2025 12:21	<a href="#">WG2498528</a>
Magnesium	2050000		24800	124000	1	04/24/2025 12:21	<a href="#">WG2498528</a>
Manganese	214000		215	1240	1	04/24/2025 12:21	<a href="#">WG2498528</a>
Potassium	1330000		26000	124000	1	04/24/2025 12:21	<a href="#">WG2498528</a>
Sodium	672000		51300	124000	1	04/24/2025 12:21	<a href="#">WG2498528</a>
Thallium	U		645	2490	1	04/24/2025 12:21	<a href="#">WG2498528</a>
Vanadium	15100		477	2490	1	04/24/2025 12:21	<a href="#">WG2498528</a>

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	<a href="#">C3</a>	54.4	74.5	1	04/24/2025 02:48	<a href="#">WG2498480</a>
Acrylonitrile	U		5.38	18.6	1	04/24/2025 02:48	<a href="#">WG2498480</a>
Bromobenzene	U		1.34	18.6	1	04/24/2025 02:48	<a href="#">WG2498480</a>
Bromodichloromethane	U		1.08	3.72	1	04/24/2025 02:48	<a href="#">WG2498480</a>
Bromoform	U	<a href="#">C3</a>	1.74	37.2	1	04/24/2025 02:48	<a href="#">WG2498480</a>
Bromomethane	U		2.93	18.6	1	04/24/2025 02:48	<a href="#">WG2498480</a>



## 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		7.82	18.6	1	04/24/2025 02:48	WG2498480
sec-Butylbenzene	U		4.29	18.6	1	04/24/2025 02:48	WG2498480
tert-Butylbenzene	U		2.91	7.45	1	04/24/2025 02:48	WG2498480
Carbon tetrachloride	U		1.34	7.45	1	04/24/2025 02:48	WG2498480
Chlorobenzene	U		0.313	3.72	1	04/24/2025 02:48	WG2498480
Chlorodibromomethane	U		0.912	3.72	1	04/24/2025 02:48	WG2498480
Chloroethane	U		2.53	7.45	1	04/24/2025 02:48	WG2498480
Chloroform	U		1.53	3.72	1	04/24/2025 02:48	WG2498480
Chloromethane	U		6.48	18.6	1	04/24/2025 02:48	WG2498480
2-Chlorotoluene	U		1.29	3.72	1	04/24/2025 02:48	WG2498480
4-Chlorotoluene	U		0.670	7.45	1	04/24/2025 02:48	WG2498480
1,2-Dibromo-3-Chloropropane	U	C3	5.81	37.2	1	04/24/2025 02:48	WG2498480
1,2-Dibromoethane	U		0.965	3.72	1	04/24/2025 02:48	WG2498480
Dibromomethane	U		1.12	7.45	1	04/24/2025 02:48	WG2498480
1,2-Dichlorobenzene	U		0.633	7.45	1	04/24/2025 02:48	WG2498480
1,3-Dichlorobenzene	U		0.894	7.45	1	04/24/2025 02:48	WG2498480
1,4-Dichlorobenzene	U		1.04	7.45	1	04/24/2025 02:48	WG2498480
Dichlorodifluoromethane	U		2.40	7.45	1	04/24/2025 02:48	WG2498480
1,1-Dichloroethane	U		0.731	3.72	1	04/24/2025 02:48	WG2498480
1,2-Dichloroethane	U		0.967	3.72	1	04/24/2025 02:48	WG2498480
1,1-Dichloroethene	U		0.903	3.72	1	04/24/2025 02:48	WG2498480
cis-1,2-Dichloroethene	U		1.09	3.72	1	04/24/2025 02:48	WG2498480
trans-1,2-Dichloroethene	U		1.55	7.45	1	04/24/2025 02:48	WG2498480
1,2-Dichloropropane	U		2.12	7.45	1	04/24/2025 02:48	WG2498480
1,1-Dichloropropene	U		1.21	3.72	1	04/24/2025 02:48	WG2498480
1,3-Dichloropropane	U		0.746	7.45	1	04/24/2025 02:48	WG2498480
cis-1,3-Dichloropropene	U		1.13	3.72	1	04/24/2025 02:48	WG2498480
trans-1,3-Dichloropropene	U		1.70	7.45	1	04/24/2025 02:48	WG2498480
2,2-Dichloropropane	U	J3 J4	2.06	3.72	1	04/24/2025 02:48	WG2498480
Di-isopropyl ether	U		0.611	1.49	1	04/24/2025 02:48	WG2498480
Hexachloro-1,3-butadiene	U	C3	8.94	37.2	1	04/24/2025 02:48	WG2498480
Isopropylbenzene	U		0.633	3.72	1	04/24/2025 02:48	WG2498480
p-Isopropyltoluene	U		3.80	7.45	1	04/24/2025 02:48	WG2498480
2-Butanone (MEK)	U		94.6	149	1	04/24/2025 02:48	WG2498480
Methylene Chloride	U		9.89	37.2	1	04/24/2025 02:48	WG2498480
4-Methyl-2-pentanone (MIBK)	U		3.40	37.2	1	04/24/2025 02:48	WG2498480
Methyl tert-butyl ether	U		0.521	1.49	1	04/24/2025 02:48	WG2498480
n-Propylbenzene	U		1.42	7.45	1	04/24/2025 02:48	WG2498480
Styrene	U		0.341	18.6	1	04/24/2025 02:48	WG2498480
1,1,1,2-Tetrachloroethane	U		1.41	3.72	1	04/24/2025 02:48	WG2498480
1,1,2,2-Tetrachloroethane	U		1.04	3.72	1	04/24/2025 02:48	WG2498480
1,1,2-Trichlorotrifluoroethane	U		1.12	3.72	1	04/24/2025 02:48	WG2498480
Tetrachloroethene	U		1.33	3.72	1	04/24/2025 02:48	WG2498480
1,2,3-Trichlorobenzene	U	C3 J4	10.9	18.6	1	04/24/2025 02:48	WG2498480
1,2,4-Trichlorobenzene	U	C3	6.55	18.6	1	04/24/2025 02:48	WG2498480
1,1,1-Trichloroethane	U		1.38	3.72	1	04/24/2025 02:48	WG2498480
1,1,2-Trichloroethane	U		0.889	3.72	1	04/24/2025 02:48	WG2498480
Trichloroethene	U		0.870	1.49	1	04/24/2025 02:48	WG2498480
Trichlorofluoromethane	U		1.23	3.72	1	04/24/2025 02:48	WG2498480
1,2,3-Trichloropropane	U		2.41	18.6	1	04/24/2025 02:48	WG2498480
1,2,3-Trimethylbenzene	U		2.35	7.45	1	04/24/2025 02:48	WG2498480
Vinyl chloride	U		1.73	3.72	1	04/24/2025 02:48	WG2498480
(S) Toluene-d8	105			75.0-131		04/24/2025 02:48	WG2498480
(S) 4-Bromofluorobenzene	101			67.0-138		04/24/2025 02:48	WG2498480
(S) 1,2-Dichloroethane-d4	85.4			70.0-130		04/24/2025 02:48	WG2498480

