

**CTEH - ER**

Sample Delivery Group: L1852118  
Samples Received: 04/26/2025  
Project Number: PROJ-054017  
Description: Bishop Loss of Containment Incident

Report To: CTEH  
5120 North Shore Drive  
North Little Rock, AR 72118

Entire Report Reviewed By:



Jared Starkey  
Project Manager

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

**Pace Analytical National**12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 [mydata.pacelabs.com](https://mydata.pacelabs.com)

# TABLE OF CONTENTS

<b>Cp: Cover Page</b>	<b>1</b>
<b>Tc: Table of Contents</b>	<b>2</b>
<b>Ss: Sample Summary</b>	<b>3</b>
<b>Cn: Case Narrative</b>	<b>5</b>
<b>Sr: Sample Results</b>	<b>7</b>
GACO0425T050S018 L1852118-01	7
GACO0425T050C018 L1852118-02	10
GACO0425T050S014 L1852118-03	13
GACO0425T050S015 L1852118-04	16
GACO0425T050S013 L1852118-05	19
GACO0425T050T006 L1852118-06	22
<b>Qc: Quality Control Summary</b>	<b>24</b>
Total Solids by Method 2540 G-2011	24
Wet Chemistry by Method 350.1	26
Wet Chemistry by Method 4500NOrg D-2021	27
Wet Chemistry by Method 9056A	29
Wet Chemistry by Method WALKLEY-BLACK	30
Metals (ICP) by Method 6010D	31
Volatile Organic Compounds (GC/MS) by Method 8260D	33
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	42
<b>Gl: Glossary of Terms</b>	<b>48</b>
<b>Al: Accreditations &amp; Locations</b>	<b>49</b>
<b>Sc: Sample Chain of Custody</b>	<b>50</b>

<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

# SAMPLE SUMMARY

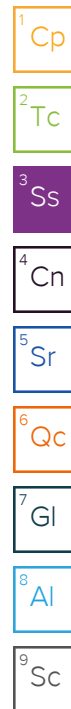
## GACO0425T050S018 L1852118-01 Solid

Collected by  
Alec Scott

Collected date/time  
04/25/25 11:40

Received date/time  
04/26/25 11:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2500830	1	04/26/25 17:08	04/28/25 00:34	AEC	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2500731	1	04/26/25 15:07	04/26/25 15:28	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2500943	1	04/26/25 23:13	04/27/25 21:21	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2501020	10	04/27/25 09:18	04/28/25 00:34	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2500830	1	04/26/25 17:08	04/26/25 20:42	AJC	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2500756	4	04/26/25 15:52	04/27/25 15:16	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2500776	1	04/26/25 18:08	04/26/25 23:39	BAG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2500829	1	04/26/25 14:07	04/26/25 21:39	JAH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2500746	1	04/26/25 16:05	04/26/25 20:21	HLA	Mt. Juliet, TN



## GACO0425T050C018 L1852118-02 Solid

Collected by  
Alec Scott

Collected date/time  
04/25/25 11:40

Received date/time  
04/26/25 11:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2500830	1	04/26/25 17:08	04/28/25 00:35	AEC	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2500731	1	04/26/25 15:07	04/26/25 15:28	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2500943	1	04/26/25 23:13	04/27/25 21:22	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2501020	10	04/27/25 09:18	04/28/25 00:35	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2500830	5	04/26/25 17:08	04/26/25 20:55	AJC	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2500756	5	04/26/25 15:52	04/27/25 15:16	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2500776	1	04/26/25 18:08	04/26/25 23:40	BAG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2500829	1	04/26/25 14:07	04/26/25 21:59	JAH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2500746	1	04/26/25 16:05	04/26/25 20:42	HLA	Mt. Juliet, TN

## GACO0425T050S014 L1852118-03 Solid

Collected by  
Alec Scott

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

Received date/time  
04/26/25 11:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2500830	1	04/26/25 17:08	04/28/25 00:37	AEC	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2500731	1	04/26/25 15:07	04/26/25 15:28	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2500943	1	04/26/25 23:13	04/27/25 21:24	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2501020	10	04/27/25 09:18	04/28/25 00:37	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2500830	5	04/26/25 17:08	04/26/25 21:08	AJC	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2500756	5	04/26/25 15:52	04/27/25 15:17	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2500776	1	04/26/25 18:08	04/26/25 23:42	BAG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2500829	1	04/26/25 14:07	04/26/25 22:19	JAH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2500746	1	04/26/25 16:05	04/26/25 21:03	HLA	Mt. Juliet, TN

## GACO0425T050S015 L1852118-04 Solid

Collected by  
Alec Scott

Collected date/time  
04/25/25 10:35

Received date/time  
04/26/25 11:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2500830	1	04/26/25 17:08	04/28/25 00:38	AEC	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2500848	1	04/26/25 17:08	04/26/25 17:28	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2500943	1	04/26/25 23:13	04/27/25 21:25	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2501020	10	04/27/25 09:18	04/28/25 00:38	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2500830	1	04/26/25 17:08	04/26/25 21:21	AJC	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2500756	4	04/26/25 15:52	04/27/25 15:17	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2500776	1	04/26/25 18:08	04/26/25 23:48	BAG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2500829	1	04/26/25 14:07	04/26/25 22:39	JAH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2500746	1	04/26/25 16:05	04/26/25 21:23	HLA	Mt. Juliet, TN

# SAMPLE SUMMARY

GACO0425T050S013 L1852118-05 Solid

Collected by  
Alec Scott

Collected date/time  
04/25/25 10:00

Received date/time  
04/26/25 11:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2500830	1	04/26/25 17:08	04/28/25 00:39	AEC	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2500848	1	04/26/25 17:08	04/26/25 17:28	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2500943	1	04/26/25 23:13	04/27/25 21:27	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2501020	10	04/27/25 09:18	04/28/25 00:39	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2500830	1	04/26/25 17:08	04/26/25 21:34	AJC	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2500756	5	04/26/25 15:52	04/27/25 15:17	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2500776	1	04/26/25 18:08	04/26/25 23:50	BAG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2500829	1	04/26/25 14:07	04/26/25 22:59	JAH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2500746	1	04/26/25 16:05	04/26/25 21:44	HLA	Mt. Juliet, TN

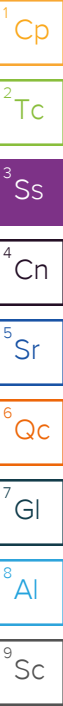
GACO0425T050T006 L1852118-06 GW

Collected by  
Alec Scott

Collected date/time  
04/25/25 07:30

Received date/time  
04/26/25 11:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2500633	1	04/26/25 15:17	04/26/25 15:17	WHS	Mt. Juliet, TN



# CASE NARRATIVE

Unless qualified or notated within the narrative below, all sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Jared Starkey  
Project Manager



## Wet Chemistry by Method 4500NOrg D-2021

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

Batch	Lab Sample ID	Analytes
WG2501020	(DUP) R4206030-5	Kjeldahl Nitrogen, TKN

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

Batch	Lab Sample ID	Analytes
WG2501020	(MS) R4206030-3	Kjeldahl Nitrogen, TKN

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

Batch	Lab Sample ID	Analytes
WG2501020	(MS) R4206030-6, (MSD) R4206030-7	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
WG2500776	(MS) R4205756-5	Aluminum

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

Batch	Lab Sample ID	Analytes
WG2500776	(MS) R4205756-5, (MSD) R4205756-6	Calcium and Iron

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

Batch	Lab Sample ID	Analytes
WG2500776	(MS) R4205756-5, (MSD) R4205756-6	Manganese

# CASE NARRATIVE

## 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
WG2500633	L1852118-06	1,2,4-Trichlorobenzene, Bromomethane and Naphthalene
WG2500829	L1852118-01	1,1-Dichloroethane, 1,1-Dichloroethene, 1,2-Dichloroethane, 2-Butanone (MEK), Acetone, Acrylonitrile, Bromomethane, Chloromethane, Di-isopropyl ether and Vinyl chloride
WG2500829	L1852118-02	1,1-Dichloroethane, 1,1-Dichloroethene, 1,2-Dichloroethane, 2-Butanone (MEK), Acetone, Acrylonitrile, Bromomethane, Chloromethane, Di-isopropyl ether and Vinyl chloride
WG2500829	L1852118-03	1,1-Dichloroethane, 1,1-Dichloroethene, 1,2-Dichloroethane, 2-Butanone (MEK), Acetone, Acrylonitrile, Bromomethane, Chloromethane, Di-isopropyl ether and Vinyl chloride
WG2500829	L1852118-04	1,1-Dichloroethane, 1,1-Dichloroethene, 1,2-Dichloroethane, 2-Butanone (MEK), Acetone, Acrylonitrile, Bromomethane, Chloromethane, Di-isopropyl ether and Vinyl chloride
WG2500829	L1852118-05	1,1-Dichloroethane, 1,1-Dichloroethene, 1,2-Dichloroethane, 2-Butanone (MEK), Acetone, Acrylonitrile, Bromomethane, Chloromethane, Di-isopropyl ether and Vinyl chloride

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

Batch	Lab Sample ID	Analytes
WG2500633	(LCS) R4205706-1, (LCSD) R4205706-2, L1852118-06	Acrolein

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

Batch	Lab Sample ID	Analytes
WG2500633	(LCS) R4205706-1, (LCSD) R4205706-2, L1852118-06	Naphthalene

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

Batch	Lab Sample ID	Analytes
WG2500829	(MSD) R4205766-4	1,1,2-Trichlorotrifluoroethane and Dichlorodifluoromethane

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

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

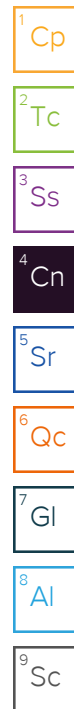
Batch	Lab Sample ID	Analytes
WG2500746	L1852118-01	Hexachlorocyclopentadiene
WG2500746	L1852118-02	Hexachlorocyclopentadiene
WG2500746	L1852118-03	Hexachlorocyclopentadiene
WG2500746	L1852118-04	Hexachlorocyclopentadiene
WG2500746	L1852118-05	Hexachlorocyclopentadiene

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

Batch	Lab Sample ID	Analytes
WG2500746	(MS) R4205954-3, (MS) R4205954-5, (MSD) R4205954-4, (MSD) R4205954-6	Benzidine and Hexachlorocyclopentadiene

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

Batch	Lab Sample ID	Analytes
WG2500746	(MSD) R4205954-4	Benzidine and Hexachlorocyclopentadiene



Calculated Results

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg	ug/kg		date / time	
Total Nitrogen	1030000		663	21900	1	04/28/2025 00:34	<a href="#">WG2500830</a>

1  
Cp

2  
Tc

3  
Ss

4  
Cn

5  
Sr

6  
Qc

7  
Gl

8  
Al

9  
Sc

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	91.4		1	04/26/2025 15:28	<a href="#">WG2500731</a>

Wet Chemistry by Method 350.1

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg	ug/kg		date / time	
Ammonia Nitrogen	U		7870	10900	1	04/27/2025 21:21	<a href="#">WG2500943</a>

Wet Chemistry by Method 4500NOrg D-2021

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg	ug/kg		date / time	
Kjeldahl Nitrogen, TKN	1000000		166000	219000	10	04/28/2025 00:34	<a href="#">WG2501020</a>

Wet Chemistry by Method 9056A

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg	ug/kg		date / time	
Nitrate-Nitrite	25200		663	21900	1	04/26/2025 20:42	<a href="#">WG2500830</a>

Wet Chemistry by Method WALKLEY-BLACK

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg	ug/kg		date / time	
TOC By Walkley Black	13400000		102000	400000	4	04/27/2025 15:16	<a href="#">WG2500756</a>

Metals (ICP) by Method 6010D

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg	ug/kg		date / time	
Aluminum	5580000		6650	21900	1	04/26/2025 23:39	<a href="#">WG2500776</a>
Antimony	U		756	2190	1	04/26/2025 23:39	<a href="#">WG2500776</a>
Beryllium	547		52.2	219	1	04/26/2025 23:39	<a href="#">WG2500776</a>
Calcium	17700000		20800	109000	1	04/26/2025 23:39	<a href="#">WG2500776</a>
Cobalt	4290		194	1090	1	04/26/2025 23:39	<a href="#">WG2500776</a>
Iron	9200000		2450	10900	1	04/26/2025 23:39	<a href="#">WG2500776</a>
Magnesium	2670000		21800	109000	1	04/26/2025 23:39	<a href="#">WG2500776</a>
Manganese	444000		189	1090	1	04/26/2025 23:39	<a href="#">WG2500776</a>
Potassium	2060000		22900	109000	1	04/26/2025 23:39	<a href="#">WG2500776</a>
Sodium	65600	J	45100	109000	1	04/26/2025 23:39	<a href="#">WG2500776</a>
Thallium	U		567	2190	1	04/26/2025 23:39	<a href="#">WG2500776</a>
Vanadium	15600		419	2190	1	04/26/2025 23:39	<a href="#">WG2500776</a>

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg	ug/kg		date / time	
Acetone	U	C3	43.4	59.4	1	04/26/2025 21:39	<a href="#">WG2500829</a>
Acrylonitrile	U	C3	4.29	14.9	1	04/26/2025 21:39	<a href="#">WG2500829</a>
Bromobenzene	U		1.07	14.9	1	04/26/2025 21:39	<a href="#">WG2500829</a>
Bromodichloromethane	U		0.862	2.97	1	04/26/2025 21:39	<a href="#">WG2500829</a>
Bromoform	U		1.39	29.7	1	04/26/2025 21:39	<a href="#">WG2500829</a>
Bromomethane	U	C3	2.34	14.9	1	04/26/2025 21:39	<a href="#">WG2500829</a>



