



# ANALYTICAL REPORT

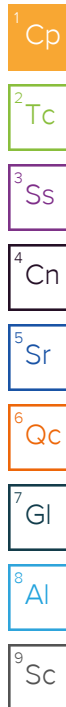
May 13, 2025

Revised Report

## CTEH - ER

Sample Delivery Group: L1852167  
Samples Received: 04/26/2025  
Project Number: PROJ-054017  
Description: Bishop Loss of Containment Incident

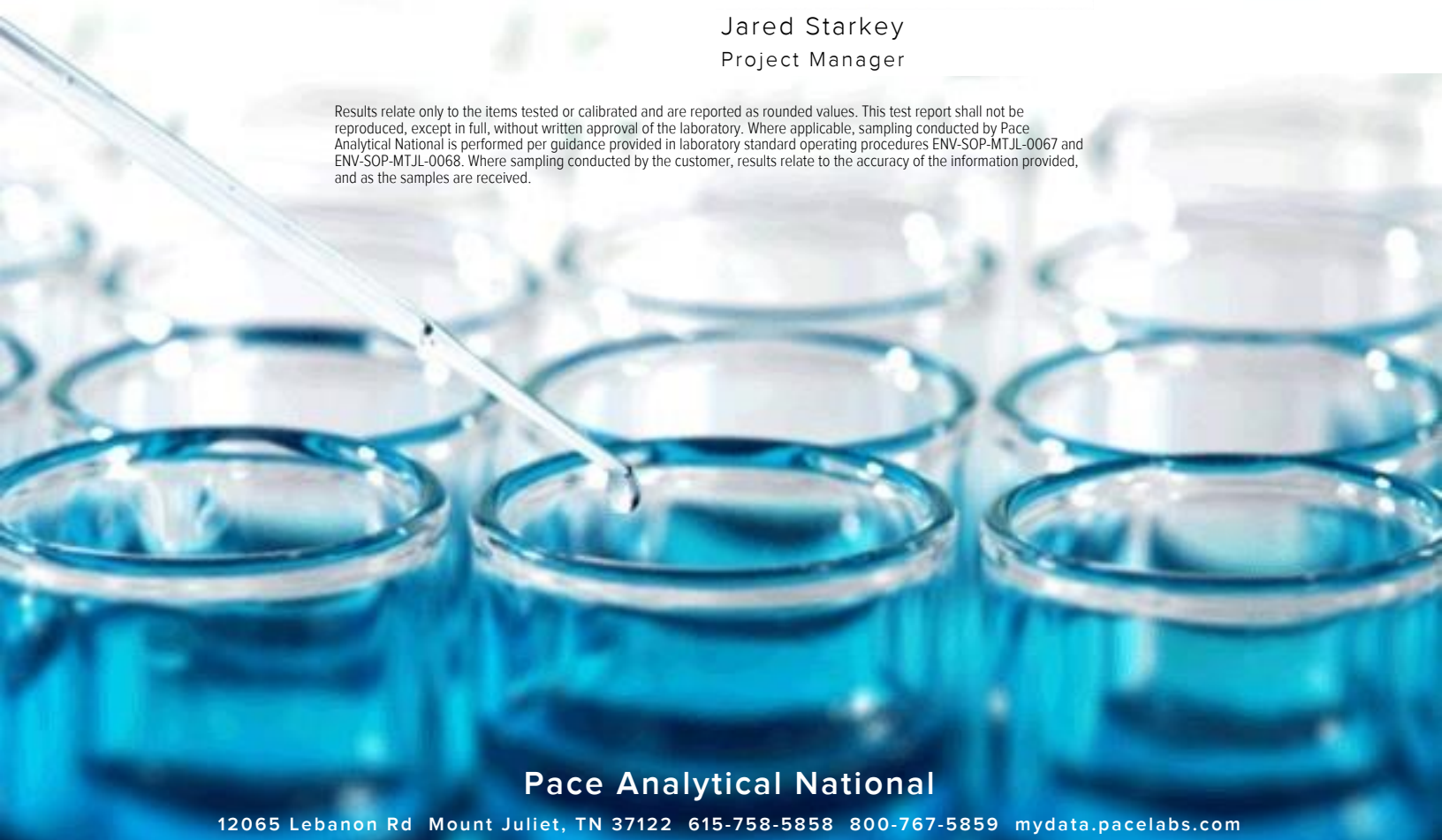
Report To: CTEH  
5120 North Shore Drive  
North Little Rock, AR 72118



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](http://mydata.pacelabs.com)