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

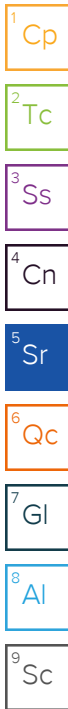
7 Gl

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		11.7	82.9	2	04/24/2025 17:59	WG2498517
Benzidine	U		156	4160	2	04/24/2025 17:59	WG2498517
Benzo(g,h,i)perylene	U		15.2	82.9	2	04/24/2025 17:59	WG2498517
Bis(2-chloroethoxy)methane	U		24.9	829	2	04/24/2025 17:59	WG2498517
Bis(2-chloroethyl)ether	U		27.4	829	2	04/24/2025 17:59	WG2498517
2,2-Oxybis(1-Chloropropane)	U		35.8	829	2	04/24/2025 17:59	WG2498517
4-Bromophenyl-phenylether	U		29.1	829	2	04/24/2025 17:59	WG2498517
2-Chloronaphthalene	U		14.6	82.9	2	04/24/2025 17:59	WG2498517
4-Chlorophenyl-phenylether	U		28.9	829	2	04/24/2025 17:59	WG2498517
1,2-Dichlorobenzene	U		24.5	829	2	04/24/2025 17:59	WG2498517
1,3-Dichlorobenzene	U		25.1	829	2	04/24/2025 17:59	WG2498517
1,4-Dichlorobenzene	U		24.6	829	2	04/24/2025 17:59	WG2498517
3,3-Dichlorobenzidine	U		30.6	829	2	04/24/2025 17:59	WG2498517
2,4-Dinitrotoluene	U		23.8	829	2	04/24/2025 17:59	WG2498517
2,6-Dinitrotoluene	U		27.1	829	2	04/24/2025 17:59	WG2498517
Hexachlorobenzene	U		29.4	829	2	04/24/2025 17:59	WG2498517
Hexachloro-1,3-butadiene	U		27.9	829	2	04/24/2025 17:59	WG2498517
Hexachlorocyclopentadiene	U	C7	43.6	829	2	04/24/2025 17:59	WG2498517
Hexachloroethane	U		32.6	829	2	04/24/2025 17:59	WG2498517
Isophorone	U		25.4	829	2	04/24/2025 17:59	WG2498517
Nitrobenzene	U		28.9	829	2	04/24/2025 17:59	WG2498517
n-Nitrosodimethylamine	U		123	829	2	04/24/2025 17:59	WG2498517
n-Nitrosodiphenylamine	U		62.7	829	2	04/24/2025 17:59	WG2498517
n-Nitrosodi-n-propylamine	U		27.6	829	2	04/24/2025 17:59	WG2498517
Phenanthrene	U		16.4	82.9	2	04/24/2025 17:59	WG2498517
Benzylbutyl phthalate	U		25.9	829	2	04/24/2025 17:59	WG2498517
Bis(2-ethylhexyl)phthalate	U		105	829	2	04/24/2025 17:59	WG2498517
Di-n-butyl phthalate	U		28.4	829	2	04/24/2025 17:59	WG2498517
Diethyl phthalate	U		27.4	829	2	04/24/2025 17:59	WG2498517
Dimethyl phthalate	U		175	829	2	04/24/2025 17:59	WG2498517
Di-n-octyl phthalate	U		56.0	829	2	04/24/2025 17:59	WG2498517
1,2,4-Trichlorobenzene	U		25.9	829	2	04/24/2025 17:59	WG2498517
4-Chloro-3-methylphenol	U		26.9	829	2	04/24/2025 17:59	WG2498517
2-Chlorophenol	U		27.4	829	2	04/24/2025 17:59	WG2498517
2,4-Dichlorophenol	U		24.1	829	2	04/24/2025 17:59	WG2498517
2,4-Dimethylphenol	U		21.7	829	2	04/24/2025 17:59	WG2498517
4,6-Dinitro-2-methylphenol	U		188	829	2	04/24/2025 17:59	WG2498517
2,4-Dinitrophenol	U		194	829	2	04/24/2025 17:59	WG2498517
2-Nitrophenol	U		29.6	829	2	04/24/2025 17:59	WG2498517
4-Nitrophenol	U		25.9	829	2	04/24/2025 17:59	WG2498517
Pentachlorophenol	U	C3	22.3	829	2	04/24/2025 17:59	WG2498517
Phenol	U		33.3	829	2	04/24/2025 17:59	WG2498517
2,4,6-Trichlorophenol	U		26.6	829	2	04/24/2025 17:59	WG2498517
(S) 2-Fluorophenol	71.9			12.0-120		04/24/2025 17:59	WG2498517
(S) Phenol-d5	70.6			10.0-120		04/24/2025 17:59	WG2498517
(S) Nitrobenzene-d5	64.8			10.0-122		04/24/2025 17:59	WG2498517
(S) 2-Fluorobiphenyl	65.7			15.0-120		04/24/2025 17:59	WG2498517
(S) 2,4,6-Tribromophenol	72.2			10.0-127		04/24/2025 17:59	WG2498517
(S) p-Terphenyl-d14	84.4			10.0-120		04/24/2025 17:59	WG2498517



## Sample Narrative:

L1850899-05 WG2498517: Dilution due to matrix impact during extract concentration procedure.

## Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	229000		833	27500	1	04/28/2025 16:41	<a href="#">WG2498506</a>

## Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	72.7		1	04/23/2025 16:30	<a href="#">WG2498369</a>

## 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		9890	13800	1	04/24/2025 16:13	<a href="#">WG2498519</a>

## 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	229000		20900	27500	1	04/28/2025 16:41	<a href="#">WG2501019</a>

## 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	U		833	27500	1	04/24/2025 01:43	<a href="#">WG2498506</a>

## Wet Chemistry by Method WALKLEY-BLACK

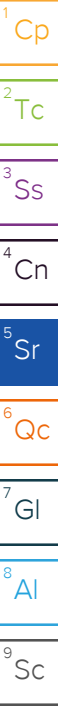
Analyte	Result ug/kg	Qualifier	MDL ug/kg	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	1180000		25500	100000	1	04/24/2025 17:47	<a href="#">WG2498523</a>

## 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	4170000		8360	27500	1	04/24/2025 12:23	<a href="#">WG2498528</a>
Antimony	U		950	2750	1	04/24/2025 12:23	<a href="#">WG2498528</a>
Beryllium	625		65.6	275	1	04/24/2025 12:23	<a href="#">WG2498528</a>
Calcium	3930000		26100	138000	1	04/24/2025 12:23	<a href="#">WG2498528</a>
Cobalt	7200		243	1380	1	04/24/2025 12:23	<a href="#">WG2498528</a>
Iron	11100000		3080	13800	1	04/24/2025 12:23	<a href="#">WG2498528</a>
Magnesium	2670000		27400	138000	1	04/24/2025 12:23	<a href="#">WG2498528</a>
Manganese	237000		238	1380	1	04/24/2025 12:23	<a href="#">WG2498528</a>
Potassium	811000		28700	138000	1	04/24/2025 12:23	<a href="#">WG2498528</a>
Sodium	330000		56700	138000	1	04/24/2025 12:23	<a href="#">WG2498528</a>
Thallium	U		712	2750	1	04/24/2025 12:23	<a href="#">WG2498528</a>
Vanadium	9020		527	2750	1	04/24/2025 12:23	<a href="#">WG2498528</a>

## 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	<a href="#">C3</a>	2560	3510	40	04/24/2025 05:27	<a href="#">WG2498480</a>
Acrylonitrile	U		252	876	40	04/24/2025 05:27	<a href="#">WG2498480</a>
Bromobenzene	U		63.1	876	40	04/24/2025 05:27	<a href="#">WG2498480</a>
Bromodichloromethane	U		50.8	175	40	04/24/2025 05:27	<a href="#">WG2498480</a>
Bromoform	U	<a href="#">C3</a>	82.0	1750	40	04/24/2025 05:27	<a href="#">WG2498480</a>
Bromomethane	U		138	876	40	04/24/2025 05:27	<a href="#">WG2498480</a>