GACO0425T050S018

Collected date/time: 04/25/25 11:40

## SAMPLE RESULTS - 01

L1852118

## 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		6.24	14.9	1	04/26/2025 21:39	<a href="#">WG2500829</a>
sec-Butylbenzene	U		3.42	14.9	1	04/26/2025 21:39	<a href="#">WG2500829</a>
tert-Butylbenzene	U		2.32	5.94	1	04/26/2025 21:39	<a href="#">WG2500829</a>
Carbon tetrachloride	U		1.07	5.94	1	04/26/2025 21:39	<a href="#">WG2500829</a>
Chlorobenzene	U		0.250	2.97	1	04/26/2025 21:39	<a href="#">WG2500829</a>
Chlorodibromomethane	U		0.728	2.97	1	04/26/2025 21:39	<a href="#">WG2500829</a>
Chloroethane	U		2.02	5.94	1	04/26/2025 21:39	<a href="#">WG2500829</a>
Chloroform	U		1.22	2.97	1	04/26/2025 21:39	<a href="#">WG2500829</a>
Chloromethane	U	<a href="#">C3</a>	5.17	14.9	1	04/26/2025 21:39	<a href="#">WG2500829</a>
2-Chlorotoluene	U		1.03	2.97	1	04/26/2025 21:39	<a href="#">WG2500829</a>
4-Chlorotoluene	U		0.535	5.94	1	04/26/2025 21:39	<a href="#">WG2500829</a>
1,2-Dibromo-3-Chloropropane	U		4.64	29.7	1	04/26/2025 21:39	<a href="#">WG2500829</a>
1,2-Dibromoethane	U		0.770	2.97	1	04/26/2025 21:39	<a href="#">WG2500829</a>
Dibromomethane	U		0.892	5.94	1	04/26/2025 21:39	<a href="#">WG2500829</a>
1,2-Dichlorobenzene	U		0.505	5.94	1	04/26/2025 21:39	<a href="#">WG2500829</a>
1,3-Dichlorobenzene	U		0.713	5.94	1	04/26/2025 21:39	<a href="#">WG2500829</a>
1,4-Dichlorobenzene	U		0.832	5.94	1	04/26/2025 21:39	<a href="#">WG2500829</a>
Dichlorodifluoromethane	U		1.91	5.94	1	04/26/2025 21:39	<a href="#">WG2500829</a>
1,1-Dichloroethane	U	<a href="#">C3</a>	0.584	2.97	1	04/26/2025 21:39	<a href="#">WG2500829</a>
1,2-Dichloroethane	U	<a href="#">C3</a>	0.772	2.97	1	04/26/2025 21:39	<a href="#">WG2500829</a>
1,1-Dichloroethene	U	<a href="#">C3</a>	0.720	2.97	1	04/26/2025 21:39	<a href="#">WG2500829</a>
cis-1,2-Dichloroethene	U		0.873	2.97	1	04/26/2025 21:39	<a href="#">WG2500829</a>
trans-1,2-Dichloroethene	U		1.24	5.94	1	04/26/2025 21:39	<a href="#">WG2500829</a>
1,2-Dichloropropane	U		1.69	5.94	1	04/26/2025 21:39	<a href="#">WG2500829</a>
1,1-Dichloropropene	U		0.962	2.97	1	04/26/2025 21:39	<a href="#">WG2500829</a>
1,3-Dichloropropane	U		0.596	5.94	1	04/26/2025 21:39	<a href="#">WG2500829</a>
cis-1,3-Dichloropropene	U		0.900	2.97	1	04/26/2025 21:39	<a href="#">WG2500829</a>
trans-1,3-Dichloropropene	U		1.36	5.94	1	04/26/2025 21:39	<a href="#">WG2500829</a>
2,2-Dichloropropane	U		1.64	2.97	1	04/26/2025 21:39	<a href="#">WG2500829</a>
Di-isopropyl ether	U	<a href="#">C3</a>	0.487	1.19	1	04/26/2025 21:39	<a href="#">WG2500829</a>
Hexachloro-1,3-butadiene	U		7.13	29.7	1	04/26/2025 21:39	<a href="#">WG2500829</a>
Isopropylbenzene	U		0.505	2.97	1	04/26/2025 21:39	<a href="#">WG2500829</a>
p-Isopropyltoluene	U		3.03	5.94	1	04/26/2025 21:39	<a href="#">WG2500829</a>
2-Butanone (MEK)	U	<a href="#">C3</a>	75.5	119	1	04/26/2025 21:39	<a href="#">WG2500829</a>
Methylene Chloride	U		7.89	29.7	1	04/26/2025 21:39	<a href="#">WG2500829</a>
4-Methyl-2-pentanone (MIBK)	U		2.71	29.7	1	04/26/2025 21:39	<a href="#">WG2500829</a>
Methyl tert-butyl ether	U		0.416	1.19	1	04/26/2025 21:39	<a href="#">WG2500829</a>
n-Propylbenzene	U		1.13	5.94	1	04/26/2025 21:39	<a href="#">WG2500829</a>
Styrene	U		0.272	14.9	1	04/26/2025 21:39	<a href="#">WG2500829</a>
1,1,1,2-Tetrachloroethane	U		1.13	2.97	1	04/26/2025 21:39	<a href="#">WG2500829</a>
1,1,2,2-Tetrachloroethane	U		0.826	2.97	1	04/26/2025 21:39	<a href="#">WG2500829</a>
1,1,2-Trichlorotrifluoroethane	U		0.896	2.97	1	04/26/2025 21:39	<a href="#">WG2500829</a>
Tetrachloroethene	U		1.07	2.97	1	04/26/2025 21:39	<a href="#">WG2500829</a>
1,2,3-Trichlorobenzene	U		8.71	14.9	1	04/26/2025 21:39	<a href="#">WG2500829</a>
1,2,4-Trichlorobenzene	U		5.23	14.9	1	04/26/2025 21:39	<a href="#">WG2500829</a>
1,1,1-Trichloroethane	U		1.10	2.97	1	04/26/2025 21:39	<a href="#">WG2500829</a>
1,1,2-Trichloroethane	U		0.710	2.97	1	04/26/2025 21:39	<a href="#">WG2500829</a>
Trichloroethene	U		0.694	1.19	1	04/26/2025 21:39	<a href="#">WG2500829</a>
Trichlorofluoromethane	U		0.983	2.97	1	04/26/2025 21:39	<a href="#">WG2500829</a>
1,2,3-Trichloropropane	U		1.93	14.9	1	04/26/2025 21:39	<a href="#">WG2500829</a>
1,2,3-Trimethylbenzene	U		1.88	5.94	1	04/26/2025 21:39	<a href="#">WG2500829</a>
Vinyl chloride	U	<a href="#">C3</a>	1.38	2.97	1	04/26/2025 21:39	<a href="#">WG2500829</a>
(S) Toluene-d8	109			75.0-131		04/26/2025 21:39	<a href="#">WG2500829</a>
(S) 4-Bromofluorobenzene	97.6			67.0-138		04/26/2025 21:39	<a href="#">WG2500829</a>
(S) 1,2-Dichloroethane-d4	82.3			70.0-130		04/26/2025 21:39	<a href="#">WG2500829</a>

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		5.13	36.4	1	04/26/2025 20:21	WG2500746
Benzidine	U		68.5	1830	1	04/26/2025 20:21	WG2500746
Benzo(g,h,i)perylene	U		6.66	36.4	1	04/26/2025 20:21	WG2500746
Bis(2-chlorethoxy)methane	U		10.9	364	1	04/26/2025 20:21	WG2500746
Bis(2-chloroethyl)ether	U		12.0	364	1	04/26/2025 20:21	WG2500746
2,2-Oxybis(1-Chloropropane)	U		15.8	364	1	04/26/2025 20:21	WG2500746
4-Bromophenyl-phenylether	U		12.8	364	1	04/26/2025 20:21	WG2500746
2-Chloronaphthalene	U		6.40	36.4	1	04/26/2025 20:21	WG2500746
4-Chlorophenyl-phenylether	U		12.7	364	1	04/26/2025 20:21	WG2500746
1,2-Dichlorobenzene	U		10.8	364	1	04/26/2025 20:21	WG2500746
1,3-Dichlorobenzene	U		11.1	364	1	04/26/2025 20:21	WG2500746
1,4-Dichlorobenzene	U		10.8	364	1	04/26/2025 20:21	WG2500746
3,3-Dichlorobenzidine	U		13.5	364	1	04/26/2025 20:21	WG2500746
2,4-Dinitrotoluene	U		10.5	364	1	04/26/2025 20:21	WG2500746
2,6-Dinitrotoluene	U		11.9	364	1	04/26/2025 20:21	WG2500746
Hexachlorobenzene	U		12.9	364	1	04/26/2025 20:21	WG2500746
Hexachloro-1,3-butadiene	U		12.3	364	1	04/26/2025 20:21	WG2500746
Hexachlorocyclopentadiene	U	C7	19.2	364	1	04/26/2025 20:21	WG2500746
Hexachloroethane	U		14.3	364	1	04/26/2025 20:21	WG2500746
Isophorone	U		11.2	364	1	04/26/2025 20:21	WG2500746
Nitrobenzene	U		12.7	364	1	04/26/2025 20:21	WG2500746
n-Nitrosodimethylamine	U		54.1	364	1	04/26/2025 20:21	WG2500746
n-Nitrosodiphenylamine	U		27.6	364	1	04/26/2025 20:21	WG2500746
n-Nitrosodi-n-propylamine	U		12.1	364	1	04/26/2025 20:21	WG2500746
Phenanthrene	U		7.23	36.4	1	04/26/2025 20:21	WG2500746
Benzylbutyl phthalate	U		11.4	364	1	04/26/2025 20:21	WG2500746
Bis(2-ethylhexyl)phthalate	U		46.2	364	1	04/26/2025 20:21	WG2500746
Di-n-butyl phthalate	U		12.5	364	1	04/26/2025 20:21	WG2500746
Diethyl phthalate	U		12.0	364	1	04/26/2025 20:21	WG2500746
Dimethyl phthalate	U		77.3	364	1	04/26/2025 20:21	WG2500746
Di-n-octyl phthalate	U		24.6	364	1	04/26/2025 20:21	WG2500746
1,2,4-Trichlorobenzene	U		11.4	364	1	04/26/2025 20:21	WG2500746
4-Chloro-3-methylphenol	U		11.8	364	1	04/26/2025 20:21	WG2500746
2-Chlorophenol	U		12.0	364	1	04/26/2025 20:21	WG2500746
2,4-Dichlorophenol	U		10.6	364	1	04/26/2025 20:21	WG2500746
2,4-Dimethylphenol	U		9.52	364	1	04/26/2025 20:21	WG2500746
4,6-Dinitro-2-methylphenol	U		82.6	364	1	04/26/2025 20:21	WG2500746
2,4-Dinitrophenol	U		85.2	364	1	04/26/2025 20:21	WG2500746
2-Nitrophenol	U		13.0	364	1	04/26/2025 20:21	WG2500746
4-Nitrophenol	U		11.4	364	1	04/26/2025 20:21	WG2500746
Pentachlorophenol	U		9.81	364	1	04/26/2025 20:21	WG2500746
Phenol	U		14.7	364	1	04/26/2025 20:21	WG2500746
2,4,6-Trichlorophenol	U		11.7	364	1	04/26/2025 20:21	WG2500746
(S) 2-Fluorophenol	73.8			12.0-120		04/26/2025 20:21	WG2500746
(S) Phenol-d5	69.0			10.0-120		04/26/2025 20:21	WG2500746
(S) Nitrobenzene-d5	67.0			10.0-122		04/26/2025 20:21	WG2500746
(S) 2-Fluorobiphenyl	68.8			15.0-120		04/26/2025 20:21	WG2500746
(S) 2,4,6-Tribromophenol	76.0			10.0-127		04/26/2025 20:21	WG2500746
(S) p-Terphenyl-d14	70.1			10.0-120		04/26/2025 20:21	WG2500746

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Calculated Results

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg	ug/kg		date / time	
Total Nitrogen	1060000		3300	109000	1	04/28/2025 00:35	<a href="#">WG2500830</a>

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	91.8		1	04/26/2025 15:28	<a href="#">WG2500731</a>

Wet Chemistry by Method 350.1

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg	ug/kg		date / time	
Ammonia Nitrogen	U		7830	10900	1	04/27/2025 21:22	<a href="#">WG2500943</a>

Wet Chemistry by Method 4500NOrg D-2021

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg	ug/kg		date / time	
Kjeldahl Nitrogen, TKN	1010000		166000	218000	10	04/28/2025 00:35	<a href="#">WG2501020</a>

Wet Chemistry by Method 9056A

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg	ug/kg		date / time	
Nitrate-Nitrite	49900	<a href="#">J</a>	3300	109000	5	04/26/2025 20:55	<a href="#">WG2500830</a>

Sample Narrative:

L1852118-02 WG2500830: Dilution due to matrix impact on instrumentation at lower dilution

Wet Chemistry by Method WALKLEY-BLACK

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg	ug/kg		date / time	
TOC By Walkley Black	15600000		128000	500000	5	04/27/2025 15:16	<a href="#">WG2500756</a>

Metals (ICP) by Method 6010D

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg	ug/kg		date / time	
Aluminum	4780000		6620	21800	1	04/26/2025 23:40	<a href="#">WG2500776</a>
Antimony	U		752	2180	1	04/26/2025 23:40	<a href="#">WG2500776</a>
Beryllium	495		51.9	218	1	04/26/2025 23:40	<a href="#">WG2500776</a>
Calcium	14800000		20700	109000	1	04/26/2025 23:40	<a href="#">WG2500776</a>
Cobalt	3710		193	1090	1	04/26/2025 23:40	<a href="#">WG2500776</a>
Iron	8200000		2440	10900	1	04/26/2025 23:40	<a href="#">WG2500776</a>
Magnesium	2610000		21700	109000	1	04/26/2025 23:40	<a href="#">WG2500776</a>
Manganese	260000		188	1090	1	04/26/2025 23:40	<a href="#">WG2500776</a>
Potassium	2090000		22800	109000	1	04/26/2025 23:40	<a href="#">WG2500776</a>
Sodium	91800	<a href="#">J</a>	44900	109000	1	04/26/2025 23:40	<a href="#">WG2500776</a>
Thallium	U		564	2180	1	04/26/2025 23:40	<a href="#">WG2500776</a>
Vanadium	13100		417	2180	1	04/26/2025 23:40	<a href="#">WG2500776</a>

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg	ug/kg		date / time	
Acetone	U	<a href="#">C3</a>	43.0	58.9	1	04/26/2025 21:59	<a href="#">WG2500829</a>
Acrylonitrile	U	<a href="#">C3</a>	4.25	14.7	1	04/26/2025 21:59	<a href="#">WG2500829</a>
Bromobenzene	U		1.06	14.7	1	04/26/2025 21:59	<a href="#">WG2500829</a>

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

GAC00425T050C018

Collected date/time: 04/25/25 11:40

## SAMPLE RESULTS - 02

L1852118

## 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
Bromodichloromethane	U		0.854	2.95	1	04/26/2025 21:59	<a href="#">WG2500829</a>
Bromoform	U		1.38	29.5	1	04/26/2025 21:59	<a href="#">WG2500829</a>
Bromomethane	U	<a href="#">C3</a>	2.32	14.7	1	04/26/2025 21:59	<a href="#">WG2500829</a>
n-Butylbenzene	U		6.18	14.7	1	04/26/2025 21:59	<a href="#">WG2500829</a>
sec-Butylbenzene	U		3.39	14.7	1	04/26/2025 21:59	<a href="#">WG2500829</a>
tert-Butylbenzene	U		2.30	5.89	1	04/26/2025 21:59	<a href="#">WG2500829</a>
Carbon tetrachloride	U		1.06	5.89	1	04/26/2025 21:59	<a href="#">WG2500829</a>
Chlorobenzene	U		0.247	2.95	1	04/26/2025 21:59	<a href="#">WG2500829</a>
Chlorodibromomethane	U		0.721	2.95	1	04/26/2025 21:59	<a href="#">WG2500829</a>
Chloroethane	U		2.00	5.89	1	04/26/2025 21:59	<a href="#">WG2500829</a>
Chloroform	U		1.21	2.95	1	04/26/2025 21:59	<a href="#">WG2500829</a>
Chloromethane	U	<a href="#">C3</a>	5.12	14.7	1	04/26/2025 21:59	<a href="#">WG2500829</a>
2-Chlorotoluene	U		1.02	2.95	1	04/26/2025 21:59	<a href="#">WG2500829</a>
4-Chlorotoluene	U		0.530	5.89	1	04/26/2025 21:59	<a href="#">WG2500829</a>
1,2-Dibromo-3-Chloropropane	U		4.59	29.5	1	04/26/2025 21:59	<a href="#">WG2500829</a>
1,2-Dibromoethane	U		0.763	2.95	1	04/26/2025 21:59	<a href="#">WG2500829</a>
Dibromomethane	U		0.884	5.89	1	04/26/2025 21:59	<a href="#">WG2500829</a>
1,2-Dichlorobenzene	U		0.501	5.89	1	04/26/2025 21:59	<a href="#">WG2500829</a>
1,3-Dichlorobenzene	U		0.707	5.89	1	04/26/2025 21:59	<a href="#">WG2500829</a>
1,4-Dichlorobenzene	U		0.825	5.89	1	04/26/2025 21:59	<a href="#">WG2500829</a>
Dichlorodifluoromethane	U		1.90	5.89	1	04/26/2025 21:59	<a href="#">WG2500829</a>
1,1-Dichloroethane	U	<a href="#">C3</a>	0.578	2.95	1	04/26/2025 21:59	<a href="#">WG2500829</a>
1,2-Dichloroethane	U	<a href="#">C3</a>	0.765	2.95	1	04/26/2025 21:59	<a href="#">WG2500829</a>
1,1-Dichloroethene	U	<a href="#">C3</a>	0.714	2.95	1	04/26/2025 21:59	<a href="#">WG2500829</a>
cis-1,2-Dichloroethene	U		0.865	2.95	1	04/26/2025 21:59	<a href="#">WG2500829</a>
trans-1,2-Dichloroethene	U		1.23	5.89	1	04/26/2025 21:59	<a href="#">WG2500829</a>
1,2-Dichloropropane	U		1.67	5.89	1	04/26/2025 21:59	<a href="#">WG2500829</a>
1,1-Dichloropropene	U		0.953	2.95	1	04/26/2025 21:59	<a href="#">WG2500829</a>
1,3-Dichloropropane	U		0.590	5.89	1	04/26/2025 21:59	<a href="#">WG2500829</a>
cis-1,3-Dichloropropene	U		0.892	2.95	1	04/26/2025 21:59	<a href="#">WG2500829</a>
trans-1,3-Dichloropropene	U		1.34	5.89	1	04/26/2025 21:59	<a href="#">WG2500829</a>
2,2-Dichloropropane	U		1.63	2.95	1	04/26/2025 21:59	<a href="#">WG2500829</a>
Di-isopropyl ether	U	<a href="#">C3</a>	0.483	1.18	1	04/26/2025 21:59	<a href="#">WG2500829</a>
Hexachloro-1,3-butadiene	U		7.07	29.5	1	04/26/2025 21:59	<a href="#">WG2500829</a>
Isopropylbenzene	U		0.501	2.95	1	04/26/2025 21:59	<a href="#">WG2500829</a>
p-Isopropyltoluene	U		3.00	5.89	1	04/26/2025 21:59	<a href="#">WG2500829</a>
2-Butanone (MEK)	U	<a href="#">C3</a>	74.8	118	1	04/26/2025 21:59	<a href="#">WG2500829</a>
Methylene Chloride	U		7.82	29.5	1	04/26/2025 21:59	<a href="#">WG2500829</a>
4-Methyl-2-pentanone (MIBK)	U		2.69	29.5	1	04/26/2025 21:59	<a href="#">WG2500829</a>
Methyl tert-butyl ether	U		0.412	1.18	1	04/26/2025 21:59	<a href="#">WG2500829</a>
n-Propylbenzene	U		1.12	5.89	1	04/26/2025 21:59	<a href="#">WG2500829</a>
Styrene	U		0.270	14.7	1	04/26/2025 21:59	<a href="#">WG2500829</a>
1,1,1,2-Tetrachloroethane	U		1.12	2.95	1	04/26/2025 21:59	<a href="#">WG2500829</a>
1,1,2,2-Tetrachloroethane	U		0.819	2.95	1	04/26/2025 21:59	<a href="#">WG2500829</a>
1,1,2-Trichlorotrifluoroethane	U		0.888	2.95	1	04/26/2025 21:59	<a href="#">WG2500829</a>
Tetrachloroethene	U		1.06	2.95	1	04/26/2025 21:59	<a href="#">WG2500829</a>
1,2,3-Trichlorobenzene	U		8.64	14.7	1	04/26/2025 21:59	<a href="#">WG2500829</a>
1,2,4-Trichlorobenzene	U		5.18	14.7	1	04/26/2025 21:59	<a href="#">WG2500829</a>
1,1,1-Trichloroethane	U		1.09	2.95	1	04/26/2025 21:59	<a href="#">WG2500829</a>
1,1,2-Trichloroethane	U		0.703	2.95	1	04/26/2025 21:59	<a href="#">WG2500829</a>
Trichloroethene	U		0.688	1.18	1	04/26/2025 21:59	<a href="#">WG2500829</a>
Trichlorofluoromethane	U		0.974	2.95	1	04/26/2025 21:59	<a href="#">WG2500829</a>
1,2,3-Trichloropropane	U		1.91	14.7	1	04/26/2025 21:59	<a href="#">WG2500829</a>
1,2,3-Trimethylbenzene	U		1.86	5.89	1	04/26/2025 21:59	<a href="#">WG2500829</a>
Vinyl chloride	U	<a href="#">C3</a>	1.37	2.95	1	04/26/2025 21:59	<a href="#">WG2500829</a>
(S) Toluene-d8	111			75.0-131		04/26/2025 21:59	<a href="#">WG2500829</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