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<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

GACO0425T050S016 L1852167-01

Collected by  
Kaitlin Wykoff

Collected date/time  
04/25/25 10:55

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

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2500838	1	04/26/25 18:20	04/28/25 18:41	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	WG2500940	1	04/26/25 23:06	04/27/25 20:28	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2501022	10	04/27/25 23:34	04/28/25 18:41	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2500838	1	04/26/25 18:20	04/27/25 03:26	AJC	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2500870	5	04/26/25 17:46	04/27/25 15:54	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2500788	1	04/26/25 18:09	04/27/25 00:58	BAG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2500839	1	04/25/25 10:55	04/26/25 23:08	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2501158	1	04/25/25 10:55	04/27/25 12:21	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2500782	1	04/26/25 16:41	04/26/25 23:55	HLA	Mt. Juliet, TN



GACO0425T050S011 L1852167-02

Collected by  
Kaitlin Wykoff

Collected date/time  
04/25/25 08:45

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

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2500838	1	04/26/25 18:20	04/28/25 18:42	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	WG2500940	1	04/26/25 23:06	04/27/25 20:29	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2501022	10	04/27/25 23:34	04/28/25 18:42	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2500838	1	04/26/25 18:20	04/27/25 03:39	AJC	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2500870	5	04/26/25 17:46	04/27/25 15:54	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2500788	1	04/26/25 18:09	04/27/25 01:00	BAG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2500839	1	04/25/25 08:45	04/26/25 23:28	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2501158	1	04/25/25 08:45	04/27/25 12:41	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2500782	2	04/26/25 16:41	04/27/25 03:58	HLA	Mt. Juliet, TN

GACO0425T050S010 L1852167-03

Collected by  
Kaitlin Wykoff

Collected date/time  
04/25/25 08:30

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

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2500838	1	04/26/25 18:20	04/28/25 18:45	AEC	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2500849	1	04/26/25 17:34	04/26/25 17:45	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2500940	1	04/26/25 23:06	04/27/25 20:31	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2501022	10	04/27/25 23:34	04/28/25 18:45	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2500838	1	04/26/25 18:20	04/27/25 03:52	AJC	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2500870	4	04/26/25 17:46	04/27/25 15:55	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2500788	1	04/26/25 18:09	04/27/25 01:02	BAG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2500839	1	04/25/25 08:30	04/26/25 23:47	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2501158	1	04/25/25 08:30	04/27/25 13:00	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2500782	1	04/26/25 16:41	04/27/25 00:15	HLA	Mt. Juliet, TN

GACO0425T050S012 L1852167-04

Collected by  
Kaitlin Wykoff

Collected date/time  
04/25/25 09:05

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

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2500838	1	04/26/25 18:20	04/28/25 18:48	AEC	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2500849	1	04/26/25 17:34	04/26/25 17:45	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2500940	1	04/26/25 23:06	04/27/25 20:32	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2501022	10	04/27/25 23:34	04/28/25 18:48	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2500838	1	04/26/25 18:20	04/27/25 04:06	AJC	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2500870	5	04/26/25 17:46	04/27/25 15:55	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2500788	1	04/26/25 18:09	04/27/25 01:04	BAG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2500839	1	04/25/25 09:05	04/27/25 00:07	JAH	Mt. Juliet, TN

# SAMPLE SUMMARY

GACO0425T050S012 L1852167-04

Collected by  
Kaitlin Wykoff

Collected date/time  
04/25/25 09:05

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	WG2501158	1	04/25/25 09:05	04/27/25 13:19	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2500782	2	04/26/25 16:41	04/27/25 04:18	HLA	Mt. Juliet, TN

GACO0425T050S017 L1852167-05

Collected by  
Kaitlin Wykoff

Collected date/time  
04/25/25 11:15

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

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2500838	1	04/26/25 18:20	04/28/25 18:50	AEC	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2500849	1	04/26/25 17:34	04/26/25 17:45	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2500940	1	04/26/25 23:06	04/27/25 20:34	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2501022	10	04/27/25 23:34	04/28/25 18:50	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2500838	1	04/26/25 18:20	04/27/25 04:46	AJC	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2500870	5	04/26/25 17:46	04/27/25 15:56	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2500788	1	04/26/25 18:09	04/27/25 01:06	BAG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2500839	1	04/25/25 11:15	04/27/25 00:27	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2501158	1	04/25/25 11:15	04/27/25 13:38	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2500782	1	04/26/25 16:41	04/27/25 00:36	HLA	Mt. Juliet, TN