## 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		368	876	40	04/24/2025 05:27	WG2498480
sec-Butylbenzene	U		202	876	40	04/24/2025 05:27	WG2498480
tert-Butylbenzene	U		137	351	40	04/24/2025 05:27	WG2498480
Carbon tetrachloride	U		62.9	351	40	04/24/2025 05:27	WG2498480
Chlorobenzene	U		14.7	175	40	04/24/2025 05:27	WG2498480
Chlorodibromomethane	U		42.9	175	40	04/24/2025 05:27	WG2498480
Chloroethane	U		119	351	40	04/24/2025 05:27	WG2498480
Chloroform	U		72.2	175	40	04/24/2025 05:27	WG2498480
Chloromethane	U		305	876	40	04/24/2025 05:27	WG2498480
2-Chlorotoluene	U		60.6	175	40	04/24/2025 05:27	WG2498480
4-Chlorotoluene	U		31.5	351	40	04/24/2025 05:27	WG2498480
1,2-Dibromo-3-Chloropropane	U	C3	273	1750	40	04/24/2025 05:27	WG2498480
1,2-Dibromoethane	U		45.4	175	40	04/24/2025 05:27	WG2498480
Dibromomethane	U		52.6	351	40	04/24/2025 05:27	WG2498480
1,2-Dichlorobenzene	U		29.8	351	40	04/24/2025 05:27	WG2498480
1,3-Dichlorobenzene	U		42.1	351	40	04/24/2025 05:27	WG2498480
1,4-Dichlorobenzene	U		49.1	351	40	04/24/2025 05:27	WG2498480
Dichlorodifluoromethane	U		113	351	40	04/24/2025 05:27	WG2498480
1,1-Dichloroethane	U		34.4	175	40	04/24/2025 05:27	WG2498480
1,2-Dichloroethane	U		45.6	175	40	04/24/2025 05:27	WG2498480
1,1-Dichloroethene	U		42.4	175	40	04/24/2025 05:27	WG2498480
cis-1,2-Dichloroethene	U		51.5	175	40	04/24/2025 05:27	WG2498480
trans-1,2-Dichloroethene	U		72.9	351	40	04/24/2025 05:27	WG2498480
1,2-Dichloropropane	U		99.6	351	40	04/24/2025 05:27	WG2498480
1,1-Dichloropropene	U		56.8	175	40	04/24/2025 05:27	WG2498480
1,3-Dichloropropane	U		35.1	351	40	04/24/2025 05:27	WG2498480
cis-1,3-Dichloropropene	U		53.1	175	40	04/24/2025 05:27	WG2498480
trans-1,3-Dichloropropene	U		79.9	351	40	04/24/2025 05:27	WG2498480
2,2-Dichloropropane	U	J3 J4	96.7	175	40	04/24/2025 05:27	WG2498480
Di-isopropyl ether	U		28.7	70.1	40	04/24/2025 05:27	WG2498480
Hexachloro-1,3-butadiene	U	C3	421	1750	40	04/24/2025 05:27	WG2498480
Isopropylbenzene	U		29.8	175	40	04/24/2025 05:27	WG2498480
p-Isopropyltoluene	U		179	351	40	04/24/2025 05:27	WG2498480
2-Butanone (MEK)	U		4450	7010	40	04/24/2025 05:27	WG2498480
Methylene Chloride	U		466	1750	40	04/24/2025 05:27	WG2498480
4-Methyl-2-pentanone (MIBK)	U		160	1750	40	04/24/2025 05:27	WG2498480
Methyl tert-butyl ether	U		24.5	70.1	40	04/24/2025 05:27	WG2498480
n-Propylbenzene	U		66.6	351	40	04/24/2025 05:27	WG2498480
Styrene	U		16.1	876	40	04/24/2025 05:27	WG2498480
1,1,1,2-Tetrachloroethane	U		66.4	175	40	04/24/2025 05:27	WG2498480
1,1,2,2-Tetrachloroethane	U		48.7	175	40	04/24/2025 05:27	WG2498480
1,1,2-Trichlorotrifluoroethane	U		52.9	175	40	04/24/2025 05:27	WG2498480
Tetrachloroethene	U		62.7	175	40	04/24/2025 05:27	WG2498480
1,2,3-Trichlorobenzene	U	C3 J4	514	876	40	04/24/2025 05:27	WG2498480
1,2,4-Trichlorobenzene	U	C3	308	876	40	04/24/2025 05:27	WG2498480
1,1,1-Trichloroethane	U		64.7	175	40	04/24/2025 05:27	WG2498480
1,1,2-Trichloroethane	U		41.9	175	40	04/24/2025 05:27	WG2498480
Trichloroethene	U		41.0	70.1	40	04/24/2025 05:27	WG2498480
Trichlorofluoromethane	U		58.0	175	40	04/24/2025 05:27	WG2498480
1,2,3-Trichloropropane	U		114	876	40	04/24/2025 05:27	WG2498480
1,2,3-Trimethylbenzene	U		111	351	40	04/24/2025 05:27	WG2498480
Vinyl chloride	U		81.3	175	40	04/24/2025 05:27	WG2498480
(S) Toluene-d8	99.8			75.0-131		04/24/2025 05:27	WG2498480
(S) 4-Bromofluorobenzene	101			67.0-138		04/24/2025 05:27	WG2498480
(S) 1,2-Dichloroethane-d4	90.2			70.0-130		04/24/2025 05:27	WG2498480

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		6.45	45.8	1	04/24/2025 15:02	WG2498517
Benzidine	U		86.1	2300	1	04/24/2025 15:02	WG2498517
Benzo(g,h,i)perylene	U		8.38	45.8	1	04/24/2025 15:02	WG2498517
Bis(2-chloroethoxy)methane	U		13.8	458	1	04/24/2025 15:02	WG2498517
Bis(2-chloroethyl)ether	U		15.1	458	1	04/24/2025 15:02	WG2498517
2,2-Oxybis(1-Chloropropane)	U		19.8	458	1	04/24/2025 15:02	WG2498517
4-Bromophenyl-phenylether	U		16.1	458	1	04/24/2025 15:02	WG2498517
2-Chloronaphthalene	U		8.05	45.8	1	04/24/2025 15:02	WG2498517
4-Chlorophenyl-phenylether	U		16.0	458	1	04/24/2025 15:02	WG2498517
1,2-Dichlorobenzene	U		13.6	458	1	04/24/2025 15:02	WG2498517
1,3-Dichlorobenzene	U		13.9	458	1	04/24/2025 15:02	WG2498517
1,4-Dichlorobenzene	U		13.6	458	1	04/24/2025 15:02	WG2498517
3,3-Dichlorobenzidine	U		16.9	458	1	04/24/2025 15:02	WG2498517
2,4-Dinitrotoluene	U		13.1	458	1	04/24/2025 15:02	WG2498517
2,6-Dinitrotoluene	U		15.0	458	1	04/24/2025 15:02	WG2498517
Hexachlorobenzene	U		16.2	458	1	04/24/2025 15:02	WG2498517
Hexachloro-1,3-butadiene	U		15.4	458	1	04/24/2025 15:02	WG2498517
Hexachlorocyclopentadiene	U	C7	24.1	458	1	04/24/2025 15:02	WG2498517
Hexachloroethane	U		18.0	458	1	04/24/2025 15:02	WG2498517
Isophorone	U		14.0	458	1	04/24/2025 15:02	WG2498517
Nitrobenzene	U		16.0	458	1	04/24/2025 15:02	WG2498517
n-Nitrosodimethylamine	U		67.9	458	1	04/24/2025 15:02	WG2498517
n-Nitrosodiphenylamine	U		34.7	458	1	04/24/2025 15:02	WG2498517
n-Nitrosodi-n-propylamine	U		15.3	458	1	04/24/2025 15:02	WG2498517
Phenanthrene	79.6		9.09	45.8	1	04/24/2025 15:02	WG2498517
Benzylbutyl phthalate	U		14.3	458	1	04/24/2025 15:02	WG2498517
Bis(2-ethylhexyl)phthalate	U		58.0	458	1	04/24/2025 15:02	WG2498517
Di-n-butyl phthalate	U		15.7	458	1	04/24/2025 15:02	WG2498517
Diethyl phthalate	U		15.1	458	1	04/24/2025 15:02	WG2498517
Dimethyl phthalate	U		97.1	458	1	04/24/2025 15:02	WG2498517
Di-n-octyl phthalate	U		30.9	458	1	04/24/2025 15:02	WG2498517
1,2,4-Trichlorobenzene	U		14.3	458	1	04/24/2025 15:02	WG2498517
4-Chloro-3-methylphenol	U		14.9	458	1	04/24/2025 15:02	WG2498517
2-Chlorophenol	U		15.1	458	1	04/24/2025 15:02	WG2498517
2,4-Dichlorophenol	U		13.3	458	1	04/24/2025 15:02	WG2498517
2,4-Dimethylphenol	19.7	J	12.0	458	1	04/24/2025 15:02	WG2498517
4,6-Dinitro-2-methylphenol	U		104	458	1	04/24/2025 15:02	WG2498517
2,4-Dinitrophenol	U		107	458	1	04/24/2025 15:02	WG2498517
2-Nitrophenol	U		16.4	458	1	04/24/2025 15:02	WG2498517
4-Nitrophenol	U		14.3	458	1	04/24/2025 15:02	WG2498517
Pentachlorophenol	U	C3	12.3	458	1	04/24/2025 15:02	WG2498517
Phenol	U		18.4	458	1	04/24/2025 15:02	WG2498517
2,4,6-Trichlorophenol	U		14.7	458	1	04/24/2025 15:02	WG2498517
(S) 2-Fluorophenol	68.8			12.0-120		04/24/2025 15:02	WG2498517
(S) Phenol-d5	65.5			10.0-120		04/24/2025 15:02	WG2498517
(S) Nitrobenzene-d5	58.3			10.0-122		04/24/2025 15:02	WG2498517
(S) 2-Fluorobiphenyl	58.6			15.0-120		04/24/2025 15:02	WG2498517
(S) 2,4,6-Tribromophenol	49.1			10.0-127		04/24/2025 15:02	WG2498517
(S) p-Terphenyl-d14	61.4			10.0-120		04/24/2025 15:02	WG2498517