GACO0425T050C018

Collected date/time: 04/25/25 11:40

## SAMPLE RESULTS - 02

L1852118

## 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
(S) 4-Bromofluorobenzene	99.0			67.0-138		04/26/2025 21:59	<a href="#">WG2500829</a>
(S) 1,2-Dichloroethane-d4	81.9			70.0-130		04/26/2025 21:59	<a href="#">WG2500829</a>

## 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		5.11	36.3	1	04/26/2025 20:42	<a href="#">WG2500746</a>
Benzidine	U		68.2	1820	1	04/26/2025 20:42	<a href="#">WG2500746</a>
Benzo(g,h,i)perylene	U		6.63	36.3	1	04/26/2025 20:42	<a href="#">WG2500746</a>
Bis(2-chlorethoxy)methane	U		10.9	363	1	04/26/2025 20:42	<a href="#">WG2500746</a>
Bis(2-chloroethyl)ether	U		12.0	363	1	04/26/2025 20:42	<a href="#">WG2500746</a>
2,2-Oxybis(1-Chloropropane)	U		15.7	363	1	04/26/2025 20:42	<a href="#">WG2500746</a>
4-Bromophenyl-phenylether	U		12.7	363	1	04/26/2025 20:42	<a href="#">WG2500746</a>
2-Chloronaphthalene	U		6.37	36.3	1	04/26/2025 20:42	<a href="#">WG2500746</a>
4-Chlorophenyl-phenylether	U		12.6	363	1	04/26/2025 20:42	<a href="#">WG2500746</a>
1,2-Dichlorobenzene	U		10.7	363	1	04/26/2025 20:42	<a href="#">WG2500746</a>
1,3-Dichlorobenzene	U		11.0	363	1	04/26/2025 20:42	<a href="#">WG2500746</a>
1,4-Dichlorobenzene	U		10.8	363	1	04/26/2025 20:42	<a href="#">WG2500746</a>
3,3-Dichlorobenzidine	U		13.4	363	1	04/26/2025 20:42	<a href="#">WG2500746</a>
2,4-Dinitrotoluene	U		10.4	363	1	04/26/2025 20:42	<a href="#">WG2500746</a>
2,6-Dinitrotoluene	U		11.9	363	1	04/26/2025 20:42	<a href="#">WG2500746</a>
Hexachlorobenzene	U		12.8	363	1	04/26/2025 20:42	<a href="#">WG2500746</a>
Hexachloro-1,3-butadiene	U		12.2	363	1	04/26/2025 20:42	<a href="#">WG2500746</a>
Hexachlorocyclopentadiene	U	<a href="#">C7</a>	19.1	363	1	04/26/2025 20:42	<a href="#">WG2500746</a>
Hexachloroethane	U		14.3	363	1	04/26/2025 20:42	<a href="#">WG2500746</a>
Isophorone	U		11.1	363	1	04/26/2025 20:42	<a href="#">WG2500746</a>
Nitrobenzene	U		12.6	363	1	04/26/2025 20:42	<a href="#">WG2500746</a>
n-Nitrosodimethylamine	U		53.8	363	1	04/26/2025 20:42	<a href="#">WG2500746</a>
n-Nitrosodiphenylamine	U		27.4	363	1	04/26/2025 20:42	<a href="#">WG2500746</a>
n-Nitrosodi-n-propylamine	U		12.1	363	1	04/26/2025 20:42	<a href="#">WG2500746</a>
Phenanthrene	U		7.20	36.3	1	04/26/2025 20:42	<a href="#">WG2500746</a>
Benzylbutyl phthalate	U		11.3	363	1	04/26/2025 20:42	<a href="#">WG2500746</a>
Bis(2-ethylhexyl)phthalate	U		46.0	363	1	04/26/2025 20:42	<a href="#">WG2500746</a>
Di-n-butyl phthalate	U		12.4	363	1	04/26/2025 20:42	<a href="#">WG2500746</a>
Diethyl phthalate	U		12.0	363	1	04/26/2025 20:42	<a href="#">WG2500746</a>
Dimethyl phthalate	U		76.9	363	1	04/26/2025 20:42	<a href="#">WG2500746</a>
Di-n-octyl phthalate	U		24.5	363	1	04/26/2025 20:42	<a href="#">WG2500746</a>
1,2,4-Trichlorobenzene	U		11.3	363	1	04/26/2025 20:42	<a href="#">WG2500746</a>
4-Chloro-3-methylphenol	U		11.8	363	1	04/26/2025 20:42	<a href="#">WG2500746</a>
2-Chlorophenol	U		12.0	363	1	04/26/2025 20:42	<a href="#">WG2500746</a>
2,4-Dichlorophenol	U		10.6	363	1	04/26/2025 20:42	<a href="#">WG2500746</a>
2,4-Dimethylphenol	U		9.47	363	1	04/26/2025 20:42	<a href="#">WG2500746</a>
4,6-Dinitro-2-methylphenol	U		82.2	363	1	04/26/2025 20:42	<a href="#">WG2500746</a>
2,4-Dinitrophenol	U		84.8	363	1	04/26/2025 20:42	<a href="#">WG2500746</a>
2-Nitrophenol	U		13.0	363	1	04/26/2025 20:42	<a href="#">WG2500746</a>
4-Nitrophenol	U		11.3	363	1	04/26/2025 20:42	<a href="#">WG2500746</a>
Pentachlorophenol	U		9.76	363	1	04/26/2025 20:42	<a href="#">WG2500746</a>
Phenol	U		14.6	363	1	04/26/2025 20:42	<a href="#">WG2500746</a>
2,4,6-Trichlorophenol	U		11.7	363	1	04/26/2025 20:42	<a href="#">WG2500746</a>
(S) 2-Fluorophenol	71.9			12.0-120		04/26/2025 20:42	<a href="#">WG2500746</a>
(S) Phenol-d5	64.4			10.0-120		04/26/2025 20:42	<a href="#">WG2500746</a>
(S) Nitrobenzene-d5	66.3			10.0-122		04/26/2025 20:42	<a href="#">WG2500746</a>
(S) 2-Fluorobiphenyl	71.2			15.0-120		04/26/2025 20:42	<a href="#">WG2500746</a>
(S) 2,4,6-Tribromophenol	77.5			10.0-127		04/26/2025 20:42	<a href="#">WG2500746</a>
(S) p-Terphenyl-d14	71.2			10.0-120		04/26/2025 20:42	<a href="#">WG2500746</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Calculated Results

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg	ug/kg		date / time	
Total Nitrogen	1440000		3260	108000	1	04/28/2025 00:37	<a href="#">WG2500830</a>

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	92.9		1	04/26/2025 15:28	<a href="#">WG2500731</a>

Wet Chemistry by Method 350.1

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg	ug/kg		date / time	
Ammonia Nitrogen	U		7740	10800	1	04/27/2025 21:24	<a href="#">WG2500943</a>

Wet Chemistry by Method 4500NOrg D-2021

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg	ug/kg		date / time	
Kjeldahl Nitrogen, TKN	1390000		164000	215000	10	04/28/2025 00:37	<a href="#">WG2501020</a>

Wet Chemistry by Method 9056A

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg	ug/kg		date / time	
Nitrate-Nitrite	46500	J	3260	108000	5	04/26/2025 21:08	<a href="#">WG2500830</a>

Sample Narrative:

L1852118-03 WG2500830: Dilution due to matrix impact on instrumentation at lower dilution

Wet Chemistry by Method WALKLEY-BLACK

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg	ug/kg		date / time	
TOC By Walkley Black	18000000		128000	500000	5	04/27/2025 15:17	<a href="#">WG2500756</a>

Metals (ICP) by Method 6010D

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg	ug/kg		date / time	
Aluminum	4490000		6540	21500	1	04/26/2025 23:42	<a href="#">WG2500776</a>
Antimony	U		744	2150	1	04/26/2025 23:42	<a href="#">WG2500776</a>
Beryllium	500		51.3	215	1	04/26/2025 23:42	<a href="#">WG2500776</a>
Calcium	22300000		20400	108000	1	04/26/2025 23:42	<a href="#">WG2500776</a>
Cobalt	3990		190	1080	1	04/26/2025 23:42	<a href="#">WG2500776</a>
Iron	7790000		2410	10800	1	04/26/2025 23:42	<a href="#">WG2500776</a>
Magnesium	2710000		21400	108000	1	04/26/2025 23:42	<a href="#">WG2500776</a>
Manganese	236000		186	1080	1	04/26/2025 23:42	<a href="#">WG2500776</a>
Potassium	1650000		22500	108000	1	04/26/2025 23:42	<a href="#">WG2500776</a>
Sodium	152000		44300	108000	1	04/26/2025 23:42	<a href="#">WG2500776</a>
Thallium	U		557	2150	1	04/26/2025 23:42	<a href="#">WG2500776</a>
Vanadium	13000		412	2150	1	04/26/2025 23:42	<a href="#">WG2500776</a>

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg	ug/kg		date / time	
Acetone	U	C3	42.1	57.6	1	04/26/2025 22:19	<a href="#">WG2500829</a>
Acrylonitrile	U	C3	4.16	14.4	1	04/26/2025 22:19	<a href="#">WG2500829</a>
Bromobenzene	U		1.04	14.4	1	04/26/2025 22:19	<a href="#">WG2500829</a>

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

GACO0425T050S014

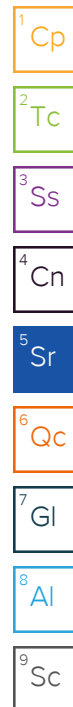
Collected date/time: 04/25/25 10:15

## SAMPLE RESULTS - 03

L1852118

## 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
Bromodichloromethane	U		0.836	2.88	1	04/26/2025 22:19	<a href="#">WG2500829</a>
Bromoform	U		1.35	28.8	1	04/26/2025 22:19	<a href="#">WG2500829</a>
Bromomethane	2.82	<a href="#">C3 J</a>	2.27	14.4	1	04/26/2025 22:19	<a href="#">WG2500829</a>
n-Butylbenzene	U		6.05	14.4	1	04/26/2025 22:19	<a href="#">WG2500829</a>
sec-Butylbenzene	U		3.32	14.4	1	04/26/2025 22:19	<a href="#">WG2500829</a>
tert-Butylbenzene	U		2.25	5.76	1	04/26/2025 22:19	<a href="#">WG2500829</a>
Carbon tetrachloride	U		1.03	5.76	1	04/26/2025 22:19	<a href="#">WG2500829</a>
Chlorobenzene	U		0.242	2.88	1	04/26/2025 22:19	<a href="#">WG2500829</a>
Chlorodibromomethane	U		0.705	2.88	1	04/26/2025 22:19	<a href="#">WG2500829</a>
Chloroethane	U		1.96	5.76	1	04/26/2025 22:19	<a href="#">WG2500829</a>
Chloroform	U		1.19	2.88	1	04/26/2025 22:19	<a href="#">WG2500829</a>
Chloromethane	U	<a href="#">C3</a>	5.01	14.4	1	04/26/2025 22:19	<a href="#">WG2500829</a>
2-Chlorotoluene	U		0.997	2.88	1	04/26/2025 22:19	<a href="#">WG2500829</a>
4-Chlorotoluene	U		0.519	5.76	1	04/26/2025 22:19	<a href="#">WG2500829</a>
1,2-Dibromo-3-Chloropropane	U		4.49	28.8	1	04/26/2025 22:19	<a href="#">WG2500829</a>
1,2-Dibromoethane	U		0.747	2.88	1	04/26/2025 22:19	<a href="#">WG2500829</a>
Dibromomethane	U		0.864	5.76	1	04/26/2025 22:19	<a href="#">WG2500829</a>
1,2-Dichlorobenzene	U		0.490	5.76	1	04/26/2025 22:19	<a href="#">WG2500829</a>
1,3-Dichlorobenzene	U		0.691	5.76	1	04/26/2025 22:19	<a href="#">WG2500829</a>
1,4-Dichlorobenzene	U		0.807	5.76	1	04/26/2025 22:19	<a href="#">WG2500829</a>
Dichlorodifluoromethane	U		1.86	5.76	1	04/26/2025 22:19	<a href="#">WG2500829</a>
1,1-Dichloroethane	U	<a href="#">C3</a>	0.566	2.88	1	04/26/2025 22:19	<a href="#">WG2500829</a>
1,2-Dichloroethane	U	<a href="#">C3</a>	0.748	2.88	1	04/26/2025 22:19	<a href="#">WG2500829</a>
1,1-Dichloroethene	U	<a href="#">C3</a>	0.698	2.88	1	04/26/2025 22:19	<a href="#">WG2500829</a>
cis-1,2-Dichloroethene	U		0.846	2.88	1	04/26/2025 22:19	<a href="#">WG2500829</a>
trans-1,2-Dichloroethene	U		1.20	5.76	1	04/26/2025 22:19	<a href="#">WG2500829</a>
1,2-Dichloropropane	U		1.64	5.76	1	04/26/2025 22:19	<a href="#">WG2500829</a>
1,1-Dichloropropene	U		0.932	2.88	1	04/26/2025 22:19	<a href="#">WG2500829</a>
1,3-Dichloropropane	U		0.577	5.76	1	04/26/2025 22:19	<a href="#">WG2500829</a>
cis-1,3-Dichloropropene	U		0.872	2.88	1	04/26/2025 22:19	<a href="#">WG2500829</a>
trans-1,3-Dichloropropene	U		1.31	5.76	1	04/26/2025 22:19	<a href="#">WG2500829</a>
2,2-Dichloropropane	U		1.59	2.88	1	04/26/2025 22:19	<a href="#">WG2500829</a>
Di-isopropyl ether	U	<a href="#">C3</a>	0.473	1.15	1	04/26/2025 22:19	<a href="#">WG2500829</a>
Hexachloro-1,3-butadiene	U		6.91	28.8	1	04/26/2025 22:19	<a href="#">WG2500829</a>
Isopropylbenzene	U		0.490	2.88	1	04/26/2025 22:19	<a href="#">WG2500829</a>
p-Isopropyltoluene	U		2.94	5.76	1	04/26/2025 22:19	<a href="#">WG2500829</a>
2-Butanone (MEK)	U	<a href="#">C3</a>	73.2	115	1	04/26/2025 22:19	<a href="#">WG2500829</a>
Methylene Chloride	U		7.65	28.8	1	04/26/2025 22:19	<a href="#">WG2500829</a>
4-Methyl-2-pentanone (MIBK)	U		2.63	28.8	1	04/26/2025 22:19	<a href="#">WG2500829</a>
Methyl tert-butyl ether	U		0.403	1.15	1	04/26/2025 22:19	<a href="#">WG2500829</a>
n-Propylbenzene	U		1.09	5.76	1	04/26/2025 22:19	<a href="#">WG2500829</a>
Styrene	U		0.264	14.4	1	04/26/2025 22:19	<a href="#">WG2500829</a>
1,1,1,2-Tetrachloroethane	U		1.09	2.88	1	04/26/2025 22:19	<a href="#">WG2500829</a>
1,1,2,2-Tetrachloroethane	U		0.801	2.88	1	04/26/2025 22:19	<a href="#">WG2500829</a>
1,1,2-Trichlorotrifluoroethane	U		0.869	2.88	1	04/26/2025 22:19	<a href="#">WG2500829</a>
Tetrachloroethene	U		1.03	2.88	1	04/26/2025 22:19	<a href="#">WG2500829</a>
1,2,3-Trichlorobenzene	U		8.45	14.4	1	04/26/2025 22:19	<a href="#">WG2500829</a>
1,2,4-Trichlorobenzene	U		5.07	14.4	1	04/26/2025 22:19	<a href="#">WG2500829</a>
1,1,1-Trichloroethane	U		1.06	2.88	1	04/26/2025 22:19	<a href="#">WG2500829</a>
1,1,2-Trichloroethane	U		0.688	2.88	1	04/26/2025 22:19	<a href="#">WG2500829</a>
Trichloroethene	U		0.673	1.15	1	04/26/2025 22:19	<a href="#">WG2500829</a>
Trichlorofluoromethane	U		0.953	2.88	1	04/26/2025 22:19	<a href="#">WG2500829</a>
1,2,3-Trichloropropane	U		1.87	14.4	1	04/26/2025 22:19	<a href="#">WG2500829</a>
1,2,3-Trimethylbenzene	U		1.82	5.76	1	04/26/2025 22:19	<a href="#">WG2500829</a>
Vinyl chloride	U	<a href="#">C3</a>	1.34	2.88	1	04/26/2025 22:19	<a href="#">WG2500829</a>
(S) Toluene-d8	113			75.0-131		04/26/2025 22:19	<a href="#">WG2500829</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
(S) 4-Bromofluorobenzene	98.7			67.0-138		04/26/2025 22:19	<a href="#">WG2500829</a>
(S) 1,2-Dichloroethane-d4	79.6			70.0-130		04/26/2025 22:19	<a href="#">WG2500829</a>