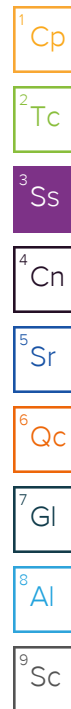
GACO0425T050T005 L1852167-06

Collected by  
Kaitlin Wykoff

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 17:57	04/26/25 17:57	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

## Report Revision History

Level II Report - Version 1: 04/28/25 21:00

## Project Comments

ID correction

## Wet Chemistry by Method 4500NOrg D-2021

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

Batch	Lab Sample ID	Analytes
WG2501022	(MS) R4206539-3, (MS) R4206539-5, (MSD) R4206539-4, (MSD) R4206539-6	Kjeldahl Nitrogen, TKN

## Metals (ICP) by Method 6010D

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

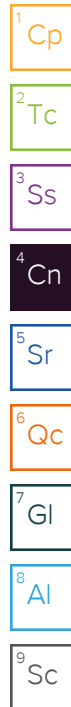
Batch	Lab Sample ID	Analytes
WG2500788	(MS) R4205752-5, (MSD) R4205752-6	Aluminum, Calcium and Iron

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

Batch	Lab Sample ID	Analytes
WG2500788	(MS) R4205752-5, (MSD) R4205752-6	Antimony, Magnesium, Manganese and Potassium

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

Batch	Lab Sample ID	Analytes
WG2500788	(MSD) R4205752-6	Aluminum and Iron



# 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	L1852167-06	1,2,4-Trichlorobenzene, Bromomethane and Naphthalene
WG2500839	L1852167-01	1,2,3-Trichlorobenzene, 1,2,3-Trichloropropane, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, 2-Butanone (MEK), 4-Methyl-2-pentanone (MIBK) and Acetone
WG2500839	L1852167-02	1,2,3-Trichlorobenzene, 1,2,3-Trichloropropane, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, 2-Butanone (MEK), 4-Methyl-2-pentanone (MIBK) and Acetone
WG2500839	L1852167-03	1,2,3-Trichlorobenzene, 1,2,3-Trichloropropane, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, 2-Butanone (MEK), 4-Methyl-2-pentanone (MIBK) and Acetone
WG2500839	L1852167-04	1,2,3-Trichlorobenzene, 1,2,3-Trichloropropane, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, 2-Butanone (MEK), 4-Methyl-2-pentanone (MIBK) and Acetone
WG2500839	L1852167-05	1,2,3-Trichlorobenzene, 1,2,3-Trichloropropane, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, 2-Butanone (MEK), 4-Methyl-2-pentanone (MIBK) and Acetone

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, L1852167-06	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, L1852167-06	Naphthalene

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

Batch	Lab Sample ID	Analytes
WG2500839	(MS) R4205786-4, (MSD) R4205786-5	Acetone

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

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

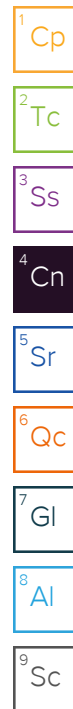
Batch	Lab Sample ID	Analytes
WG2500782	L1852167-01	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol and Hexachlorocyclopentadiene
WG2500782	L1852167-02	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol and Hexachlorocyclopentadiene
WG2500782	L1852167-03	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol and Hexachlorocyclopentadiene
WG2500782	L1852167-04	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol and Hexachlorocyclopentadiene
WG2500782	L1852167-05	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol and Hexachlorocyclopentadiene

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

Batch	Lab Sample ID	Analytes
WG2500782	L1852167-01	Benzidine and Hexachlorocyclopentadiene
WG2500782	L1852167-02	Benzidine and Hexachlorocyclopentadiene
WG2500782	L1852167-03	Benzidine and Hexachlorocyclopentadiene
WG2500782	L1852167-04	Benzidine and Hexachlorocyclopentadiene
WG2500782	L1852167-05	Benzidine and Hexachlorocyclopentadiene

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

Batch	Lab Sample ID	Analytes
WG2500782	(MS) R4205968-3, (MSD) R4205968-4	Benzidine



Calculated Results

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Total Nitrogen	1320000		21800	1	04/28/2025 18:41	<a href="#">WG2500838</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	91.7		1	04/26/2025 17:28	<a href="#">WG2500848</a>

Wet Chemistry by Method 350.1

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Ammonia Nitrogen	ND		10900	1	04/27/2025 20:28	<a href="#">WG2500940</a>