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	138000		753	24600	1	04/28/2025 16:45	<a href="#">WG2498506</a>

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	81.3		1	04/23/2025 16:50	<a href="#">WG2498375</a>

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		8850	12300	1	04/24/2025 16:14	<a href="#">WG2498519</a>

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	138000		18700	24600	1	04/28/2025 16:45	<a href="#">WG2501019</a>

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	U		753	24900	1.01	04/24/2025 01:57	<a href="#">WG2498506</a>

Wet Chemistry by Method WALKLEY-BLACK

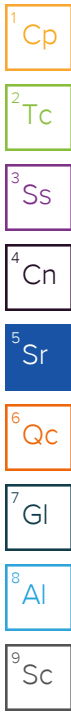
Analyte	Result ug/kg	Qualifier	MDL ug/kg	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	1370000		25500	100000	1	04/24/2025 17:47	<a href="#">WG2498523</a>

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	2760000		7480	24600	1	04/24/2025 12:25	<a href="#">WG2498528</a>
Antimony	U		850	2460	1	04/24/2025 12:25	<a href="#">WG2498528</a>
Beryllium	362		58.7	246	1	04/24/2025 12:25	<a href="#">WG2498528</a>
Calcium	2180000		23400	123000	1	04/24/2025 12:25	<a href="#">WG2498528</a>
Cobalt	2470		218	1230	1	04/24/2025 12:25	<a href="#">WG2498528</a>
Iron	10500000		2760	12300	1	04/24/2025 12:25	<a href="#">WG2498528</a>
Magnesium	1590000		24500	123000	1	04/24/2025 12:25	<a href="#">WG2498528</a>
Manganese	173000		213	1230	1	04/24/2025 12:25	<a href="#">WG2498528</a>
Potassium	702000		25700	123000	1	04/24/2025 12:25	<a href="#">WG2498528</a>
Sodium	121000	J	50700	123000	1	04/24/2025 12:25	<a href="#">WG2498528</a>
Thallium	U		637	2460	1	04/24/2025 12:25	<a href="#">WG2498528</a>
Vanadium	13200		471	2460	1	04/24/2025 12:25	<a href="#">WG2498528</a>

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	C3	53.3	73.1	1	04/24/2025 03:08	<a href="#">WG2498480</a>
Acrylonitrile	U		5.27	18.3	1	04/24/2025 03:08	<a href="#">WG2498480</a>
Bromobenzene	U		1.31	18.3	1	04/24/2025 03:08	<a href="#">WG2498480</a>
Bromodichloromethane	U		1.06	3.65	1	04/24/2025 03:08	<a href="#">WG2498480</a>
Bromoform	U	C3	1.71	36.5	1	04/24/2025 03:08	<a href="#">WG2498480</a>
Bromomethane	U		2.88	18.3	1	04/24/2025 03:08	<a href="#">WG2498480</a>



## 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		7.67	18.3	1	04/24/2025 03:08	WG2498480
sec-Butylbenzene	U		4.21	18.3	1	04/24/2025 03:08	WG2498480
tert-Butylbenzene	U		2.85	7.31	1	04/24/2025 03:08	WG2498480
Carbon tetrachloride	U		1.31	7.31	1	04/24/2025 03:08	WG2498480
Chlorobenzene	U		0.307	3.65	1	04/24/2025 03:08	WG2498480
Chlorodibromomethane	U		0.894	3.65	1	04/24/2025 03:08	WG2498480
Chloroethane	U		2.48	7.31	1	04/24/2025 03:08	WG2498480
Chloroform	U		1.50	3.65	1	04/24/2025 03:08	WG2498480
Chloromethane	U		6.36	18.3	1	04/24/2025 03:08	WG2498480
2-Chlorotoluene	U		1.26	3.65	1	04/24/2025 03:08	WG2498480
4-Chlorotoluene	U		0.657	7.31	1	04/24/2025 03:08	WG2498480
1,2-Dibromo-3-Chloropropane	U	C3	5.70	36.5	1	04/24/2025 03:08	WG2498480
1,2-Dibromoethane	U		0.947	3.65	1	04/24/2025 03:08	WG2498480
Dibromomethane	U		1.10	7.31	1	04/24/2025 03:08	WG2498480
1,2-Dichlorobenzene	U		0.621	7.31	1	04/24/2025 03:08	WG2498480
1,3-Dichlorobenzene	U		0.877	7.31	1	04/24/2025 03:08	WG2498480
1,4-Dichlorobenzene	U		1.02	7.31	1	04/24/2025 03:08	WG2498480
Dichlorodifluoromethane	U		2.35	7.31	1	04/24/2025 03:08	WG2498480
1,1-Dichloroethane	U		0.717	3.65	1	04/24/2025 03:08	WG2498480
1,2-Dichloroethane	U		0.948	3.65	1	04/24/2025 03:08	WG2498480
1,1-Dichloroethene	U		0.885	3.65	1	04/24/2025 03:08	WG2498480
cis-1,2-Dichloroethene	U		1.07	3.65	1	04/24/2025 03:08	WG2498480
trans-1,2-Dichloroethene	U		1.52	7.31	1	04/24/2025 03:08	WG2498480
1,2-Dichloropropane	U		2.07	7.31	1	04/24/2025 03:08	WG2498480
1,1-Dichloropropene	U		1.18	3.65	1	04/24/2025 03:08	WG2498480
1,3-Dichloropropane	U		0.732	7.31	1	04/24/2025 03:08	WG2498480
cis-1,3-Dichloropropene	U		1.11	3.65	1	04/24/2025 03:08	WG2498480
trans-1,3-Dichloropropene	U		1.67	7.31	1	04/24/2025 03:08	WG2498480
2,2-Dichloropropane	U	J3 J4	2.02	3.65	1	04/24/2025 03:08	WG2498480
Di-isopropyl ether	U		0.599	1.46	1	04/24/2025 03:08	WG2498480
Hexachloro-1,3-butadiene	U	C3	8.77	36.5	1	04/24/2025 03:08	WG2498480
Isopropylbenzene	U		0.621	3.65	1	04/24/2025 03:08	WG2498480
p-Isopropyltoluene	U		3.73	7.31	1	04/24/2025 03:08	WG2498480
2-Butanone (MEK)	U		92.8	146	1	04/24/2025 03:08	WG2498480
Methylene Chloride	U		9.70	36.5	1	04/24/2025 03:08	WG2498480
4-Methyl-2-pentanone (MIBK)	U		3.33	36.5	1	04/24/2025 03:08	WG2498480
Methyl tert-butyl ether	U		0.511	1.46	1	04/24/2025 03:08	WG2498480
n-Propylbenzene	U		1.39	7.31	1	04/24/2025 03:08	WG2498480
Styrene	U		0.335	18.3	1	04/24/2025 03:08	WG2498480
1,1,1,2-Tetrachloroethane	U		1.39	3.65	1	04/24/2025 03:08	WG2498480
1,1,2,2-Tetrachloroethane	U		1.02	3.65	1	04/24/2025 03:08	WG2498480
1,1,2-Trichlorotrifluoroethane	U		1.10	3.65	1	04/24/2025 03:08	WG2498480
Tetrachloroethene	U		1.31	3.65	1	04/24/2025 03:08	WG2498480
1,2,3-Trichlorobenzene	U	C3 J4	10.7	18.3	1	04/24/2025 03:08	WG2498480
1,2,4-Trichlorobenzene	U	C3	6.43	18.3	1	04/24/2025 03:08	WG2498480
1,1,1-Trichloroethane	U		1.35	3.65	1	04/24/2025 03:08	WG2498480
1,1,2-Trichloroethane	U		0.872	3.65	1	04/24/2025 03:08	WG2498480
Trichloroethene	U		0.853	1.46	1	04/24/2025 03:08	WG2498480
Trichlorofluoromethane	U		1.21	3.65	1	04/24/2025 03:08	WG2498480
1,2,3-Trichloropropane	U		2.37	18.3	1	04/24/2025 03:08	WG2498480
1,2,3-Trimethylbenzene	U		2.31	7.31	1	04/24/2025 03:08	WG2498480
Vinyl chloride	U		1.69	3.65	1	04/24/2025 03:08	WG2498480
(S) Toluene-d8	103			75.0-131		04/24/2025 03:08	WG2498480
(S) 4-Bromofluorobenzene	99.4			67.0-138		04/24/2025 03:08	WG2498480
(S) 1,2-Dichloroethane-d4	85.3			70.0-130		04/24/2025 03:08	WG2498480