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		5.05	35.8	1	04/26/2025 21:03	<a href="#">WG2500746</a>
Benzidine	U		67.4	1800	1	04/26/2025 21:03	<a href="#">WG2500746</a>
Benzo(g,h,i)perylene	U		6.55	35.8	1	04/26/2025 21:03	<a href="#">WG2500746</a>
Bis(2-chlorethoxy)methane	U		10.8	358	1	04/26/2025 21:03	<a href="#">WG2500746</a>
Bis(2-chloroethyl)ether	U		11.8	358	1	04/26/2025 21:03	<a href="#">WG2500746</a>
2,2-Oxybis(1-Chloropropane)	U		15.5	358	1	04/26/2025 21:03	<a href="#">WG2500746</a>
4-Bromophenyl-phenylether	U		12.6	358	1	04/26/2025 21:03	<a href="#">WG2500746</a>
2-Chloronaphthalene	U		6.30	35.8	1	04/26/2025 21:03	<a href="#">WG2500746</a>
4-Chlorophenyl-phenylether	U		12.5	358	1	04/26/2025 21:03	<a href="#">WG2500746</a>
1,2-Dichlorobenzene	U		10.6	358	1	04/26/2025 21:03	<a href="#">WG2500746</a>
1,3-Dichlorobenzene	U		10.9	358	1	04/26/2025 21:03	<a href="#">WG2500746</a>
1,4-Dichlorobenzene	U		10.7	358	1	04/26/2025 21:03	<a href="#">WG2500746</a>
3,3-Dichlorobenzidine	U		13.2	358	1	04/26/2025 21:03	<a href="#">WG2500746</a>
2,4-Dinitrotoluene	U		10.3	358	1	04/26/2025 21:03	<a href="#">WG2500746</a>
2,6-Dinitrotoluene	U		11.7	358	1	04/26/2025 21:03	<a href="#">WG2500746</a>
Hexachlorobenzene	U		12.7	358	1	04/26/2025 21:03	<a href="#">WG2500746</a>
Hexachloro-1,3-butadiene	U		12.1	358	1	04/26/2025 21:03	<a href="#">WG2500746</a>
Hexachlorocyclopentadiene	U	<a href="#">C7</a>	18.8	358	1	04/26/2025 21:03	<a href="#">WG2500746</a>
Hexachloroethane	U		14.1	358	1	04/26/2025 21:03	<a href="#">WG2500746</a>
Isophorone	U		11.0	358	1	04/26/2025 21:03	<a href="#">WG2500746</a>
Nitrobenzene	U		12.5	358	1	04/26/2025 21:03	<a href="#">WG2500746</a>
n-Nitrosodimethylamine	U		53.2	358	1	04/26/2025 21:03	<a href="#">WG2500746</a>
n-Nitrosodiphenylamine	U		27.1	358	1	04/26/2025 21:03	<a href="#">WG2500746</a>
n-Nitrosodi-n-propylamine	U		11.9	358	1	04/26/2025 21:03	<a href="#">WG2500746</a>
Phenanthrene	U		7.11	35.8	1	04/26/2025 21:03	<a href="#">WG2500746</a>
Benzylbutyl phthalate	U		11.2	358	1	04/26/2025 21:03	<a href="#">WG2500746</a>
Bis(2-ethylhexyl)phthalate	U		45.4	358	1	04/26/2025 21:03	<a href="#">WG2500746</a>
Di-n-butyl phthalate	U		12.3	358	1	04/26/2025 21:03	<a href="#">WG2500746</a>
Diethyl phthalate	U		11.8	358	1	04/26/2025 21:03	<a href="#">WG2500746</a>
Dimethyl phthalate	U		76.0	358	1	04/26/2025 21:03	<a href="#">WG2500746</a>
Di-n-octyl phthalate	U		24.2	358	1	04/26/2025 21:03	<a href="#">WG2500746</a>
1,2,4-Trichlorobenzene	U		11.2	358	1	04/26/2025 21:03	<a href="#">WG2500746</a>
4-Chloro-3-methylphenol	U		11.6	358	1	04/26/2025 21:03	<a href="#">WG2500746</a>
2-Chlorophenol	U		11.8	358	1	04/26/2025 21:03	<a href="#">WG2500746</a>
2,4-Dichlorophenol	U		10.4	358	1	04/26/2025 21:03	<a href="#">WG2500746</a>
2,4-Dimethylphenol	U		9.36	358	1	04/26/2025 21:03	<a href="#">WG2500746</a>
4,6-Dinitro-2-methylphenol	U		81.3	358	1	04/26/2025 21:03	<a href="#">WG2500746</a>
2,4-Dinitrophenol	U		83.8	358	1	04/26/2025 21:03	<a href="#">WG2500746</a>
2-Nitrophenol	U		12.8	358	1	04/26/2025 21:03	<a href="#">WG2500746</a>
4-Nitrophenol	U		11.2	358	1	04/26/2025 21:03	<a href="#">WG2500746</a>
Pentachlorophenol	U		9.64	358	1	04/26/2025 21:03	<a href="#">WG2500746</a>
Phenol	U		14.4	358	1	04/26/2025 21:03	<a href="#">WG2500746</a>
2,4,6-Trichlorophenol	U		11.5	358	1	04/26/2025 21:03	<a href="#">WG2500746</a>
(S) 2-Fluorophenol	75.2			12.0-120		04/26/2025 21:03	<a href="#">WG2500746</a>
(S) Phenol-d5	68.1			10.0-120		04/26/2025 21:03	<a href="#">WG2500746</a>
(S) Nitrobenzene-d5	70.7			10.0-122		04/26/2025 21:03	<a href="#">WG2500746</a>
(S) 2-Fluorobiphenyl	72.2			15.0-120		04/26/2025 21:03	<a href="#">WG2500746</a>
(S) 2,4,6-Tribromophenol	81.4			10.0-127		04/26/2025 21:03	<a href="#">WG2500746</a>
(S) p-Terphenyl-d14	77.0			10.0-120		04/26/2025 21:03	<a href="#">WG2500746</a>

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

Qc

7

Gl

8

Al

9

Sc



Calculated Results

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg	ug/kg		date / time	
Total Nitrogen	1550000		655	21600	1	04/28/2025 00:38	<a href="#">WG2500830</a>

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	92.5		1	04/26/2025 17:28	<a href="#">WG2500848</a>

Wet Chemistry by Method 350.1

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg	ug/kg		date / time	
Ammonia Nitrogen	U		7770	10800	1	04/27/2025 21:25	<a href="#">WG2500943</a>

Wet Chemistry by Method 4500NOrg D-2021

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg	ug/kg		date / time	
Kjeldahl Nitrogen, TKN	1530000		164000	216000	10	04/28/2025 00:38	<a href="#">WG2501020</a>

Wet Chemistry by Method 9056A

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg	ug/kg		date / time	
Nitrate-Nitrite	12600	J	655	21600	1	04/26/2025 21:21	<a href="#">WG2500830</a>

Wet Chemistry by Method WALKLEY-BLACK

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg	ug/kg		date / time	
TOC By Walkley Black	13400000		102000	400000	4	04/27/2025 15:17	<a href="#">WG2500756</a>

Metals (ICP) by Method 6010D

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg	ug/kg		date / time	
Aluminum	4450000		6570	21600	1	04/26/2025 23:48	<a href="#">WG2500776</a>
Antimony	U		747	2160	1	04/26/2025 23:48	<a href="#">WG2500776</a>
Beryllium	466		51.5	216	1	04/26/2025 23:48	<a href="#">WG2500776</a>
Calcium	6190000		20500	108000	1	04/26/2025 23:48	<a href="#">WG2500776</a>
Cobalt	3670		191	1080	1	04/26/2025 23:48	<a href="#">WG2500776</a>
Iron	7010000		2420	10800	1	04/26/2025 23:48	<a href="#">WG2500776</a>
Magnesium	2080000		21500	108000	1	04/26/2025 23:48	<a href="#">WG2500776</a>
Manganese	228000		187	1080	1	04/26/2025 23:48	<a href="#">WG2500776</a>
Potassium	1630000		22600	108000	1	04/26/2025 23:48	<a href="#">WG2500776</a>
Sodium	116000		44500	108000	1	04/26/2025 23:48	<a href="#">WG2500776</a>
Thallium	U		560	2160	1	04/26/2025 23:48	<a href="#">WG2500776</a>
Vanadium	12700		414	2160	1	04/26/2025 23:48	<a href="#">WG2500776</a>

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg	ug/kg		date / time	
Acetone	U	C3	42.4	58.1	1	04/26/2025 22:39	<a href="#">WG2500829</a>
Acrylonitrile	U	C3	4.19	14.5	1	04/26/2025 22:39	<a href="#">WG2500829</a>
Bromobenzene	U		1.05	14.5	1	04/26/2025 22:39	<a href="#">WG2500829</a>
Bromodichloromethane	U		0.842	2.90	1	04/26/2025 22:39	<a href="#">WG2500829</a>
Bromoform	U		1.36	29.0	1	04/26/2025 22:39	<a href="#">WG2500829</a>
Bromomethane	U	C3	2.29	14.5	1	04/26/2025 22:39	<a href="#">WG2500829</a>

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

GACO0425T050S015

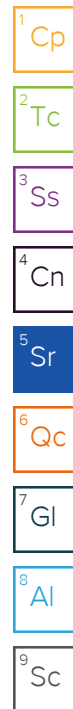
Collected date/time: 04/25/25 10:35

## SAMPLE RESULTS - 04

L1852118

## 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		6.10	14.5	1	04/26/2025 22:39	<a href="#">WG2500829</a>
sec-Butylbenzene	U		3.35	14.5	1	04/26/2025 22:39	<a href="#">WG2500829</a>
tert-Butylbenzene	U		2.27	5.81	1	04/26/2025 22:39	<a href="#">WG2500829</a>
Carbon tetrachloride	U		1.04	5.81	1	04/26/2025 22:39	<a href="#">WG2500829</a>
Chlorobenzene	U		0.244	2.90	1	04/26/2025 22:39	<a href="#">WG2500829</a>
Chlorodibromomethane	U		0.711	2.90	1	04/26/2025 22:39	<a href="#">WG2500829</a>
Chloroethane	U		1.97	5.81	1	04/26/2025 22:39	<a href="#">WG2500829</a>
Chloroform	U		1.20	2.90	1	04/26/2025 22:39	<a href="#">WG2500829</a>
Chloromethane	U	<a href="#">C3</a>	5.05	14.5	1	04/26/2025 22:39	<a href="#">WG2500829</a>
2-Chlorotoluene	U		1.00	2.90	1	04/26/2025 22:39	<a href="#">WG2500829</a>
4-Chlorotoluene	U		0.523	5.81	1	04/26/2025 22:39	<a href="#">WG2500829</a>
1,2-Dibromo-3-Chloropropane	U		4.53	29.0	1	04/26/2025 22:39	<a href="#">WG2500829</a>
1,2-Dibromoethane	U		0.753	2.90	1	04/26/2025 22:39	<a href="#">WG2500829</a>
Dibromomethane	U		0.871	5.81	1	04/26/2025 22:39	<a href="#">WG2500829</a>
1,2-Dichlorobenzene	U		0.494	5.81	1	04/26/2025 22:39	<a href="#">WG2500829</a>
1,3-Dichlorobenzene	U		0.697	5.81	1	04/26/2025 22:39	<a href="#">WG2500829</a>
1,4-Dichlorobenzene	U		0.813	5.81	1	04/26/2025 22:39	<a href="#">WG2500829</a>
Dichlorodifluoromethane	U		1.87	5.81	1	04/26/2025 22:39	<a href="#">WG2500829</a>
1,1-Dichloroethane	U	<a href="#">C3</a>	0.570	2.90	1	04/26/2025 22:39	<a href="#">WG2500829</a>
1,2-Dichloroethane	U	<a href="#">C3</a>	0.754	2.90	1	04/26/2025 22:39	<a href="#">WG2500829</a>
1,1-Dichloroethene	U	<a href="#">C3</a>	0.704	2.90	1	04/26/2025 22:39	<a href="#">WG2500829</a>
cis-1,2-Dichloroethene	U		0.853	2.90	1	04/26/2025 22:39	<a href="#">WG2500829</a>
trans-1,2-Dichloroethene	U		1.21	5.81	1	04/26/2025 22:39	<a href="#">WG2500829</a>
1,2-Dichloropropane	U		1.65	5.81	1	04/26/2025 22:39	<a href="#">WG2500829</a>
1,1-Dichloropropene	U		0.940	2.90	1	04/26/2025 22:39	<a href="#">WG2500829</a>
1,3-Dichloropropane	U		0.582	5.81	1	04/26/2025 22:39	<a href="#">WG2500829</a>
cis-1,3-Dichloropropene	U		0.879	2.90	1	04/26/2025 22:39	<a href="#">WG2500829</a>
trans-1,3-Dichloropropene	U		1.32	5.81	1	04/26/2025 22:39	<a href="#">WG2500829</a>
2,2-Dichloropropane	U		1.60	2.90	1	04/26/2025 22:39	<a href="#">WG2500829</a>
Di-isopropyl ether	U	<a href="#">C3</a>	0.476	1.16	1	04/26/2025 22:39	<a href="#">WG2500829</a>
Hexachloro-1,3-butadiene	U		6.97	29.0	1	04/26/2025 22:39	<a href="#">WG2500829</a>
Isopropylbenzene	U		0.494	2.90	1	04/26/2025 22:39	<a href="#">WG2500829</a>
p-Isopropyltoluene	U		2.96	5.81	1	04/26/2025 22:39	<a href="#">WG2500829</a>
2-Butanone (MEK)	U	<a href="#">C3</a>	73.8	116	1	04/26/2025 22:39	<a href="#">WG2500829</a>
Methylene Chloride	U		7.71	29.0	1	04/26/2025 22:39	<a href="#">WG2500829</a>
4-Methyl-2-pentanone (MIBK)	U		2.65	29.0	1	04/26/2025 22:39	<a href="#">WG2500829</a>
Methyl tert-butyl ether	U		0.407	1.16	1	04/26/2025 22:39	<a href="#">WG2500829</a>
n-Propylbenzene	U		1.10	5.81	1	04/26/2025 22:39	<a href="#">WG2500829</a>
Styrene	U		0.266	14.5	1	04/26/2025 22:39	<a href="#">WG2500829</a>
1,1,1,2-Tetrachloroethane	U		1.10	2.90	1	04/26/2025 22:39	<a href="#">WG2500829</a>
1,1,2,2-Tetrachloroethane	U		0.807	2.90	1	04/26/2025 22:39	<a href="#">WG2500829</a>
1,1,2-Trichlorotrifluoroethane	U		0.876	2.90	1	04/26/2025 22:39	<a href="#">WG2500829</a>
Tetrachloroethene	U		1.04	2.90	1	04/26/2025 22:39	<a href="#">WG2500829</a>
1,2,3-Trichlorobenzene	U		8.51	14.5	1	04/26/2025 22:39	<a href="#">WG2500829</a>
1,2,4-Trichlorobenzene	U		5.11	14.5	1	04/26/2025 22:39	<a href="#">WG2500829</a>
1,1,1-Trichloroethane	U		1.07	2.90	1	04/26/2025 22:39	<a href="#">WG2500829</a>
1,1,2-Trichloroethane	U		0.693	2.90	1	04/26/2025 22:39	<a href="#">WG2500829</a>
Trichloroethene	U		0.678	1.16	1	04/26/2025 22:39	<a href="#">WG2500829</a>
Trichlorofluoromethane	U		0.961	2.90	1	04/26/2025 22:39	<a href="#">WG2500829</a>
1,2,3-Trichloropropane	U		1.88	14.5	1	04/26/2025 22:39	<a href="#">WG2500829</a>
1,2,3-Trimethylbenzene	U		1.84	5.81	1	04/26/2025 22:39	<a href="#">WG2500829</a>
Vinyl chloride	U	<a href="#">C3</a>	1.35	2.90	1	04/26/2025 22:39	<a href="#">WG2500829</a>
(S) Toluene-d8	110			75.0-131		04/26/2025 22:39	<a href="#">WG2500829</a>
(S) 4-Bromofluorobenzene	97.9			67.0-138		04/26/2025 22:39	<a href="#">WG2500829</a>
(S) 1,2-Dichloroethane-d4	80.3			70.0-130		04/26/2025 22:39	<a href="#">WG2500829</a>