Wet Chemistry by Method 4500NOrg D-2021

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Kjeldahl Nitrogen, TKN	1290000		218000	10	04/28/2025 18:41	<a href="#">WG2501022</a>

Wet Chemistry by Method 9056A

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Nitrate-Nitrite	29800		21800	1	04/27/2025 03:26	<a href="#">WG2500838</a>

Wet Chemistry by Method WALKLEY-BLACK

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
TOC By Walkley Black	12700000		500000	5	04/27/2025 15:54	<a href="#">WG2500870</a>

Metals (ICP) by Method 6010D

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Aluminum	4960000		21800	1	04/27/2025 00:58	<a href="#">WG2500788</a>
Antimony	ND		2180	1	04/27/2025 00:58	<a href="#">WG2500788</a>
Beryllium	440		218	1	04/27/2025 00:58	<a href="#">WG2500788</a>
Calcium	2790000		109000	1	04/27/2025 00:58	<a href="#">WG2500788</a>
Cobalt	3230		1090	1	04/27/2025 00:58	<a href="#">WG2500788</a>
Iron	8680000		10900	1	04/27/2025 00:58	<a href="#">WG2500788</a>
Magnesium	1770000		109000	1	04/27/2025 00:58	<a href="#">WG2500788</a>
Manganese	200000		1090	1	04/27/2025 00:58	<a href="#">WG2500788</a>
Potassium	1350000		109000	1	04/27/2025 00:58	<a href="#">WG2500788</a>
Sodium	115000		109000	1	04/27/2025 00:58	<a href="#">WG2500788</a>
Thallium	ND		2180	1	04/27/2025 00:58	<a href="#">WG2500788</a>
Vanadium	15500		2180	1	04/27/2025 00:58	<a href="#">WG2500788</a>

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

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Acetone	ND	<a href="#">C3</a>	59.1	1	04/26/2025 23:08	<a href="#">WG2500839</a>
Acrylonitrile	ND		14.8	1	04/26/2025 23:08	<a href="#">WG2500839</a>
Bromobenzene	ND		14.8	1	04/26/2025 23:08	<a href="#">WG2500839</a>
Bromodichloromethane	ND		2.95	1	04/26/2025 23:08	<a href="#">WG2500839</a>
Bromoform	ND		29.5	1	04/26/2025 23:08	<a href="#">WG2500839</a>
Bromomethane	ND		14.8	1	04/26/2025 23:08	<a href="#">WG2500839</a>