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		5.77	41.0	1	04/24/2025 16:30	WG2498517
Benzidine	U		77.0	2050	1	04/24/2025 16:30	WG2498517
Benzo(g,h,i)perylene	U		7.49	41.0	1	04/24/2025 16:30	WG2498517
Bis(2-chloroethoxy)methane	U		12.3	410	1	04/24/2025 16:30	WG2498517
Bis(2-chloroethyl)ether	U		13.5	410	1	04/24/2025 16:30	WG2498517
2,2-Oxybis(1-Chloropropane)	U		17.7	410	1	04/24/2025 16:30	WG2498517
4-Bromophenyl-phenylether	U		14.4	410	1	04/24/2025 16:30	WG2498517
2-Chloronaphthalene	U		7.20	41.0	1	04/24/2025 16:30	WG2498517
4-Chlorophenyl-phenylether	U		14.3	410	1	04/24/2025 16:30	WG2498517
1,2-Dichlorobenzene	U		12.1	410	1	04/24/2025 16:30	WG2498517
1,3-Dichlorobenzene	U		12.4	410	1	04/24/2025 16:30	WG2498517
1,4-Dichlorobenzene	U		12.2	410	1	04/24/2025 16:30	WG2498517
3,3-Dichlorobenzidine	U		15.1	410	1	04/24/2025 16:30	WG2498517
2,4-Dinitrotoluene	U		11.8	410	1	04/24/2025 16:30	WG2498517
2,6-Dinitrotoluene	U		13.4	410	1	04/24/2025 16:30	WG2498517
Hexachlorobenzene	U		14.5	410	1	04/24/2025 16:30	WG2498517
Hexachloro-1,3-butadiene	U		13.8	410	1	04/24/2025 16:30	WG2498517
Hexachlorocyclopentadiene	U	C7	21.5	410	1	04/24/2025 16:30	WG2498517
Hexachloroethane	U		16.1	410	1	04/24/2025 16:30	WG2498517
Isophorone	U		12.6	410	1	04/24/2025 16:30	WG2498517
Nitrobenzene	U		14.3	410	1	04/24/2025 16:30	WG2498517
n-Nitrosodimethylamine	U		60.8	410	1	04/24/2025 16:30	WG2498517
n-Nitrosodiphenylamine	U		31.0	410	1	04/24/2025 16:30	WG2498517
n-Nitrosodi-n-propylamine	U		13.7	410	1	04/24/2025 16:30	WG2498517
Phenanthrene	U		8.13	41.0	1	04/24/2025 16:30	WG2498517
Benzylbutyl phthalate	U		12.8	410	1	04/24/2025 16:30	WG2498517
Bis(2-ethylhexyl)phthalate	U		51.9	410	1	04/24/2025 16:30	WG2498517
Di-n-butyl phthalate	U		14.0	410	1	04/24/2025 16:30	WG2498517
Diethyl phthalate	U		13.5	410	1	04/24/2025 16:30	WG2498517
Dimethyl phthalate	U		86.9	410	1	04/24/2025 16:30	WG2498517
Di-n-octyl phthalate	U		27.7	410	1	04/24/2025 16:30	WG2498517
1,2,4-Trichlorobenzene	U		12.8	410	1	04/24/2025 16:30	WG2498517
4-Chloro-3-methylphenol	U		13.3	410	1	04/24/2025 16:30	WG2498517
2-Chlorophenol	U		13.5	410	1	04/24/2025 16:30	WG2498517
2,4-Dichlorophenol	U		11.9	410	1	04/24/2025 16:30	WG2498517
2,4-Dimethylphenol	U		10.7	410	1	04/24/2025 16:30	WG2498517
4,6-Dinitro-2-methylphenol	U		92.9	410	1	04/24/2025 16:30	WG2498517
2,4-Dinitrophenol	U		95.9	410	1	04/24/2025 16:30	WG2498517
2-Nitrophenol	U		14.6	410	1	04/24/2025 16:30	WG2498517
4-Nitrophenol	U		12.8	410	1	04/24/2025 16:30	WG2498517
Pentachlorophenol	U	C3	11.0	410	1	04/24/2025 16:30	WG2498517
Phenol	U		16.5	410	1	04/24/2025 16:30	WG2498517
2,4,6-Trichlorophenol	U		13.2	410	1	04/24/2025 16:30	WG2498517
(S) 2-Fluorophenol	78.9			12.0-120		04/24/2025 16:30	WG2498517
(S) Phenol-d5	76.7			10.0-120		04/24/2025 16:30	WG2498517
(S) Nitrobenzene-d5	68.2			10.0-122		04/24/2025 16:30	WG2498517
(S) 2-Fluorobiphenyl	64.5			15.0-120		04/24/2025 16:30	WG2498517
(S) 2,4,6-Tribromophenol	64.7			10.0-127		04/24/2025 16:30	WG2498517
(S) p-Terphenyl-d14	70.4			10.0-120		04/24/2025 16:30	WG2498517

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4204278-1 04/23/25 16:30

Analyte	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
	%		%	%
Total Solids	0.000			

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

L1850899-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1850899-02 04/23/25 16:30 • (DUP) R4204278-3 04/23/25 16:30

Analyte	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
	%	%		%		%
Total Solids	81.5	84.9	1	4.06		10

<sup>4</sup>Cn

<sup>5</sup>Sr

Laboratory Control Sample (LCS)

(LCS) R4204278-2 04/23/25 16:30

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

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Method Blank (MB)

(MB) R4204282-1 04/23/25 16:50

Analyte	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
	%		%	%
Total Solids	0.00100			

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

L1850899-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1850899-07 04/23/25 16:50 • (DUP) R4204282-3 04/23/25 16:50

Analyte	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
	%	%		%		%
Total Solids	81.3	81.9	1	0.790		10

<sup>4</sup>Cn

<sup>5</sup>Sr

Laboratory Control Sample (LCS)

(LCS) R4204282-2 04/23/25 16:50

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

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>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

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

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

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

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>

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>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

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

6 Qc

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

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

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) R4204665-1 04/24/25 12:01

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	U		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

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc

<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc

Laboratory Control Sample (LCS)

(LCS) R4204665-2 04/24/25 12:03

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/kg	ug/kg	%	%	
Aluminum	1000000	1050000	105	80.0-120	
Antimony	100000	105000	105	80.0-120	
Beryllium	100000	102000	102	80.0-120	
Calcium	1000000	1000000	100	80.0-120	
Cobalt	100000	98300	98.3	80.0-120	
Iron	1000000	1010000	101	80.0-120	
Magnesium	1000000	1050000	105	80.0-120	
Manganese	100000	103000	103	80.0-120	
Potassium	1000000	1030000	103	80.0-120	
Sodium	1000000	1040000	104	80.0-120	
Thallium	100000	106000	106	80.0-120	
Vanadium	100000	101000	101	80.0-120	

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

(OS) L1850899-02 04/24/25 12:05 • (MS) R4204665-5 04/24/25 12:10 • (MSD) R4204665-6 04/24/25 12:11

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	1230000	3700000	5280000	5520000	129	148	1	75.0-125	J5	J5	4.35	20
Antimony	123000	U	106000	110000	86.2	89.8	1	75.0-125			4.01	20