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		5.07	36.0	1	04/26/2025 21:23	WG2500746
Benzidine	U		67.7	1800	1	04/26/2025 21:23	WG2500746
Benzo(g,h,i)perylene	U		6.58	36.0	1	04/26/2025 21:23	WG2500746
Bis(2-chlorethoxy)methane	U		10.8	360	1	04/26/2025 21:23	WG2500746
Bis(2-chloroethyl)ether	U		11.9	360	1	04/26/2025 21:23	WG2500746
2,2-Oxybis(1-Chloropropane)	U		15.6	360	1	04/26/2025 21:23	WG2500746
4-Bromophenyl-phenylether	U		12.6	360	1	04/26/2025 21:23	WG2500746
2-Chloronaphthalene	U		6.32	36.0	1	04/26/2025 21:23	WG2500746
4-Chlorophenyl-phenylether	U		12.5	360	1	04/26/2025 21:23	WG2500746
1,2-Dichlorobenzene	U		10.7	360	1	04/26/2025 21:23	WG2500746
1,3-Dichlorobenzene	U		10.9	360	1	04/26/2025 21:23	WG2500746
1,4-Dichlorobenzene	U		10.7	360	1	04/26/2025 21:23	WG2500746
3,3-Dichlorobenzidine	U		13.3	360	1	04/26/2025 21:23	WG2500746
2,4-Dinitrotoluene	U		10.3	360	1	04/26/2025 21:23	WG2500746
2,6-Dinitrotoluene	U		11.8	360	1	04/26/2025 21:23	WG2500746
Hexachlorobenzene	U		12.8	360	1	04/26/2025 21:23	WG2500746
Hexachloro-1,3-butadiene	U		12.1	360	1	04/26/2025 21:23	WG2500746
Hexachlorocyclopentadiene	U	C7	18.9	360	1	04/26/2025 21:23	WG2500746
Hexachloroethane	U		14.2	360	1	04/26/2025 21:23	WG2500746
Isophorone	U		11.0	360	1	04/26/2025 21:23	WG2500746
Nitrobenzene	U		12.5	360	1	04/26/2025 21:23	WG2500746
n-Nitrosodimethylamine	U		53.4	360	1	04/26/2025 21:23	WG2500746
n-Nitrosodiphenylamine	U		27.2	360	1	04/26/2025 21:23	WG2500746
n-Nitrosodi-n-propylamine	U		12.0	360	1	04/26/2025 21:23	WG2500746
Phenanthrene	U		7.14	36.0	1	04/26/2025 21:23	WG2500746
Benzylbutyl phthalate	U		11.2	360	1	04/26/2025 21:23	WG2500746
Bis(2-ethylhexyl)phthalate	U		45.6	360	1	04/26/2025 21:23	WG2500746
Di-n-butyl phthalate	U		12.3	360	1	04/26/2025 21:23	WG2500746
Diethyl phthalate	U		11.9	360	1	04/26/2025 21:23	WG2500746
Dimethyl phthalate	U		76.3	360	1	04/26/2025 21:23	WG2500746
Di-n-octyl phthalate	U		24.3	360	1	04/26/2025 21:23	WG2500746
1,2,4-Trichlorobenzene	U		11.2	360	1	04/26/2025 21:23	WG2500746
4-Chloro-3-methylphenol	U		11.7	360	1	04/26/2025 21:23	WG2500746
2-Chlorophenol	U		11.9	360	1	04/26/2025 21:23	WG2500746
2,4-Dichlorophenol	U		10.5	360	1	04/26/2025 21:23	WG2500746
2,4-Dimethylphenol	U		9.40	360	1	04/26/2025 21:23	WG2500746
4,6-Dinitro-2-methylphenol	U		81.6	360	1	04/26/2025 21:23	WG2500746
2,4-Dinitrophenol	U		84.2	360	1	04/26/2025 21:23	WG2500746
2-Nitrophenol	U		12.9	360	1	04/26/2025 21:23	WG2500746
4-Nitrophenol	U		11.2	360	1	04/26/2025 21:23	WG2500746
Pentachlorophenol	U		9.68	360	1	04/26/2025 21:23	WG2500746
Phenol	U		14.5	360	1	04/26/2025 21:23	WG2500746
2,4,6-Trichlorophenol	U		11.6	360	1	04/26/2025 21:23	WG2500746
(S) 2-Fluorophenol	72.2			12.0-120		04/26/2025 21:23	WG2500746
(S) Phenol-d5	64.4			10.0-120		04/26/2025 21:23	WG2500746
(S) Nitrobenzene-d5	69.1			10.0-122		04/26/2025 21:23	WG2500746
(S) 2-Fluorobiphenyl	67.6			15.0-120		04/26/2025 21:23	WG2500746
(S) 2,4,6-Tribromophenol	80.1			10.0-127		04/26/2025 21:23	WG2500746
(S) p-Terphenyl-d14	75.2			10.0-120		04/26/2025 21:23	WG2500746

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Calculated Results

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg	ug/kg		date / time	
Total Nitrogen	1390000		670	22100	1	04/28/2025 00:39	<a href="#">WG2500830</a>

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	90.4		1	04/26/2025 17:28	<a href="#">WG2500848</a>

Wet Chemistry by Method 350.1

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg	ug/kg		date / time	
Ammonia Nitrogen	U		7950	11100	1	04/27/2025 21:27	<a href="#">WG2500943</a>

Wet Chemistry by Method 4500NOrg D-2021

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg	ug/kg		date / time	
Kjeldahl Nitrogen, TKN	1380000		168000	221000	10	04/28/2025 00:39	<a href="#">WG2501020</a>

Wet Chemistry by Method 9056A

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg	ug/kg		date / time	
Nitrate-Nitrite	19500	J	670	22100	1	04/26/2025 21:34	<a href="#">WG2500830</a>

Wet Chemistry by Method WALKLEY-BLACK

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg	ug/kg		date / time	
TOC By Walkley Black	14600000		128000	500000	5	04/27/2025 15:17	<a href="#">WG2500756</a>

Metals (ICP) by Method 6010D

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg	ug/kg		date / time	
Aluminum	4610000		6720	22100	1	04/26/2025 23:50	<a href="#">WG2500776</a>
Antimony	U		764	2210	1	04/26/2025 23:50	<a href="#">WG2500776</a>
Beryllium	492		52.7	221	1	04/26/2025 23:50	<a href="#">WG2500776</a>
Calcium	8680000		21000	111000	1	04/26/2025 23:50	<a href="#">WG2500776</a>
Cobalt	3830		196	1110	1	04/26/2025 23:50	<a href="#">WG2500776</a>
Iron	7950000		2480	11100	1	04/26/2025 23:50	<a href="#">WG2500776</a>
Magnesium	2000000		22000	111000	1	04/26/2025 23:50	<a href="#">WG2500776</a>
Manganese	236000		191	1110	1	04/26/2025 23:50	<a href="#">WG2500776</a>
Potassium	1470000		23100	111000	1	04/26/2025 23:50	<a href="#">WG2500776</a>
Sodium	140000		45600	111000	1	04/26/2025 23:50	<a href="#">WG2500776</a>
Thallium	U		573	2210	1	04/26/2025 23:50	<a href="#">WG2500776</a>
Vanadium	14100		423	2210	1	04/26/2025 23:50	<a href="#">WG2500776</a>

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg	ug/kg		date / time	
Acetone	U	C3	44.2	60.6	1	04/26/2025 22:59	<a href="#">WG2500829</a>
Acrylonitrile	U	C3	4.37	15.1	1	04/26/2025 22:59	<a href="#">WG2500829</a>
Bromobenzene	U		1.09	15.1	1	04/26/2025 22:59	<a href="#">WG2500829</a>
Bromodichloromethane	U		0.878	3.03	1	04/26/2025 22:59	<a href="#">WG2500829</a>
Bromoform	U		1.42	30.3	1	04/26/2025 22:59	<a href="#">WG2500829</a>
Bromomethane	2.85	C3 J	2.39	15.1	1	04/26/2025 22:59	<a href="#">WG2500829</a>

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

GACO0425T050S013

Collected date/time: 04/25/25 10:00

## SAMPLE RESULTS - 05

L1852118

## 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		6.36	15.1	1	04/26/2025 22:59	<a href="#">WG2500829</a>
sec-Butylbenzene	U		3.49	15.1	1	04/26/2025 22:59	<a href="#">WG2500829</a>
tert-Butylbenzene	U		2.36	6.06	1	04/26/2025 22:59	<a href="#">WG2500829</a>
Carbon tetrachloride	U		1.09	6.06	1	04/26/2025 22:59	<a href="#">WG2500829</a>
Chlorobenzene	U		0.254	3.03	1	04/26/2025 22:59	<a href="#">WG2500829</a>
Chlorodibromomethane	U		0.741	3.03	1	04/26/2025 22:59	<a href="#">WG2500829</a>
Chloroethane	U		2.06	6.06	1	04/26/2025 22:59	<a href="#">WG2500829</a>
Chloroform	U		1.25	3.03	1	04/26/2025 22:59	<a href="#">WG2500829</a>
Chloromethane	U	<a href="#">C3</a>	5.27	15.1	1	04/26/2025 22:59	<a href="#">WG2500829</a>
2-Chlorotoluene	U		1.05	3.03	1	04/26/2025 22:59	<a href="#">WG2500829</a>
4-Chlorotoluene	U		0.545	6.06	1	04/26/2025 22:59	<a href="#">WG2500829</a>
1,2-Dibromo-3-Chloropropane	U		4.73	30.3	1	04/26/2025 22:59	<a href="#">WG2500829</a>
1,2-Dibromoethane	U		0.785	3.03	1	04/26/2025 22:59	<a href="#">WG2500829</a>
Dibromomethane	U		0.909	6.06	1	04/26/2025 22:59	<a href="#">WG2500829</a>
1,2-Dichlorobenzene	U		0.515	6.06	1	04/26/2025 22:59	<a href="#">WG2500829</a>
1,3-Dichlorobenzene	U		0.727	6.06	1	04/26/2025 22:59	<a href="#">WG2500829</a>
1,4-Dichlorobenzene	U		0.848	6.06	1	04/26/2025 22:59	<a href="#">WG2500829</a>
Dichlorodifluoromethane	U		1.95	6.06	1	04/26/2025 22:59	<a href="#">WG2500829</a>
1,1-Dichloroethane	U	<a href="#">C3</a>	0.595	3.03	1	04/26/2025 22:59	<a href="#">WG2500829</a>
1,2-Dichloroethane	U	<a href="#">C3</a>	0.786	3.03	1	04/26/2025 22:59	<a href="#">WG2500829</a>
1,1-Dichloroethene	U	<a href="#">C3</a>	0.734	3.03	1	04/26/2025 22:59	<a href="#">WG2500829</a>
cis-1,2-Dichloroethene	U		0.889	3.03	1	04/26/2025 22:59	<a href="#">WG2500829</a>
trans-1,2-Dichloroethene	U		1.26	6.06	1	04/26/2025 22:59	<a href="#">WG2500829</a>
1,2-Dichloropropane	U		1.72	6.06	1	04/26/2025 22:59	<a href="#">WG2500829</a>
1,1-Dichloropropene	U		0.980	3.03	1	04/26/2025 22:59	<a href="#">WG2500829</a>
1,3-Dichloropropane	U		0.607	6.06	1	04/26/2025 22:59	<a href="#">WG2500829</a>
cis-1,3-Dichloropropene	U		0.917	3.03	1	04/26/2025 22:59	<a href="#">WG2500829</a>
trans-1,3-Dichloropropene	U		1.38	6.06	1	04/26/2025 22:59	<a href="#">WG2500829</a>
2,2-Dichloropropane	U		1.67	3.03	1	04/26/2025 22:59	<a href="#">WG2500829</a>
Di-isopropyl ether	U	<a href="#">C3</a>	0.497	1.21	1	04/26/2025 22:59	<a href="#">WG2500829</a>
Hexachloro-1,3-butadiene	U		7.27	30.3	1	04/26/2025 22:59	<a href="#">WG2500829</a>
Isopropylbenzene	U		0.515	3.03	1	04/26/2025 22:59	<a href="#">WG2500829</a>
p-Isopropyltoluene	U		3.09	6.06	1	04/26/2025 22:59	<a href="#">WG2500829</a>
2-Butanone (MEK)	U	<a href="#">C3</a>	76.9	121	1	04/26/2025 22:59	<a href="#">WG2500829</a>
Methylene Chloride	U		8.04	30.3	1	04/26/2025 22:59	<a href="#">WG2500829</a>
4-Methyl-2-pentanone (MIBK)	U		2.76	30.3	1	04/26/2025 22:59	<a href="#">WG2500829</a>
Methyl tert-butyl ether	U		0.424	1.21	1	04/26/2025 22:59	<a href="#">WG2500829</a>
n-Propylbenzene	U		1.15	6.06	1	04/26/2025 22:59	<a href="#">WG2500829</a>
Styrene	U		0.277	15.1	1	04/26/2025 22:59	<a href="#">WG2500829</a>
1,1,1,2-Tetrachloroethane	U		1.15	3.03	1	04/26/2025 22:59	<a href="#">WG2500829</a>
1,1,2,2-Tetrachloroethane	U		0.842	3.03	1	04/26/2025 22:59	<a href="#">WG2500829</a>
1,1,2-Trichlorotrifluoroethane	U		0.914	3.03	1	04/26/2025 22:59	<a href="#">WG2500829</a>
Tetrachloroethene	U		1.09	3.03	1	04/26/2025 22:59	<a href="#">WG2500829</a>
1,2,3-Trichlorobenzene	U		8.88	15.1	1	04/26/2025 22:59	<a href="#">WG2500829</a>
1,2,4-Trichlorobenzene	U		5.33	15.1	1	04/26/2025 22:59	<a href="#">WG2500829</a>
1,1,1-Trichloroethane	U		1.12	3.03	1	04/26/2025 22:59	<a href="#">WG2500829</a>
1,1,2-Trichloroethane	U		0.723	3.03	1	04/26/2025 22:59	<a href="#">WG2500829</a>
Trichloroethene	U		0.708	1.21	1	04/26/2025 22:59	<a href="#">WG2500829</a>
Trichlorofluoromethane	U		1.00	3.03	1	04/26/2025 22:59	<a href="#">WG2500829</a>
1,2,3-Trichloropropane	U		1.96	15.1	1	04/26/2025 22:59	<a href="#">WG2500829</a>
1,2,3-Trimethylbenzene	U		1.91	6.06	1	04/26/2025 22:59	<a href="#">WG2500829</a>
Vinyl chloride	U	<a href="#">C3</a>	1.41	3.03	1	04/26/2025 22:59	<a href="#">WG2500829</a>
(S) Toluene-d8	111			75.0-131		04/26/2025 22:59	<a href="#">WG2500829</a>
(S) 4-Bromofluorobenzene	96.8			67.0-138		04/26/2025 22:59	<a href="#">WG2500829</a>
(S) 1,2-Dichloroethane-d4	80.2			70.0-130		04/26/2025 22:59	<a href="#">WG2500829</a>

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		5.19	36.8	1	04/26/2025 21:44	WG2500746
Benzidine	U		69.2	1850	1	04/26/2025 21:44	WG2500746
Benzo(g,h,i)perylene	U		6.73	36.8	1	04/26/2025 21:44	WG2500746
Bis(2-chlorethoxy)methane	U		11.1	368	1	04/26/2025 21:44	WG2500746
Bis(2-chloroethyl)ether	U		12.2	368	1	04/26/2025 21:44	WG2500746
2,2-Oxybis(1-Chloropropane)	U		15.9	368	1	04/26/2025 21:44	WG2500746
4-Bromophenyl-phenylether	U		12.9	368	1	04/26/2025 21:44	WG2500746
2-Chloronaphthalene	U		6.47	36.8	1	04/26/2025 21:44	WG2500746
4-Chlorophenyl-phenylether	U		12.8	368	1	04/26/2025 21:44	WG2500746
1,2-Dichlorobenzene	U		10.9	368	1	04/26/2025 21:44	WG2500746
1,3-Dichlorobenzene	U		11.2	368	1	04/26/2025 21:44	WG2500746
1,4-Dichlorobenzene	U		11.0	368	1	04/26/2025 21:44	WG2500746
3,3-Dichlorobenzidine	U		13.6	368	1	04/26/2025 21:44	WG2500746
2,4-Dinitrotoluene	U		10.6	368	1	04/26/2025 21:44	WG2500746
2,6-Dinitrotoluene	U		12.1	368	1	04/26/2025 21:44	WG2500746
Hexachlorobenzene	U		13.0	368	1	04/26/2025 21:44	WG2500746
Hexachloro-1,3-butadiene	U		12.4	368	1	04/26/2025 21:44	WG2500746
Hexachlorocyclopentadiene	U	C7	19.3	368	1	04/26/2025 21:44	WG2500746
Hexachloroethane	U		14.5	368	1	04/26/2025 21:44	WG2500746
Isophorone	U		11.3	368	1	04/26/2025 21:44	WG2500746
Nitrobenzene	U		12.8	368	1	04/26/2025 21:44	WG2500746
n-Nitrosodimethylamine	U		54.6	368	1	04/26/2025 21:44	WG2500746
n-Nitrosodiphenylamine	U		27.9	368	1	04/26/2025 21:44	WG2500746
n-Nitrosodi-n-propylamine	U		12.3	368	1	04/26/2025 21:44	WG2500746
Phenanthrene	U		7.31	36.8	1	04/26/2025 21:44	WG2500746
Benzylbutyl phthalate	U		11.5	368	1	04/26/2025 21:44	WG2500746
Bis(2-ethylhexyl)phthalate	U		46.7	368	1	04/26/2025 21:44	WG2500746
Di-n-butyl phthalate	U		12.6	368	1	04/26/2025 21:44	WG2500746
Diethyl phthalate	U		12.2	368	1	04/26/2025 21:44	WG2500746
Dimethyl phthalate	U		78.1	368	1	04/26/2025 21:44	WG2500746
Di-n-octyl phthalate	U		24.9	368	1	04/26/2025 21:44	WG2500746
1,2,4-Trichlorobenzene	U		11.5	368	1	04/26/2025 21:44	WG2500746
4-Chloro-3-methylphenol	U		11.9	368	1	04/26/2025 21:44	WG2500746
2-Chlorophenol	U		12.2	368	1	04/26/2025 21:44	WG2500746
2,4-Dichlorophenol	U		10.7	368	1	04/26/2025 21:44	WG2500746
2,4-Dimethylphenol	U		9.62	368	1	04/26/2025 21:44	WG2500746
4,6-Dinitro-2-methylphenol	U		83.5	368	1	04/26/2025 21:44	WG2500746
2,4-Dinitrophenol	U		86.1	368	1	04/26/2025 21:44	WG2500746
2-Nitrophenol	U		13.2	368	1	04/26/2025 21:44	WG2500746
4-Nitrophenol	U		11.5	368	1	04/26/2025 21:44	WG2500746
Pentachlorophenol	U		9.91	368	1	04/26/2025 21:44	WG2500746
Phenol	U		14.8	368	1	04/26/2025 21:44	WG2500746
2,4,6-Trichlorophenol	U		11.8	368	1	04/26/2025 21:44	WG2500746
(S) 2-Fluorophenol	73.4			12.0-120		04/26/2025 21:44	WG2500746
(S) Phenol-d5	64.0			10.0-120		04/26/2025 21:44	WG2500746
(S) Nitrobenzene-d5	67.7			10.0-122		04/26/2025 21:44	WG2500746
(S) 2-Fluorobiphenyl	70.4			15.0-120		04/26/2025 21:44	WG2500746
(S) 2,4,6-Tribromophenol	78.9			10.0-127		04/26/2025 21:44	WG2500746
(S) p-Terphenyl-d14	71.3			10.0-120		04/26/2025 21:44	WG2500746

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

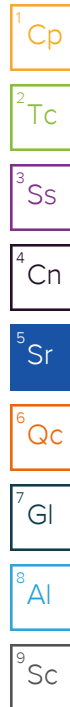
8Al

9Sc



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	04/26/2025 15:17	WG2500633
Acrolein	U	J4	2.54	50.0	1	04/26/2025 15:17	WG2500633
Acrylonitrile	U		0.671	10.0	1	04/26/2025 15:17	WG2500633
Benzene	U		0.0941	1.00	1	04/26/2025 15:17	WG2500633
Bromobenzene	U		0.118	1.00	1	04/26/2025 15:17	WG2500633
Bromodichloromethane	U		0.136	1.00	1	04/26/2025 15:17	WG2500633
Bromoform	U		0.129	1.00	1	04/26/2025 15:17	WG2500633
Bromomethane	U	C3	0.605	5.00	1	04/26/2025 15:17	WG2500633
n-Butylbenzene	U		0.157	1.00	1	04/26/2025 15:17	WG2500633
sec-Butylbenzene	U		0.125	1.00	1	04/26/2025 15:17	WG2500633
tert-Butylbenzene	U		0.127	1.00	1	04/26/2025 15:17	WG2500633
Carbon tetrachloride	U		0.128	1.00	1	04/26/2025 15:17	WG2500633
Chlorobenzene	U		0.116	1.00	1	04/26/2025 15:17	WG2500633
Chlorodibromomethane	U		0.140	1.00	1	04/26/2025 15:17	WG2500633
Chloroethane	U		0.192	5.00	1	04/26/2025 15:17	WG2500633
Chloroform	U		0.111	5.00	1	04/26/2025 15:17	WG2500633
Chloromethane	U		0.960	2.50	1	04/26/2025 15:17	WG2500633
2-Chlorotoluene	U		0.106	1.00	1	04/26/2025 15:17	WG2500633
4-Chlorotoluene	U		0.114	1.00	1	04/26/2025 15:17	WG2500633
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	04/26/2025 15:17	WG2500633
1,2-Dibromoethane	U		0.126	1.00	1	04/26/2025 15:17	WG2500633
Dibromomethane	U		0.122	1.00	1	04/26/2025 15:17	WG2500633
1,2-Dichlorobenzene	U		0.107	1.00	1	04/26/2025 15:17	WG2500633
1,3-Dichlorobenzene	U		0.110	1.00	1	04/26/2025 15:17	WG2500633
1,4-Dichlorobenzene	U		0.120	1.00	1	04/26/2025 15:17	WG2500633
Dichlorodifluoromethane	U		0.374	5.00	1	04/26/2025 15:17	WG2500633
1,1-Dichloroethane	U		0.100	1.00	1	04/26/2025 15:17	WG2500633
1,2-Dichloroethane	U		0.0819	1.00	1	04/26/2025 15:17	WG2500633
1,1-Dichloroethene	U		0.188	1.00	1	04/26/2025 15:17	WG2500633
cis-1,2-Dichloroethene	U		0.126	1.00	1	04/26/2025 15:17	WG2500633
trans-1,2-Dichloroethene	U		0.149	1.00	1	04/26/2025 15:17	WG2500633
1,2-Dichloropropane	U		0.149	1.00	1	04/26/2025 15:17	WG2500633
1,1-Dichloropropene	U		0.142	1.00	1	04/26/2025 15:17	WG2500633
1,3-Dichloropropane	U		0.110	1.00	1	04/26/2025 15:17	WG2500633
cis-1,3-Dichloropropene	U		0.111	1.00	1	04/26/2025 15:17	WG2500633
trans-1,3-Dichloropropene	U		0.118	1.00	1	04/26/2025 15:17	WG2500633
2,2-Dichloropropane	U		0.161	1.00	1	04/26/2025 15:17	WG2500633
Di-isopropyl ether	U		0.105	1.00	1	04/26/2025 15:17	WG2500633
Ethylbenzene	U		0.137	1.00	1	04/26/2025 15:17	WG2500633
Hexachloro-1,3-butadiene	U		0.337	1.00	1	04/26/2025 15:17	WG2500633
Isopropylbenzene	U		0.105	1.00	1	04/26/2025 15:17	WG2500633
p-Isopropyltoluene	U		0.120	1.00	1	04/26/2025 15:17	WG2500633
2-Butanone (MEK)	U		1.19	10.0	1	04/26/2025 15:17	WG2500633
Methylene Chloride	U		0.430	5.00	1	04/26/2025 15:17	WG2500633
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	04/26/2025 15:17	WG2500633
Methyl tert-butyl ether	U		0.101	1.00	1	04/26/2025 15:17	WG2500633
Naphthalene	U	C3 J4	1.00	5.00	1	04/26/2025 15:17	WG2500633
n-Propylbenzene	U		0.0993	1.00	1	04/26/2025 15:17	WG2500633
Styrene	U		0.118	1.00	1	04/26/2025 15:17	WG2500633
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	04/26/2025 15:17	WG2500633
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	04/26/2025 15:17	WG2500633
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	04/26/2025 15:17	WG2500633
Tetrachloroethene	U		0.300	1.00	1	04/26/2025 15:17	WG2500633
Toluene	U		0.278	1.00	1	04/26/2025 15:17	WG2500633
1,2,3-Trichlorobenzene	U		0.230	1.00	1	04/26/2025 15:17	WG2500633
1,2,4-Trichlorobenzene	U	C3	0.481	1.00	1	04/26/2025 15:17	WG2500633





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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	U		0.149	1.00	1	04/26/2025 15:17	<a href="#">WG2500633</a>
1,1,2-Trichloroethane	U		0.158	1.00	1	04/26/2025 15:17	<a href="#">WG2500633</a>
Trichloroethene	U		0.190	1.00	1	04/26/2025 15:17	<a href="#">WG2500633</a>
Trichlorofluoromethane	U		0.160	5.00	1	04/26/2025 15:17	<a href="#">WG2500633</a>
1,2,3-Trichloropropane	U		0.237	2.50	1	04/26/2025 15:17	<a href="#">WG2500633</a>
1,2,4-Trimethylbenzene	U		0.322	1.00	1	04/26/2025 15:17	<a href="#">WG2500633</a>
1,2,3-Trimethylbenzene	U		0.104	1.00	1	04/26/2025 15:17	<a href="#">WG2500633</a>
1,3,5-Trimethylbenzene	U		0.104	1.00	1	04/26/2025 15:17	<a href="#">WG2500633</a>
Vinyl chloride	U		0.234	1.00	1	04/26/2025 15:17	<a href="#">WG2500633</a>
Xylenes, Total	U		0.174	3.00	1	04/26/2025 15:17	<a href="#">WG2500633</a>
(S) Toluene-d8	104			80.0-120		04/26/2025 15:17	<a href="#">WG2500633</a>
(S) 4-Bromofluorobenzene	92.6			77.0-126		04/26/2025 15:17	<a href="#">WG2500633</a>
(S) 1,2-Dichloroethane-d4	108			70.0-130		04/26/2025 15:17	<a href="#">WG2500633</a>

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4205776-1 04/26/25 15:28

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

L1852121-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1852121-03 04/26/25 15:28 • (DUP) R4205776-3 04/26/25 15:28

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	93.4	93.0	1	0.471		10

Laboratory Control Sample (LCS)

(LCS) R4205776-2 04/26/25 15:28

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

<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) R4205789-1 04/26/25 17:28

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

L1852138-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1852138-04 04/26/25 17:28 • (DUP) R4205789-3 04/26/25 17:28

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	90.8	91.1	1	0.242		10

Laboratory Control Sample (LCS)

(LCS) R4205789-2 04/26/25 17:28

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

<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) R4206004-1 04/27/25 21:18

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/kg		ug/kg	ug/kg
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

L1852129-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1852129-01 04/27/25 21:37 • (DUP) R4206004-3 04/27/25 21:39

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

L1852140-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1852140-05 04/27/25 22:03 • (DUP) R4206004-6 04/27/25 22:04

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

Laboratory Control Sample (LCS)

(LCS) R4206004-2 04/27/25 21:19

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/kg	ug/kg	%	%	
Ammonia Nitrogen	250000	272000	109	90.0-110	

L1852129-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1852129-01 04/27/25 21:37 • (MS) R4206004-4 04/27/25 21:40 • (MSD) R4206004-5 04/27/25 21:42

	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
Analyte	ug/kg	ug/kg	ug/kg	ug/kg	%	%		%			%	%
Ammonia Nitrogen	264000	U	290000	287000	110	109	1	90.0-110			0.897	20

Method Blank (MB)

(MB) R4206030-1 04/28/25 00:15

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/kg		ug/kg	ug/kg
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

L1852114-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1852114-02 04/28/25 00:20 • (DUP) R4206030-4 04/28/25 00:21

	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/kg	ug/kg		%		%
Kjeldahl Nitrogen, TKN	1060000	1130000	10	6.08		20

L1852114-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1852114-03 04/28/25 00:23 • (DUP) R4206030-5 04/28/25 00:24

	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/kg	ug/kg		%		%
Kjeldahl Nitrogen, TKN	1180000	952000	10	21.5	J3	20

Laboratory Control Sample (LCS)

(LCS) R4206030-2 04/28/25 00:16

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/kg	ug/kg	%	%	
Kjeldahl Nitrogen, TKN	240000	254000	106	81.7-124	

L1852114-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1852114-01 04/28/25 00:18 • (MS) R4206030-3 04/28/25 00:19

	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Analyte	ug/kg	ug/kg	ug/kg	%		%	
Kjeldahl Nitrogen, TKN	422000	3640000	4470000	196	10	81.7-124	V

L1852121-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1852121-03 04/28/25 00:46 • (MS) R4206030-6 04/28/25 00:47 • (MSD) R4206030-7 04/28/25 00:48

	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
Analyte	ug/kg	ug/kg	ug/kg	ug/kg	%	%		%			%	%
Kjeldahl Nitrogen, TKN	428000	815000	987000	1050000	40.0	55.7	10	81.7-124	J6	J6	6.58	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

Method Blank (MB)

(MB) R4205771-1 04/26/25 20:17

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/kg		ug/kg	ug/kg
Nitrate-Nitrite	U		606	20000

Laboratory Control Sample (LCS)

(LCS) R4205771-2 04/26/25 20:30

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/kg	ug/kg	%	%	
Nitrate-Nitrite	40000	38100	95.4	80.0-120	

L1852121-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1852121-03 04/26/25 22:13 • (MS) R4205771-3 04/26/25 22:26 • (MSD) R4205771-4 04/26/25 22:39

	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
Analyte	ug/kg				%	%		%			%	%
Nitrate-Nitrite	42800	4500	47900	47800	101	101	1	80.0-120			0.247	15

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



Method Blank (MB)

(MB) R4205859-1 04/27/25 15:13

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

L1852121-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1852121-04 04/27/25 15:21 • (DUP) R4205859-5 04/27/25 15:21

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/kg	ug/kg		%		%
TOC By Walkley Black	23000000	24100000	5	4.59		20

L1852129-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1852129-02 04/27/25 15:25 • (DUP) R4205859-8 04/27/25 15:25

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/kg	ug/kg		%		%
TOC By Walkley Black	5410000	4870000	5	10.5		20

Laboratory Control Sample (LCS)

(LCS) R4205859-2 04/27/25 15:15

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/kg	ug/kg	%	%	
TOC By Walkley Black	3230000	4090000	127	75.0-144	

L1852121-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1852121-03 04/27/25 15:18 • (MS) R4205859-3 04/27/25 15:20 • (MSD) R4205859-4 04/27/25 15:20

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/kg	ug/kg	ug/kg	ug/kg	%	%		%			%	%
TOC By Walkley Black	20000000	12000000	30700000	30500000	93.5	92.8	5	80.0-120			0.471	20

L1852129-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1852129-01 04/27/25 15:21 • (MS) R4205859-6 04/27/25 15:24 • (MSD) R4205859-7 04/27/25 15:24

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/kg	ug/kg	ug/kg	ug/kg	%	%		%			%	%
TOC By Walkley Black	20000000	8200000	27600000	27500000	96.7	96.7	5	80.0-120			0.0341	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4205756-1 04/26/25 23:26

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL 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) R4205756-2 04/26/25 23:28

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aluminum	1000000	968000	96.8	80.0-120	
Antimony	100000	94600	94.6	80.0-120	
Beryllium	100000	101000	101	80.0-120	
Calcium	1000000	1010000	101	80.0-120	
Cobalt	100000	96000	96.0	80.0-120	
Iron	1000000	1020000	102	80.0-120	
Magnesium	1000000	932000	93.2	80.0-120	
Manganese	100000	103000	103	80.0-120	
Potassium	1000000	979000	97.9	80.0-120	
Sodium	1000000	997000	99.7	80.0-120	
Thallium	100000	100000	100	80.0-120	
Vanadium	100000	99300	99.3	80.0-120	

L1852121-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1852121-03 04/26/25 23:29 • (MS) R4205756-5 04/26/25 23:35 • (MSD) R4205756-6 04/26/25 23:37

Analyte	Spike Amount (dry) ug/kg	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Aluminum	1070000	3290000	4680000	4280000	131	92.9	1	75.0-125	J5		9.02	20
Antimony	107000	U	92300	90900	86.3	85.0	1	75.0-125			1.52	20

L1852121-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1852121-03 04/26/25 23:29 • (MS) R4205756-5 04/26/25 23:35 • (MSD) R4205756-6 04/26/25 23:37

Analyte	Spike Amount (dry) ug/kg	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Beryllium	107000	399	112000	110000	104	102	1	75.0-125			1.99	20
Calcium	1070000	18900000	19500000	19500000	59.4	59.3	1	75.0-125	V	V	0.00674	20
Cobalt	107000	3040	113000	109000	102	99.2	1	75.0-125			2.90	20
Iron	1070000	7570000	7590000	6440000	1.31	0.000	1	75.0-125	V	V	16.3	20
Magnesium	1070000	2230000	3230000	3150000	93.7	86.2	1	75.0-125			2.52	20
Manganese	107000	211000	286000	281000	70.2	65.6	1	75.0-125	J6	J6	1.77	20
Potassium	1070000	1110000	2160000	2090000	97.8	90.9	1	75.0-125			3.48	20
Sodium	1070000	93000	1210000	1190000	104	102	1	75.0-125			1.90	20
Thallium	107000	U	110000	108000	103	101	1	75.0-125			2.02	20
Vanadium	107000	13500	119000	116000	98.7	95.8	1	75.0-125			2.64	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4205706-3 04/26/25 13:46