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

(OS) L1850899-02 04/24/25 12:05 • (MS) R4204665-5 04/24/25 12:10 • (MSD) R4204665-6 04/24/25 12:11

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	123000	392	125000	129000	101	105	1	75.0-125			3.26	20
Calcium	1230000	27600000	28300000	36100000	60.8	693	1	75.0-125	V	J3 V	24.1	20
Cobalt	123000	2840	130000	137000	104	109	1	75.0-125			4.74	20
Iron	1230000	6720000	7230000	8140000	41.2	116	1	75.0-125	V		11.9	20
Magnesium	1230000	3520000	4850000	5430000	108	155	1	75.0-125		J5	11.1	20
Manganese	123000	113000	224000	268000	90.6	126	1	75.0-125		J5	17.7	20
Potassium	1230000	984000	2230000	2360000	101	112	1	75.0-125			5.93	20
Sodium	1230000	131000	1450000	1500000	107	111	1	75.0-125			3.37	20
Thallium	123000	U	130000	132000	106	108	1	75.0-125			1.84	20
Vanadium	123000	11800	134000	137000	99.2	102	1	75.0-125			2.78	20

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4204311-3 04/23/25 22:39

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	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

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Method Blank (MB)

(MB) R4204311-3 04/23/25 22:39

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	103			75.0-131
(S) 4-Bromofluorobenzene	99.7			67.0-138
(S) 1,2-Dichloroethane-d4	77.3			70.0-130

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc

<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc

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

(LCS) R4204311-1 04/23/25 19:28 • (LCSD) R4204311-2 04/23/25 20:32

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	495	630	79.2	101	10.0-160			24.0	31
Acrylonitrile	625	637	752	102	120	45.0-153			16.6	22
Bromobenzene	125	116	119	92.8	95.2	73.0-121			2.55	20
Bromodichloromethane	125	117	124	93.6	99.2	73.0-121			5.81	20
Bromoform	125	98.9	115	79.1	92.0	64.0-132			15.1	20
Bromomethane	125	115	96.8	92.0	77.4	56.0-147			17.2	20
n-Butylbenzene	125	101	112	80.8	89.6	68.0-135			10.3	20
sec-Butylbenzene	125	110	117	88.0	93.6	74.0-130			6.17	20
tert-Butylbenzene	125	109	120	87.2	96.0	75.0-127			9.61	20
Carbon tetrachloride	125	123	127	98.4	102	66.0-128			3.20	20
Chlorobenzene	125	109	118	87.2	94.4	76.0-128			7.93	20
Chlorodibromomethane	125	109	121	87.2	96.8	74.0-127			10.4	20

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

(LCS) R4204311-1 04/23/25 19:28 • (LCSD) R4204311-2 04/23/25 20:32

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 %
Chloroethane	125	114	120	91.2	96.0	61.0-134			5.13	20
Chloroform	125	112	121	89.6	96.8	72.0-123			7.73	20
Chloromethane	125	128	119	102	95.2	51.0-138			7.29	20
2-Chlorotoluene	125	115	123	92.0	98.4	75.0-124			6.72	20
4-Chlorotoluene	125	107	112	85.6	89.6	75.0-124			4.57	20
1,2-Dibromo-3-Chloropropane	125	93.1	99.2	74.5	79.4	59.0-130			6.34	20
1,2-Dibromoethane	125	115	125	92.0	100	74.0-128			8.33	20
Dibromomethane	125	123	133	98.4	106	75.0-122			7.81	20
1,2-Dichlorobenzene	125	103	109	82.4	87.2	76.0-124			5.66	20
1,3-Dichlorobenzene	125	107	116	85.6	92.8	76.0-125			8.07	20
1,4-Dichlorobenzene	125	104	111	83.2	88.8	77.0-121			6.51	20
Dichlorodifluoromethane	125	109	101	87.2	80.8	43.0-156			7.62	20
1,1-Dichloroethane	125	121	128	96.8	102	70.0-127			5.62	20
1,2-Dichloroethane	125	126	131	101	105	65.0-131			3.89	20
1,1-Dichloroethene	125	122	120	97.6	96.0	65.0-131			1.65	20
cis-1,2-Dichloroethene	125	121	130	96.8	104	73.0-125			7.17	20
trans-1,2-Dichloroethene	125	123	124	98.4	99.2	71.0-125			0.810	20
1,2-Dichloropropane	125	133	130	106	104	74.0-125			2.28	20
1,1-Dichloropropene	125	124	137	99.2	110	73.0-125			9.96	20
1,3-Dichloropropane	125	114	123	91.2	98.4	80.0-125			7.59	20
cis-1,3-Dichloropropene	125	128	138	102	110	76.0-127			7.52	20
trans-1,3-Dichloropropene	125	115	125	92.0	100	73.0-127			8.33	20
2,2-Dichloropropane	125	140	174	112	139	59.0-135		J3 J4	21.7	20
Di-isopropyl ether	125	126	128	101	102	60.0-136			1.57	20
Hexachloro-1,3-butadiene	125	72.2	75.9	57.8	60.7	57.0-150			5.00	20
Isopropylbenzene	125	107	106	85.6	84.8	72.0-127			0.939	20
p-Isopropyltoluene	125	103	115	82.4	92.0	72.0-133			11.0	20
2-Butanone (MEK)	625	647	736	104	118	30.0-160			12.9	24
Methylene Chloride	125	138	129	110	103	68.0-123			6.74	20
4-Methyl-2-pentanone (MIBK)	625	607	620	97.1	99.2	56.0-143			2.12	20
Methyl tert-butyl ether	125	120	122	96.0	97.6	66.0-132			1.65	20
n-Propylbenzene	125	111	115	88.8	92.0	74.0-126			3.54	20
Styrene	125	110	119	88.0	95.2	72.0-127			7.86	20
1,1,1,2-Tetrachloroethane	125	109	120	87.2	96.0	74.0-129			9.61	20
1,1,2,2-Tetrachloroethane	125	114	118	91.2	94.4	68.0-128			3.45	20
1,1,2-Trichlorotrifluoroethane	125	116	121	92.8	96.8	61.0-139			4.22	20
Tetrachloroethene	125	111	118	88.8	94.4	70.0-136			6.11	20
1,2,3-Trichlorobenzene	125	74.5	72.5	59.6	58.0	59.0-139		J4	2.72	20
1,2,4-Trichlorobenzene	125	78.6	78.8	62.9	63.0	62.0-137			0.254	20
1,1,1-Trichloroethane	125	124	130	99.2	104	69.0-126			4.72	20

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

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

(LCS) R4204311-1 04/23/25 19:28 • (LCSD) R4204311-2 04/23/25 20:32

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	119	125	95.2	100	78.0-123			4.92	20
Trichloroethene	125	122	131	97.6	105	76.0-126			7.11	20
Trichlorofluoromethane	125	133	132	106	106	61.0-142			0.755	20
1,2,3-Trichloropropane	125	118	129	94.4	103	67.0-129			8.91	20
1,2,3-Trimethylbenzene	125	106	111	84.8	88.8	74.0-124			4.61	20
Vinyl chloride	125	122	116	97.6	92.8	63.0-134			5.04	20
(S) Toluene-d8				96.8	96.6	75.0-131				
(S) 4-Bromofluorobenzene				103	106	67.0-138				
(S) 1,2-Dichloroethane-d4				99.6	98.8	70.0-130				