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

<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) R4205706-3 04/26/25 13:46

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Isopropylbenzene	U		0.105	1.00
p-Isopropyltoluene	U		0.120	1.00
2-Butanone (MEK)	U		1.19	10.0
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
n-Propylbenzene	U		0.0993	1.00
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	1.00
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	1.00
1,2,3-Trimethylbenzene	U		0.104	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	104			80.0-120
(S) 4-Bromofluorobenzene	97.3			77.0-126
(S) 1,2-Dichloroethane-d4	106			70.0-130

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

(LCS) R4205706-1 04/26/25 12:46 • (LCSD) R4205706-2 04/26/25 13:06

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	23.6	25.1	94.4	100	19.0-160	J	J	6.16	27
Acrolein	25.0	59.0	63.6	236	254	10.0-160	J4	J4	7.50	26
Acrylonitrile	25.0	23.2	24.3	92.8	97.2	55.0-149			4.63	20
Benzene	5.00	4.47	4.57	89.4	91.4	70.0-123			2.21	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

(LCS) R4205706-1 04/26/25 12:46 • (LCSD) R4205706-2 04/26/25 13:06

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Bromobenzene	5.00	5.06	5.34	101	107	73.0-121			5.38	20
Bromodichloromethane	5.00	4.84	4.87	96.8	97.4	75.0-120			0.618	20
Bromoform	5.00	5.01	4.96	100	99.2	68.0-132			1.00	20
Bromomethane	5.00	1.28	1.49	25.6	29.8	10.0-160	U	U	15.2	25
n-Butylbenzene	5.00	5.35	5.35	107	107	73.0-125			0.000	20
sec-Butylbenzene	5.00	5.50	5.51	110	110	75.0-125			0.182	20
tert-Butylbenzene	5.00	5.45	5.59	109	112	76.0-124			2.54	20
Carbon tetrachloride	5.00	5.33	5.33	107	107	68.0-126			0.000	20
Chlorobenzene	5.00	5.23	5.35	105	107	80.0-121			2.27	20
Chlorodibromomethane	5.00	5.21	5.60	104	112	77.0-125			7.22	20
Chloroethane	5.00	4.49	4.73	89.8	94.6	47.0-150	U	U	5.21	20
Chloroform	5.00	5.09	5.06	102	101	73.0-120			0.591	20
Chloromethane	5.00	4.99	4.67	99.8	93.4	41.0-142			6.63	20
2-Chlorotoluene	5.00	5.48	5.66	110	113	76.0-123			3.23	20
4-Chlorotoluene	5.00	4.97	5.26	99.4	105	75.0-122			5.67	20
1,2-Dibromo-3-Chloropropane	5.00	4.07	4.29	81.4	85.8	58.0-134	U	U	5.26	20
1,2-Dibromoethane	5.00	4.97	5.51	99.4	110	80.0-122			10.3	20
Dibromomethane	5.00	4.81	4.95	96.2	99.0	80.0-120			2.87	20
1,2-Dichlorobenzene	5.00	5.29	5.63	106	113	79.0-121			6.23	20
1,3-Dichlorobenzene	5.00	5.27	5.40	105	108	79.0-120			2.44	20
1,4-Dichlorobenzene	5.00	4.87	5.24	97.4	105	79.0-120			7.32	20
Dichlorodifluoromethane	5.00	7.15	7.08	143	142	51.0-149			0.984	20
1,1-Dichloroethane	5.00	5.03	5.10	101	102	70.0-126			1.38	20
1,2-Dichloroethane	5.00	5.54	5.51	111	110	70.0-128			0.543	20
1,1-Dichloroethene	5.00	5.05	4.86	101	97.2	71.0-124			3.83	20
cis-1,2-Dichloroethene	5.00	4.64	4.66	92.8	93.2	73.0-120			0.430	20
trans-1,2-Dichloroethene	5.00	4.99	4.73	99.8	94.6	73.0-120			5.35	20
1,2-Dichloropropane	5.00	4.73	4.87	94.6	97.4	77.0-125			2.92	20
1,1-Dichloropropene	5.00	5.14	5.16	103	103	74.0-126			0.388	20
1,3-Dichloropropane	5.00	4.98	5.43	99.6	109	80.0-120			8.65	20
cis-1,3-Dichloropropene	5.00	4.35	4.59	87.0	91.8	80.0-123			5.37	20
trans-1,3-Dichloropropene	5.00	5.26	5.16	105	103	78.0-124			1.92	20
2,2-Dichloropropane	5.00	5.19	5.12	104	102	58.0-130			1.36	20
Di-isopropyl ether	5.00	5.13	5.18	103	104	58.0-138			0.970	20
Ethylbenzene	5.00	5.04	5.24	101	105	79.0-123			3.89	20
Hexachloro-1,3-butadiene	5.00	5.86	5.34	117	107	54.0-138			9.29	20
Isopropylbenzene	5.00	5.06	5.15	101	103	76.0-127			1.76	20
p-Isopropyltoluene	5.00	5.40	5.70	108	114	76.0-125			5.41	20
2-Butanone (MEK)	25.0	21.5	23.2	86.0	92.8	44.0-160			7.61	20
Methylene Chloride	5.00	4.69	4.59	93.8	91.8	67.0-120	U	U	2.16	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

(LCS) R4205706-1 04/26/25 12:46 • (LCSD) R4205706-2 04/26/25 13:06

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
4-Methyl-2-pentanone (MIBK)	25.0	27.8	29.8	111	119	68.0-142			6.94	20
Methyl tert-butyl ether	5.00	4.85	4.84	97.0	96.8	68.0-125			0.206	20
Naphthalene	5.00	2.40	2.55	48.0	51.0	54.0-135	J J4	J J4	6.06	20
n-Propylbenzene	5.00	5.20	5.31	104	106	77.0-124			2.09	20
Styrene	5.00	4.62	4.75	92.4	95.0	73.0-130			2.77	20
1,1,1,2-Tetrachloroethane	5.00	5.01	5.60	100	112	75.0-125			11.1	20
1,1,2,2-Tetrachloroethane	5.00	4.86	5.23	97.2	105	65.0-130			7.33	20
1,1,2-Trichlorotrifluoroethane	5.00	5.75	5.49	115	110	69.0-132			4.63	20
Tetrachloroethene	5.00	5.32	5.32	106	106	72.0-132			0.000	20
Toluene	5.00	5.10	5.23	102	105	79.0-120			2.52	20
1,2,3-Trichlorobenzene	5.00	4.23	4.29	84.6	85.8	50.0-138			1.41	20
1,2,4-Trichlorobenzene	5.00	3.91	3.82	78.2	76.4	57.0-137			2.33	20
1,1,1-Trichloroethane	5.00	5.59	5.35	112	107	73.0-124			4.39	20
1,1,2-Trichloroethane	5.00	5.48	5.51	110	110	80.0-120			0.546	20
Trichloroethene	5.00	4.91	4.90	98.2	98.0	78.0-124			0.204	20
Trichlorofluoromethane	5.00	5.65	5.20	113	104	59.0-147			8.29	20
1,2,3-Trichloropropane	5.00	5.26	5.76	105	115	73.0-130			9.07	20
1,2,4-Trimethylbenzene	5.00	5.11	5.05	102	101	76.0-121			1.18	20
1,2,3-Trimethylbenzene	5.00	5.13	5.32	103	106	77.0-120			3.64	20
1,3,5-Trimethylbenzene	5.00	5.41	5.51	108	110	76.0-122			1.83	20
Vinyl chloride	5.00	5.27	4.90	105	98.0	67.0-131			7.28	20
Xylenes, Total	15.0	15.1	15.7	101	105	79.0-123			3.90	20
(S) Toluene-d8				104	106	80.0-120				
(S) 4-Bromofluorobenzene				96.8	95.3	77.0-126				
(S) 1,2-Dichloroethane-d4				110	108	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



Method Blank (MB)

(MB) R4205766-2 04/26/25 18:06

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL 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) R4205766-2 04/26/25 18:06

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL 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	110			75.0-131
(S) 4-Bromofluorobenzene	98.9			67.0-138
(S) 1,2-Dichloroethane-d4	84.9			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)

(LCS) R4205766-1 04/26/25 16:36

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	625	496	79.4	10.0-160	
Acrylonitrile	625	484	77.4	45.0-153	
Bromobenzene	125	135	108	73.0-121	
Bromodichloromethane	125	105	84.0	73.0-121	
Bromoform	125	121	96.8	64.0-132	
Bromomethane	125	70.5	56.4	56.0-147	
n-Butylbenzene	125	128	102	68.0-135	
sec-Butylbenzene	125	135	108	74.0-130	
tert-Butylbenzene	125	141	113	75.0-127	
Carbon tetrachloride	125	109	87.2	66.0-128	
Chlorobenzene	125	143	114	76.0-128	
Chlorodibromomethane	125	135	108	74.0-127	

Laboratory Control Sample (LCS)

(LCS) R4205766-1 04/26/25 16:36

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Chloroethane	125	114	91.2	61.0-134	
Chloroform	125	103	82.4	72.0-123	
Chloromethane	125	83.1	66.5	51.0-138	
2-Chlorotoluene	125	146	117	75.0-124	
4-Chlorotoluene	125	132	106	75.0-124	
1,2-Dibromo-3-Chloropropane	125	119	95.2	59.0-130	
1,2-Dibromoethane	125	133	106	74.0-128	
Dibromomethane	125	111	88.8	75.0-122	
1,2-Dichlorobenzene	125	138	110	76.0-124	
1,3-Dichlorobenzene	125	145	116	76.0-125	
1,4-Dichlorobenzene	125	141	113	77.0-121	
Dichlorodifluoromethane	125	103	82.4	43.0-156	
1,1-Dichloroethane	125	97.1	77.7	70.0-127	
1,2-Dichloroethane	125	93.5	74.8	65.0-131	
1,1-Dichloroethene	125	95.0	76.0	65.0-131	
cis-1,2-Dichloroethene	125	116	92.8	73.0-125	
trans-1,2-Dichloroethene	125	109	87.2	71.0-125	
1,2-Dichloropropane	125	102	81.6	74.0-125	
1,1-Dichloropropene	125	110	88.0	73.0-125	
1,3-Dichloropropane	125	137	110	80.0-125	
cis-1,3-Dichloropropene	125	110	88.0	76.0-127	
trans-1,3-Dichloropropene	125	126	101	73.0-127	
2,2-Dichloropropane	125	103	82.4	59.0-135	
Di-isopropyl ether	125	92.7	74.2	60.0-136	
Hexachloro-1,3-butadiene	125	108	86.4	57.0-150	
Isopropylbenzene	125	140	112	72.0-127	
p-Isopropyltoluene	125	134	107	72.0-133	
2-Butanone (MEK)	625	427	68.3	30.0-160	
Methylene Chloride	125	110	88.0	68.0-123	
4-Methyl-2-pentanone (MIBK)	625	551	88.2	56.0-143	
Methyl tert-butyl ether	125	113	90.4	66.0-132	
n-Propylbenzene	125	138	110	74.0-126	
Styrene	125	136	109	72.0-127	
1,1,1,2-Tetrachloroethane	125	131	105	74.0-129	
1,1,2,2-Tetrachloroethane	125	118	94.4	68.0-128	
1,1,2-Trichlorotrifluoroethane	125	113	90.4	61.0-139	
Tetrachloroethene	125	145	116	70.0-136	
1,2,3-Trichlorobenzene	125	128	102	59.0-139	
1,2,4-Trichlorobenzene	125	130	104	62.0-137	
1,1,1-Trichloroethane	125	104	83.2	69.0-126	

<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) R4205766-1 04/26/25 16:36

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
1,1,2-Trichloroethane	125	134	107	78.0-123	
Trichloroethene	125	121	96.8	76.0-126	
Trichlorofluoromethane	125	114	91.2	61.0-142	
1,2,3-Trichloropropane	125	125	100	67.0-129	
1,2,3-Trimethylbenzene	125	137	110	74.0-124	
Vinyl chloride	125	98.8	79.0	63.0-134	
(S) Toluene-d8			112	75.0-131	
(S) 4-Bromofluorobenzene			96.4	67.0-138	
(S) 1,2-Dichloroethane-d4			85.9	70.0-130	

L1852121-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1852121-03 04/26/25 23:59 • (MS) R4205766-3 04/27/25 01:38 • (MSD) R4205766-4 04/27/25 01:58

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 %
Acetone	713	U	366	374	51.4	52.5	1	10.0-160			2.16	40
Acrylonitrile	713	U	525	501	73.6	70.2	1	10.0-160			4.67	40
Bromobenzene	143	U	163	157	114	110	1	10.0-156			3.56	38
Bromodichloromethane	143	U	119	116	83.2	81.6	1	10.0-143			1.94	37
Bromoform	143	U	115	113	80.8	79.4	1	10.0-146			1.80	36
Bromomethane	143	U	41.8	51.0	29.3	35.8	1	10.0-149			19.9	38
n-Butylbenzene	143	U	147	165	103	116	1	10.0-160			11.7	40
sec-Butylbenzene	143	U	149	168	105	118	1	10.0-159			11.5	39
tert-Butylbenzene	143	U	156	175	110	122	1	10.0-156			11.0	39
Carbon tetrachloride	143	U	103	127	72.5	88.8	1	10.0-145			20.2	37
Chlorobenzene	143	U	167	169	117	118	1	10.0-152			1.36	39
Chlorodibromomethane	143	U	140	139	98.4	97.6	1	10.0-146			0.816	37
Chloroethane	143	U	28.6	36.3	20.1	25.4	1	10.0-146			23.6	40
Chloroform	143	U	122	124	85.6	87.2	1	10.0-146			1.85	37
Chloromethane	143	U	88.4	103	62.0	72.5	1	10.0-159			15.6	37
2-Chlorotoluene	143	U	156	168	110	118	1	10.0-159			7.04	38
4-Chlorotoluene	143	U	154	155	108	109	1	10.0-155			0.738	39
1,2-Dibromo-3-Chloropropane	143	U	109	102	76.6	71.2	1	10.0-151			7.26	39
1,2-Dibromoethane	143	U	148	140	104	98.4	1	10.0-148			5.53	34
Dibromomethane	143	U	124	122	87.2	85.6	1	10.0-147			1.85	35
1,2-Dichlorobenzene	143	U	164	161	115	113	1	10.0-155			2.11	37
1,3-Dichlorobenzene	143	U	172	172	121	121	1	10.0-153			0.000	38
1,4-Dichlorobenzene	143	U	170	171	119	120	1	10.0-151			0.669	38
Dichlorodifluoromethane	143	U	76.3	129	53.5	90.4	1	10.0-160	J3		51.3	35

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

L1852121-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1852121-03 04/26/25 23:59 • (MS) R4205766-3 04/27/25 01:38 • (MSD) R4205766-4 04/27/25 01:58

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	143	U	109	114	76.1	80.0	1	10.0-147			5.02	37
1,2-Dichloroethane	143	U	108	104	75.8	72.6	1	10.0-148			4.31	35
1,1-Dichloroethene	143	U	90.5	113	63.4	79.5	1	10.0-155			22.5	37
cis-1,2-Dichloroethene	143	U	135	135	94.4	94.4	1	10.0-149			0.000	37
trans-1,2-Dichloroethene	143	U	122	131	85.6	92.0	1	10.0-150			7.21	37
1,2-Dichloropropane	143	U	119	118	83.2	82.4	1	10.0-148			0.966	37
1,1-Dichloropropene	143	U	109	131	76.4	92.0	1	10.0-153			18.5	35
1,3-Dichloropropane	143	U	153	149	107	105	1	10.0-154			2.26	35
cis-1,3-Dichloropropene	143	U	124	122	87.2	85.6	1	10.0-151			1.85	37
trans-1,3-Dichloropropene	143	U	134	134	93.6	93.6	1	10.0-148			0.000	37
2,2-Dichloropropane	143	U	108	122	75.4	85.6	1	10.0-138			12.6	36
Di-isopropyl ether	143	U	109	104	76.1	72.8	1	10.0-147			4.41	36
Hexachloro-1,3-butadiene	143	U	124	138	87.2	96.8	1	10.0-160			10.4	40
Isopropylbenzene	143	U	167	183	117	128	1	10.0-155			9.15	38
p-Isopropyltoluene	143	U	159	173	111	122	1	10.0-160			8.93	40
2-Butanone (MEK)	713	U	350	414	49.1	58.1	1	10.0-160			16.7	40
Methylene Chloride	143	U	137	135	96.0	94.4	1	10.0-141			1.68	37
4-Methyl-2-pentanone (MIBK)	713	U	567	548	79.5	76.8	1	10.0-160			3.48	35
Methyl tert-butyl ether	143	U	128	123	89.6	86.4	1	11.0-147			3.64	35
n-Propylbenzene	143	U	157	168	110	118	1	10.0-158			6.32	38
Styrene	143	U	163	162	114	114	1	10.0-160			0.702	40
1,1,1,2-Tetrachloroethane	143	U	148	147	104	103	1	10.0-149			0.772	39
1,1,2,2-Tetrachloroethane	143	U	118	118	82.4	82.4	1	10.0-160			0.000	35
1,1,2-Trichlorotrifluoroethane	143	U	91.2	134	63.9	93.6	1	10.0-160		J3	37.7	36
Tetrachloroethene	143	U	149	169	105	118	1	10.0-156			12.2	39
1,2,3-Trichlorobenzene	143	U	138	138	96.8	96.8	1	10.0-160			0.000	40
1,2,4-Trichlorobenzene	143	U	156	156	110	110	1	10.0-160			0.000	40
1,1,1-Trichloroethane	143	U	106	124	74.5	87.2	1	10.0-144			15.7	35
1,1,2-Trichloroethane	143	U	151	145	106	102	1	10.0-160			3.86	35
Trichloroethene	143	U	147	147	103	103	1	10.0-156			0.000	38
Trichlorofluoromethane	143	U	25.7	37.7	18.0	26.4	1	10.0-160			37.8	40
1,2,3-Trichloropropane	143	U	137	141	96.0	99.2	1	10.0-156			3.28	35
1,2,3-Trimethylbenzene	143	U	162	164	114	115	1	10.0-160			1.40	36
Vinyl chloride	143	U	98.0	129	68.7	90.4	1	10.0-160			27.2	37
(S) Toluene-d8					109	109		75.0-131				
(S) 4-Bromofluorobenzene					96.5	97.6		67.0-138				
(S) 1,2-Dichloroethane-d4					84.5	82.4		70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4205954-2 04/26/25 20:00

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) R4205954-2 04/26/25 20:00

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Pentachlorophenol	U		8.96	333
Phenol	U		13.4	333
2,4,6-Trichlorophenol	U		10.7	333
(S) 2-Fluorophenol	80.2			12.0-120
(S) Phenol-d5	73.6			10.0-120
(S) Nitrobenzene-d5	73.0			10.0-122
(S) 2-Fluorobiphenyl	76.9			15.0-120
(S) 2,4,6-Tribromophenol	75.8			10.0-127
(S) p-Terphenyl-d14	84.7			10.0-120

Laboratory Control Sample (LCS)

(LCS) R4205954-1 04/26/25 19:39

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthylene	666	658	98.8	40.0-120	
Benidine	1330	724	54.4	10.0-120	J
Benzo(g,h,i)perylene	666	630	94.6	43.0-120	
Bis(2-chlorethoxy)methane	666	415	62.3	20.0-120	
Bis(2-chloroethyl)ether	666	407	61.1	16.0-120	
2,2-Oxybis(1-Chloropropane)	666	511	76.7	23.0-120	
4-Bromophenyl-phenylether	666	625	93.8	40.0-120	
2-Chloronaphthalene	666	547	82.1	35.0-120	
4-Chlorophenyl-phenylether	666	618	92.8	40.0-120	
1,2-Dichlorobenzene	666	523	78.5	32.0-120	
1,3-Dichlorobenzene	666	502	75.4	30.0-120	
1,4-Dichlorobenzene	666	522	78.4	31.0-120	
3,3-Dichlorobenzidine	1330	1260	94.7	28.0-120	
2,4-Dinitrotoluene	666	728	109	45.0-120	
2,6-Dinitrotoluene	666	688	103	42.0-120	
Hexachlorobenzene	666	575	86.3	39.0-120	
Hexachloro-1,3-butadiene	666	419	62.9	15.0-120	
Hexachlorocyclopentadiene	666	386	58.0	15.0-120	
Hexachloroethane	666	510	76.6	17.0-120	
Isophorone	666	442	66.4	23.0-120	
Nitrobenzene	666	446	67.0	17.0-120	
n-Nitrosodimethylamine	666	526	79.0	10.0-125	
n-Nitrosodiphenylamine	666	604	90.7	40.0-120	
n-Nitrosodi-n-propylamine	666	505	75.8	26.0-120	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Laboratory Control Sample (LCS)

(LCS) R4205954-1 04/26/25 19:39

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Phenanthrene	666	576	86.5	42.0-120	
Benzylbutyl phthalate	666	706	106	40.0-120	
Bis(2-ethylhexyl)phthalate	666	728	109	41.0-120	
Di-n-butyl phthalate	666	650	97.6	43.0-120	
Diethyl phthalate	666	693	104	43.0-120	
Dimethyl phthalate	666	660	99.1	43.0-120	
Di-n-octyl phthalate	666	707	106	40.0-120	
1,2,4-Trichlorobenzene	666	451	67.7	17.0-120	
4-Chloro-3-methylphenol	666	450	67.6	28.0-120	
2-Chlorophenol	666	507	76.1	28.0-120	
2,4-Dichlorophenol	666	420	63.1	25.0-120	
2,4-Dimethylphenol	666	372	55.9	15.0-120	
4,6-Dinitro-2-methylphenol	666	574	86.2	16.0-120	
2,4-Dinitrophenol	666	448	67.3	10.0-120	
2-Nitrophenol	666	514	77.2	20.0-120	
4-Nitrophenol	666	721	108	27.0-120	
Pentachlorophenol	666	409	61.4	29.0-120	
Phenol	666	492	73.9	28.0-120	
2,4,6-Trichlorophenol	666	527	79.1	37.0-120	
(S) 2-Fluorophenol			93.7	12.0-120	
(S) Phenol-d5			83.2	10.0-120	
(S) Nitrobenzene-d5			67.9	10.0-122	
(S) 2-Fluorobiphenyl			88.6	15.0-120	
(S) 2,4,6-Tribromophenol			93.8	10.0-127	
(S) p-Terphenyl-d14			94.6	10.0-120	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

L1852121-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1852121-03 04/26/25 22:46 • (MS) R4205954-3 04/26/25 23:07 • (MSD) R4205954-4 04/26/25 23:28

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 %
Acenaphthylene	683	U	562	521	82.3	73.8	1	25.0-120			7.51	32
Benzidine	1370	U	111	U	8.13	0.000	1	10.0-120	J J6	J3 J6	200	40
Benzo(g,h,i)perylene	683	U	472	430	69.1	60.9	1	10.0-120			9.25	33
Bis(2-chlorethoxy)methane	683	U	367	342	53.8	48.3	1	10.0-120		J	7.25	34
Bis(2-chloroethyl)ether	683	U	347	422	50.8	59.7	1	10.0-120	J		19.5	40
2,2-Oxybis(1-Chloropropane)	683	U	446	398	65.4	56.4	1	10.0-120			11.4	40
4-Bromophenyl-phenylether	683	U	553	495	81.0	70.0	1	27.0-120			11.2	30
2-Chloronaphthalene	683	U	472	440	69.1	62.3	1	20.0-120			7.04	32



L1852121-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1852121-03 04/26/25 22:46 • (MS) R4205954-3 04/26/25 23:07 • (MSD) R4205954-4 04/26/25 23:28

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	683	U	531	502	77.7	71.1	1	24.0-120			5.60	29
1,2-Dichlorobenzene	683	U	438	385	64.1	54.5	1	10.0-120			12.7	38
1,3-Dichlorobenzene	683	U	415	377	60.8	53.3	1	10.0-120			9.73	40
1,4-Dichlorobenzene	683	U	439	393	64.3	55.6	1	10.0-120			11.1	39
3,3-Dichlorobenzidine	1370	U	787	730	57.4	51.7	1	10.0-120			7.48	34
2,4-Dinitrotoluene	683	U	632	567	92.5	80.3	1	30.0-120			10.7	31
2,6-Dinitrotoluene	683	U	572	534	83.7	75.6	1	25.0-120			6.78	31
Hexachlorobenzene	683	U	496	456	72.6	64.5	1	27.0-120			8.32	28
Hexachloro-1,3-butadiene	683	U	382	354	56.0	50.2	1	10.0-120		J	7.56	38
Hexachlorocyclopentadiene	683	U	71.1	U	10.4	2.64	1	10.0-120	J	J J3 J6	117	40
Hexachloroethane	683	U	332	275	48.6	38.9	1	10.0-120	J	J	18.7	40
Isophorone	683	U	399	363	58.5	51.4	1	13.0-120			9.55	34
Nitrobenzene	683	U	384	365	56.3	51.7	1	10.0-120			5.14	36
n-Nitrosodimethylamine	683	U	452	400	66.1	56.7	1	10.0-127			12.1	40
n-Nitrosodiphenylamine	683	U	544	491	79.6	69.5	1	17.0-120			10.1	29
n-Nitrosodi-n-propylamine	683	U	441	393	64.6	55.6	1	10.0-120			11.6	37
Phenanthrene	683	U	513	466	75.1	65.9	1	17.0-120			9.63	31
Benzylbutyl phthalate	683	U	628	595	92.0	84.2	1	23.0-120			5.42	30
Bis(2-ethylhexyl)phthalate	683	U	652	615	95.5	87.0	1	17.0-126			5.92	30
Di-n-butyl phthalate	683	U	581	527	85.1	74.5	1	30.0-120			9.86	29
Diethyl phthalate	683	U	604	557	88.4	78.8	1	26.0-120			8.12	28
Dimethyl phthalate	683	U	561	515	82.1	72.9	1	25.0-120			8.56	29
Di-n-octyl phthalate	683	U	658	615	96.4	87.0	1	21.0-123			6.90	29
1,2,4-Trichlorobenzene	683	U	404	377	59.1	53.3	1	12.0-120			6.86	37
4-Chloro-3-methylphenol	683	U	416	398	61.0	56.4	1	15.0-120			4.47	30
2-Chlorophenol	683	U	433	385	63.3	54.5	1	15.0-120			11.5	37
2,4-Dichlorophenol	683	U	401	376	58.8	53.2	1	20.0-120			6.61	31
2,4-Dimethylphenol	683	U	354	328	51.9	46.4	1	10.0-120	J	J	7.85	33
4,6-Dinitro-2-methylphenol	683	U	407	359	59.6	50.8	1	10.0-120			12.6	39
2,4-Dinitrophenol	683	U	346	313	50.6	44.2	1	10.0-121	J	J	10.1	40
2-Nitrophenol	683	U	465	437	68.0	61.8	1	12.0-120			6.18	39
4-Nitrophenol	683	U	681	623	99.7	88.2	1	10.0-137			8.87	32
Pentachlorophenol	683	U	435	389	63.6	55.0	1	10.0-160			11.2	31
Phenol	683	U	428	386	62.7	54.7	1	12.0-120			10.2	38
2,4,6-Trichlorophenol	683	U	488	457	71.5	64.7	1	19.0-120			6.57	32
(S) 2-Fluorophenol					77.1	64.2		12.0-120				
(S) Phenol-d5					69.9	58.6		10.0-120				
(S) Nitrobenzene-d5					58.3	52.1		10.0-122				
(S) 2-Fluorobiphenyl					72.4	64.8		15.0-120				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

L1852121-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

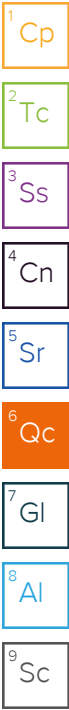
(OS) L1852121-03 04/26/25 22:46 • (MS) R4205954-3 04/26/25 23:07 • (MSD) R4205954-4 04/26/25 23:28

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					89.2	74.4		10.0-127				
(S) p-Terphenyl-d14					78.1	69.4		10.0-120				

L1852129-01 Original Spike Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1852129-01 04/26/25 23:48 • (MS) R4205954-5 04/27/25 00:09 • (MSD) R4205954-6 04/27/25 00:30

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	704	U	495	524	70.3	74.7	1	25.0-120			5.81	32
Benzidine	1410	U	137	200	9.77	14.2	1	10.0-120	J J6	J	37.0	40
Benzo(g,h,i)perylene	704	U	424	434	60.2	61.9	1	10.0-120			2.46	33
Bis(2-chlorethoxy)methane	704	U	334	335	47.4	47.7	1	10.0-120	J	J	0.316	34
Bis(2-chloroethyl)ether	704	U	283	314	40.2	44.7	1	10.0-120	J	J	10.3	40
2,2-Oxybis(1-Chloropropane)	704	U	387	398	55.0	56.8	1	10.0-120			2.96	40
4-Bromophenyl-phenylether	704	U	496	499	70.4	71.1	1	27.0-120			0.638	30
2-Chloronaphthalene	704	U	420	440	59.6	62.7	1	20.0-120			4.67	32
4-Chlorophenyl-phenylether	704	U	475	490	67.4	69.9	1	24.0-120			3.29	29
1,2-Dichlorobenzene	704	U	395	402	56.2	57.2	1	10.0-120			1.59	38
1,3-Dichlorobenzene	704	U	375	388	53.3	55.3	1	10.0-120			3.32	40
1,4-Dichlorobenzene	704	U	394	403	56.0	57.4	1	10.0-120			2.12	39
3,3-Dichlorobenzidine	1410	U	807	870	57.4	61.9	1	10.0-120			7.44	34
2,4-Dinitrotoluene	704	U	543	571	77.2	81.3	1	30.0-120			4.93	31
2,6-Dinitrotoluene	704	U	515	543	73.1	77.4	1	25.0-120			5.39	31
Hexachlorobenzene	704	U	444	450	63.1	64.2	1	27.0-120			1.42	28
Hexachloro-1,3-butadiene	704	U	346	348	49.1	49.5	1	10.0-120	J	J	0.610	38
Hexachlorocyclopentadiene	704	U	50.6	54.4	7.19	7.76	1	10.0-120	J J6	J J6	7.24	40
Hexachloroethane	704	U	297	294	42.2	41.9	1	10.0-120	J	J	1.07	40
Isophorone	704	U	359	358	51.1	51.1	1	13.0-120			0.295	34
Nitrobenzene	704	U	354	364	50.3	51.8	1	10.0-120			2.65	36
n-Nitrosodimethylamine	704	U	389	413	55.3	58.9	1	10.0-127			6.06	40
n-Nitrosodiphenylamine	704	U	490	487	69.7	69.4	1	17.0-120			0.649	29
n-Nitrosodi-n-propylamine	704	U	386	391	54.8	55.7	1	10.0-120			1.36	37
Phenanthrene	704	U	462	463	65.6	66.0	1	17.0-120			0.229	31
Benzylbutyl phthalate	704	U	569	579	80.8	82.5	1	23.0-120			1.84	30
Bis(2-ethylhexyl)phthalate	704	U	593	597	84.2	85.1	1	17.0-126			0.710	30
Di-n-butyl phthalate	704	U	517	520	73.4	74.1	1	30.0-120			0.612	29
Diethyl phthalate	704	U	536	547	76.1	78.0	1	26.0-120			2.15	28
Dimethyl phthalate	704	U	502	527	71.3	75.2	1	25.0-120			4.93	29



L1852129-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1852129-01 04/26/25 23:48 • (MS) R4205954-5 04/27/25 00:09 • (MSD) R4205954-6 04/27/25 00:30

	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
Analyte	ug/kg	ug/kg	ug/kg	ug/kg	%	%		%			%	%
Di-n-octyl phthalate	704	U	591	602	83.9	85.8	1	21.0-123			1.95	29
1,2,4-Trichlorobenzene	704	U	355	374	50.5	53.3	1	12.0-120			5.22	37
4-Chloro-3-methylphenol	704	U	386	386	54.8	55.0	1	15.0-120			0.000	30
2-Chlorophenol	704	U	379	397	53.9	56.6	1	15.0-120			4.63	37
2,4-Dichlorophenol	704	U	369	368	52.4	52.4	1	20.0-120			0.287	31
2,4-Dimethylphenol	704	U	323	324	45.9	46.2	1	10.0-120	J	J	0.326	33
4,6-Dinitro-2-methylphenol	704	U	355	349	50.5	49.7	1	10.0-120		J	1.80	39
2,4-Dinitrophenol	704	U	294	270	41.7	38.4	1	10.0-121	J	J	8.63	40
2-Nitrophenol	704	U	424	442	60.2	63.0	1	12.0-120			4.15	39
4-Nitrophenol	704	U	594	623	84.4	88.7	1	10.0-137			4.69	32
Pentachlorophenol	704	U	388	378	55.1	53.9	1	10.0-160			2.48	31
Phenol	704	U	388	385	55.1	54.8	1	12.0-120			0.821	38
2,4,6-Trichlorophenol	704	U	443	454	62.9	64.8	1	19.0-120			2.59	32
(S) 2-Fluorophenol					64.9	68.2		12.0-120				
(S) Phenol-d5					59.8	61.3		10.0-120				
(S) Nitrobenzene-d5					51.4	52.7		10.0-122				
(S) 2-Fluorobiphenyl					61.0	64.2		15.0-120				
(S) 2,4,6-Tribromophenol					74.2	73.8		10.0-127				
(S) p-Terphenyl-d14					68.2	68.4		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

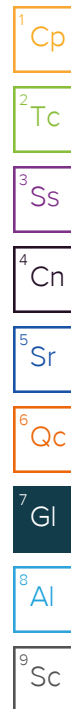
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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



# ACCREDITATIONS & LOCATIONS

## Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico <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.