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

(OS) L1850899-02 04/24/25 01:49 • (MS) R4204311-4 04/24/25 05:46 • (MSD) R4204311-5 04/24/25 06:06

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 %	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD %	RPD Limits %
Acetone	909	U	330	551	36.3	60.6	1	10.0-160		J3	50.2	40
Acrylonitrile	909	U	698	693	76.8	76.2	1	10.0-160			0.837	40
Bromobenzene	182	U	169	173	92.8	95.2	1	10.0-156			2.55	38
Bromodichloromethane	182	U	154	156	84.8	85.6	1	10.0-143			0.939	37
Bromoform	182	U	129	129	71.2	71.2	1	10.0-146			0.000	36
Bromomethane	182	U	128	129	70.5	70.8	1	10.0-149			0.453	38
n-Butylbenzene	182	U	167	188	92.0	103	1	10.0-160			11.5	40
sec-Butylbenzene	182	U	178	191	97.6	105	1	10.0-159			7.11	39
tert-Butylbenzene	182	U	173	185	95.2	102	1	10.0-156			6.50	39
Carbon tetrachloride	182	U	195	196	107	108	1	10.0-145			0.743	37
Chlorobenzene	182	U	172	173	94.4	95.2	1	10.0-152			0.844	39
Chlorodibromomethane	182	U	146	144	80.0	79.0	1	10.0-146			1.31	37
Chloroethane	182	U	132	141	72.4	77.6	1	10.0-146			6.93	40
Chloroform	182	U	164	164	90.4	90.4	1	10.0-146			0.000	37
Chloromethane	182	U	205	212	113	117	1	10.0-159			3.48	37
2-Chlorotoluene	182	U	175	182	96.0	100	1	10.0-159			4.08	38
4-Chlorotoluene	182	U	150	154	82.4	84.8	1	10.0-155			2.87	39
1,2-Dibromo-3-Chloropropane	182	U	110	101	60.4	55.8	1	10.0-151			7.99	39
1,2-Dibromoethane	182	U	150	153	82.4	84.0	1	10.0-148			1.92	34
Dibromomethane	182	U	147	141	80.8	77.7	1	10.0-147			3.94	35
1,2-Dichlorobenzene	182	U	153	156	84.0	85.6	1	10.0-155			1.89	37
1,3-Dichlorobenzene	182	U	167	167	92.0	92.0	1	10.0-153			0.000	38
1,4-Dichlorobenzene	182	U	159	159	87.2	87.2	1	10.0-151			0.000	38
Dichlorodifluoromethane	182	U	198	199	109	110	1	10.0-160			0.733	35

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

(OS) L1850899-02 04/24/25 01:49 • (MS) R4204311-4 04/24/25 05:46 • (MSD) R4204311-5 04/24/25 06:06

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 %
1,1-Dichloroethane	182	U	180	176	99.2	96.8	1	10.0-147			2.45	37
1,2-Dichloroethane	182	U	150	143	82.4	78.6	1	10.0-148			4.77	35
1,1-Dichloroethene	182	U	198	207	109	114	1	10.0-155			4.32	37
cis-1,2-Dichloroethene	182	U	176	178	96.8	97.6	1	10.0-149			0.823	37
trans-1,2-Dichloroethene	182	U	192	194	106	106	1	10.0-150			0.755	37
1,2-Dichloropropane	182	U	175	178	96.0	97.6	1	10.0-148			1.65	37
1,1-Dichloropropene	182	U	196	204	108	112	1	10.0-153			3.64	35
1,3-Dichloropropane	182	U	151	154	83.2	84.8	1	10.0-154			1.90	35
cis-1,3-Dichloropropene	182	U	169	170	92.8	93.6	1	10.0-151			0.858	37
trans-1,3-Dichloropropene	182	U	166	166	91.2	91.2	1	10.0-148			0.000	37
2,2-Dichloropropane	182	U	167	178	92.0	97.6	1	10.0-138			5.91	36
Di-isopropyl ether	182	U	160	160	88.0	88.0	1	10.0-147			0.000	36
Hexachloro-1,3-butadiene	182	U	131	157	72.2	86.4	1	10.0-160			18.0	40
Isopropylbenzene	182	U	172	186	94.4	102	1	10.0-155			8.13	38
p-Isopropyltoluene	182	U	169	183	92.8	101	1	10.0-160			8.26	40
2-Butanone (MEK)	909	U	773	719	85.0	79.0	1	10.0-160			7.22	40
Methylene Chloride	182	U	194	202	106	111	1	10.0-141			4.41	37
4-Methyl-2-pentanone (MIBK)	909	U	626	613	68.8	67.4	1	10.0-160			2.12	35
Methyl tert-butyl ether	182	U	127	120	69.9	66.1	1	11.0-147			5.65	35
n-Propylbenzene	182	U	179	186	98.4	102	1	10.0-158			3.98	38
Styrene	182	U	166	170	91.2	93.6	1	10.0-160			2.60	40
1,1,1,2-Tetrachloroethane	182	U	160	163	88.0	89.6	1	10.0-149			1.80	39
1,1,2,2-Tetrachloroethane	182	U	105	134	57.8	73.5	1	10.0-160			23.9	35
1,1,2-Trichlorotrifluoroethane	182	U	211	214	116	118	1	10.0-160			1.37	36
Tetrachloroethene	182	U	199	210	110	115	1	10.0-156			4.98	39
1,2,3-Trichlorobenzene	182	U	127	138	69.8	75.7	1	10.0-160			8.14	40
1,2,4-Trichlorobenzene	182	U	128	139	70.2	76.6	1	10.0-160			8.83	40
1,1,1-Trichloroethane	182	U	185	196	102	108	1	10.0-144			6.11	35
1,1,2-Trichloroethane	182	U	160	164	88.0	90.4	1	10.0-160			2.69	35
Trichloroethene	182	U	223	210	122	115	1	10.0-156			6.06	38
Trichlorofluoromethane	182	U	218	228	120	126	1	10.0-160			4.56	40
1,2,3-Trichloropropane	182	U	147	151	80.8	83.2	1	10.0-156			2.93	35
1,2,3-Trimethylbenzene	182	U	151	157	83.2	86.4	1	10.0-160			3.77	36
Vinyl chloride	182	U	107	98.2	59.0	54.0	1	10.0-160			8.92	37
(S) Toluene-d8					103	104		75.0-131				
(S) 4-Bromofluorobenzene					101	102		67.0-138				
(S) 1,2-Dichloroethane-d4					84.8	82.9		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) R4204730-2 04/24/25 14:40

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

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Method Blank (MB)

(MB) R4204730-2 04/24/25 14:40

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	79.6			12.0-120
(S) Phenol-d5	75.8			10.0-120
(S) Nitrobenzene-d5	76.3			10.0-122
(S) 2-Fluorobiphenyl	72.7			15.0-120
(S) 2,4,6-Tribromophenol	65.3			10.0-127
(S) p-Terphenyl-d14	82.9			10.0-120

Laboratory Control Sample (LCS)

(LCS) R4204730-1 04/24/25 14:18

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/kg	ug/kg	%	%	
Acenaphthylene	666	601	90.2	40.0-120	
Benzidine	1330	711	53.5	10.0-120	J
Benzo(g,h,i)perylene	666	548	82.3	43.0-120	
Bis(2-chloroethoxy)methane	666	411	61.7	20.0-120	
Bis(2-chloroethyl)ether	666	508	76.3	16.0-120	
2,2-Oxybis(1-Chloropropane)	666	567	85.1	23.0-120	
4-Bromophenyl-phenylether	666	582	87.4	40.0-120	
2-Chloronaphthalene	666	503	75.5	35.0-120	
4-Chlorophenyl-phenylether	666	527	79.1	40.0-120	
1,2-Dichlorobenzene	666	476	71.5	32.0-120	
1,3-Dichlorobenzene	666	463	69.5	30.0-120	
1,4-Dichlorobenzene	666	488	73.3	31.0-120	
3,3-Dichlorobenzidine	1330	1070	80.5	28.0-120	
2,4-Dinitrotoluene	666	542	81.4	45.0-120	
2,6-Dinitrotoluene	666	505	75.8	42.0-120	
Hexachlorobenzene	666	534	80.2	39.0-120	
Hexachloro-1,3-butadiene	666	370	55.6	15.0-120	
Hexachlorocyclopentadiene	666	396	59.5	15.0-120	
Hexachloroethane	666	455	68.3	17.0-120	
Isophorone	666	445	66.8	23.0-120	
Nitrobenzene	666	426	64.0	17.0-120	
n-Nitrosodimethylamine	666	648	97.3	10.0-125	
n-Nitrosodiphenylamine	666	564	84.7	40.0-120	
n-Nitrosodi-n-propylamine	666	550	82.6	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) R4204730-1 04/24/25 14:18

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Phenanthrene	666	536	80.5	42.0-120	
Benzylbutyl phthalate	666	570	85.6	40.0-120	
Bis(2-ethylhexyl)phthalate	666	585	87.8	41.0-120	
Di-n-butyl phthalate	666	605	90.8	43.0-120	
Diethyl phthalate	666	576	86.5	43.0-120	
Dimethyl phthalate	666	566	85.0	43.0-120	
Di-n-octyl phthalate	666	544	81.7	40.0-120	
1,2,4-Trichlorobenzene	666	409	61.4	17.0-120	
4-Chloro-3-methylphenol	666	465	69.8	28.0-120	
2-Chlorophenol	666	480	72.1	28.0-120	
2,4-Dichlorophenol	666	434	65.2	25.0-120	
2,4-Dimethylphenol	666	426	64.0	15.0-120	
4,6-Dinitro-2-methylphenol	666	513	77.0	16.0-120	
2,4-Dinitrophenol	666	429	64.4	10.0-120	
2-Nitrophenol	666	463	69.5	20.0-120	
4-Nitrophenol	666	555	83.3	27.0-120	
Pentachlorophenol	666	394	59.2	29.0-120	
Phenol	666	518	77.8	28.0-120	
2,4,6-Trichlorophenol	666	535	80.3	37.0-120	
(S) 2-Fluorophenol			89.5	12.0-120	
(S) Phenol-d5			85.3	10.0-120	
(S) Nitrobenzene-d5			69.4	10.0-122	
(S) 2-Fluorobiphenyl			79.9	15.0-120	
(S) 2,4,6-Tribromophenol			84.4	10.0-127	
(S) p-Terphenyl-d14			86.5	10.0-120	

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc

<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc

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

(OS) L1850899-02 04/24/25 15:24 • (MS) R4204730-3 04/24/25 15:46 • (MSD) R4204730-4 04/24/25 16:08

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	815	U	540	519	66.3	64.9	1	25.0-120			3.94	32
Benzidine	1630	U	231	249	14.1	15.6	1	10.0-120	↓	↓	7.67	40
Benzo(g,h,i)perylene	815	U	535	560	65.7	69.9	1	10.0-120			4.48	33
Bis(2-chlorethoxy)methane	815	U	389	374	47.7	46.8	1	10.0-120	↓	↓	3.86	34
Bis(2-chloroethyl)ether	815	U	473	431	58.0	53.8	1	10.0-120			9.24	40
2,2-Oxybis(1-Chloropropane)	815	U	501	476	61.4	59.5	1	10.0-120			5.03	40
4-Bromophenyl-phenylether	815	U	507	514	62.2	64.3	1	27.0-120			1.44	30
2-Chloronaphthalene	815	U	447	432	54.8	54.0	1	20.0-120			3.35	32

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

(OS) L1850899-02 04/24/25 15:24 • (MS) R4204730-3 04/24/25 15:46 • (MSD) R4204730-4 04/24/25 16:08

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	815	U	460	462	56.5	57.7	1	24.0-120			0.266	29
1,2-Dichlorobenzene	815	U	411	390	50.5	48.8	1	10.0-120		J	5.21	38
1,3-Dichlorobenzene	815	U	393	371	48.2	46.3	1	10.0-120	J	J	5.79	40
1,4-Dichlorobenzene	815	U	409	392	50.2	48.9	1	10.0-120	J	J	4.29	39
3,3-Dichlorobenzidine	1630	U	1100	1150	67.5	71.8	1	10.0-120			3.82	34
2,4-Dinitrotoluene	815	U	474	466	58.1	58.3	1	30.0-120			1.57	31
2,6-Dinitrotoluene	815	U	423	426	52.0	53.2	1	25.0-120			0.578	31
Hexachlorobenzene	815	U	470	466	57.7	58.3	1	27.0-120			0.786	28
Hexachloro-1,3-butadiene	815	U	324	312	39.8	39.0	1	10.0-120	J	J	3.86	38
Hexachlorocyclopentadiene	815	U	U	U	0.000	0.000	1	10.0-120	J6	J6	0.000	40
Hexachloroethane	815	U	372	355	45.6	44.3	1	10.0-120	J	J	4.73	40
Isophorone	815	U	421	403	51.7	50.3	1	13.0-120		J	4.47	34
Nitrobenzene	815	U	394	377	48.3	47.1	1	10.0-120	J	J	4.46	36
n-Nitrosodimethylamine	815	U	561	533	68.8	66.6	1	10.0-127			5.16	40
n-Nitrosodiphenylamine	815	U	503	519	61.7	64.9	1	17.0-120			3.12	29
n-Nitrosodi-n-propylamine	815	U	497	480	61.0	60.0	1	10.0-120			3.52	37
Phenanthrene	815	U	503	509	61.7	63.7	1	17.0-120			1.21	31
Benzylbutyl phthalate	815	U	597	614	73.2	76.7	1	23.0-120			2.84	30
Bis(2-ethylhexyl)phthalate	815	U	594	614	72.9	76.7	1	17.0-126			3.25	30
Di-n-butyl phthalate	815	U	595	609	73.0	76.1	1	30.0-120			2.24	29
Diethyl phthalate	815	U	547	533	67.2	66.6	1	26.0-120			2.73	28
Dimethyl phthalate	815	U	517	502	63.4	62.7	1	25.0-120			2.89	29
Di-n-octyl phthalate	815	U	576	595	70.6	74.4	1	21.0-123			3.35	29
1,2,4-Trichlorobenzene	815	U	378	355	46.4	44.3	1	12.0-120	J	J	6.37	37
4-Chloro-3-methylphenol	815	U	395	336	48.5	42.0	1	15.0-120	J	J	16.1	30
2-Chlorophenol	815	U	443	417	54.4	52.1	1	15.0-120			5.99	37
2,4-Dichlorophenol	815	U	405	388	49.7	48.5	1	20.0-120	J	J	4.33	31
2,4-Dimethylphenol	815	U	382	357	46.8	44.6	1	10.0-120	J	J	6.64	33
4,6-Dinitro-2-methylphenol	815	U	441	450	54.1	56.3	1	10.0-120			2.20	39
2,4-Dinitrophenol	815	U	395	401	48.5	50.2	1	10.0-121	J	J	1.54	40
2-Nitrophenol	815	U	394	373	48.3	46.6	1	12.0-120	J	J	5.44	39
4-Nitrophenol	815	U	583	579	71.5	72.4	1	10.0-137			0.634	32
Pentachlorophenol	815	U	421	436	51.7	54.4	1	10.0-160			3.44	31
Phenol	815	U	292	249	35.8	31.1	1	12.0-120	J	J	15.9	38
2,4,6-Trichlorophenol	815	U	459	450	56.3	56.3	1	19.0-120			1.89	32
(S) 2-Fluorophenol					68.1	66.3		12.0-120				
(S) Phenol-d5					35.7	31.0		10.0-120				
(S) Nitrobenzene-d5					50.6	49.7		10.0-122				
(S) 2-Fluorobiphenyl					56.6	55.8		15.0-120				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

(OS) L1850899-02 04/24/25 15:24 • (MS) R4204730-3 04/24/25 15:46 • (MSD) R4204730-4 04/24/25 16:08

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					63.1	68.1		10.0-127				
(S) p-Terphenyl-d14					69.9	73.6		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

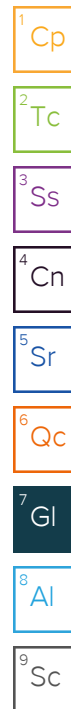
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
C7	The initial calibration verification standard (SSCV) associated with this data responded high.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
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.
O1	The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.



# 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.

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc

<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> 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 <sup>1</sup>	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina <sup>1</sup>	DW21704
Georgia	NELAP	North Carolina <sup>3</sup>	41
Georgia <sup>1</sup>	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 <sup>1,6</sup>	KY90010	South Carolina	84004002
Kentucky <sup>2</sup>	16	South Dakota	n/a
Louisiana	AI30792	Tennessee <sup>1,4</sup>	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas <sup>5</sup>	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 <sup>5</sup>	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA-Crypto	TN00003		

<sup>1</sup> Drinking Water <sup>2</sup> Underground Storage Tanks <sup>3</sup> Aquatic Toxicity <sup>4</sup> Chemical/Microbiological <sup>5</sup> Mold <sup>6</sup> 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.