GACO0425T050S016

Collected date/time: 04/25/25 10:55

## SAMPLE RESULTS - 01

L1852167

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
n-Butylbenzene	ND		14.8	1	04/26/2025 23:08	<a href="#">WG2500839</a>
sec-Butylbenzene	ND		14.8	1	04/26/2025 23:08	<a href="#">WG2500839</a>
tert-Butylbenzene	ND		5.91	1	04/26/2025 23:08	<a href="#">WG2500839</a>
Carbon tetrachloride	ND		5.91	1	04/26/2025 23:08	<a href="#">WG2500839</a>
Chlorobenzene	ND		2.95	1	04/26/2025 23:08	<a href="#">WG2500839</a>
Chlorodibromomethane	ND		2.95	1	04/26/2025 23:08	<a href="#">WG2500839</a>
Chloroethane	ND		5.91	1	04/26/2025 23:08	<a href="#">WG2500839</a>
Chloroform	ND		2.95	1	04/26/2025 23:08	<a href="#">WG2500839</a>
Chloromethane	ND		14.8	1	04/26/2025 23:08	<a href="#">WG2500839</a>
2-Chlorotoluene	ND		2.95	1	04/26/2025 23:08	<a href="#">WG2500839</a>
4-Chlorotoluene	ND		5.91	1	04/26/2025 23:08	<a href="#">WG2500839</a>
1,2-Dibromo-3-Chloropropane	ND	<a href="#">C3</a>	29.5	1	04/26/2025 23:08	<a href="#">WG2500839</a>
1,2-Dibromoethane	ND		2.95	1	04/26/2025 23:08	<a href="#">WG2500839</a>
Dibromomethane	ND		5.91	1	04/26/2025 23:08	<a href="#">WG2500839</a>
1,2-Dichlorobenzene	ND		5.91	1	04/26/2025 23:08	<a href="#">WG2500839</a>
1,3-Dichlorobenzene	ND		5.91	1	04/26/2025 23:08	<a href="#">WG2500839</a>
1,4-Dichlorobenzene	ND		5.91	1	04/26/2025 23:08	<a href="#">WG2500839</a>
Dichlorodifluoromethane	ND		5.91	1	04/26/2025 23:08	<a href="#">WG2500839</a>
1,1-Dichloroethane	ND		2.95	1	04/26/2025 23:08	<a href="#">WG2500839</a>
1,2-Dichloroethane	ND		2.95	1	04/26/2025 23:08	<a href="#">WG2500839</a>
1,1-Dichloroethene	ND		2.95	1	04/26/2025 23:08	<a href="#">WG2500839</a>
cis-1,2-Dichloroethene	ND		2.95	1	04/26/2025 23:08	<a href="#">WG2500839</a>
trans-1,2-Dichloroethene	ND		5.91	1	04/26/2025 23:08	<a href="#">WG2500839</a>
1,2-Dichloropropane	ND		5.91	1	04/26/2025 23:08	<a href="#">WG2500839</a>
1,1-Dichloropropene	ND		2.95	1	04/26/2025 23:08	<a href="#">WG2500839</a>
1,3-Dichloropropane	ND		5.91	1	04/26/2025 23:08	<a href="#">WG2500839</a>
cis-1,3-Dichloropropene	ND		2.95	1	04/26/2025 23:08	<a href="#">WG2500839</a>
trans-1,3-Dichloropropene	ND		5.91	1	04/26/2025 23:08	<a href="#">WG2500839</a>
2,2-Dichloropropane	ND		2.95	1	04/26/2025 23:08	<a href="#">WG2500839</a>
Di-isopropyl ether	ND		1.18	1	04/26/2025 23:08	<a href="#">WG2500839</a>
Hexachloro-1,3-butadiene	ND		29.5	1	04/26/2025 23:08	<a href="#">WG2500839</a>
Isopropylbenzene	ND		2.95	1	04/26/2025 23:08	<a href="#">WG2500839</a>
p-Isopropyltoluene	ND		5.91	1	04/26/2025 23:08	<a href="#">WG2500839</a>
2-Butanone (MEK)	ND	<a href="#">C3</a>	118	1	04/26/2025 23:08	<a href="#">WG2500839</a>
Methylene Chloride	ND		29.5	1	04/26/2025 23:08	<a href="#">WG2500839</a>
4-Methyl-2-pentanone (MIBK)	ND	<a href="#">C3</a>	29.5	1	04/26/2025 23:08	<a href="#">WG2500839</a>
Methyl tert-butyl ether	ND		1.18	1	04/26/2025 23:08	<a href="#">WG2500839</a>
n-Propylbenzene	ND		5.91	1	04/26/2025 23:08	<a href="#">WG2500839</a>
Styrene	ND		14.8	1	04/26/2025 23:08	<a href="#">WG2500839</a>
1,1,1,2-Tetrachloroethane	ND		2.95	1	04/26/2025 23:08	<a href="#">WG2500839</a>
1,1,2,2-Tetrachloroethane	ND		2.95	1	04/27/2025 12:21	<a href="#">WG2501158</a>
1,1,2-Trichlorotrifluoroethane	ND		2.95	1	04/26/2025 23:08	<a href="#">WG2500839</a>
Tetrachloroethene	ND		2.95	1	04/26/2025 23:08	<a href="#">WG2500839</a>
1,2,3-Trichlorobenzene	ND	<a href="#">C3</a>	14.8	1	04/26/2025 23:08	<a href="#">WG2500839</a>
1,2,4-Trichlorobenzene	ND	<a href="#">C3</a>	14.8	1	04/26/2025 23:08	<a href="#">WG2500839</a>
1,1,1-Trichloroethane	ND		2.95	1	04/26/2025 23:08	<a href="#">WG2500839</a>
1,1,2-Trichloroethane	ND		2.95	1	04/26/2025 23:08	<a href="#">WG2500839</a>
Trichloroethene	ND		1.18	1	04/26/2025 23:08	<a href="#">WG2500839</a>
Trichlorofluoromethane	ND		2.95	1	04/26/2025 23:08	<a href="#">WG2500839</a>
1,2,3-Trichloropropane	ND	<a href="#">C3</a>	14.8	1	04/26/2025 23:08	<a href="#">WG2500839</a>
1,2,3-Trimethylbenzene	ND		5.91	1	04/26/2025 23:08	<a href="#">WG2500839</a>
Vinyl chloride	ND		2.95	1	04/26/2025 23:08	<a href="#">WG2500839</a>
(S) Toluene-d8	97.4		75.0-131		04/26/2025 23:08	<a href="#">WG2500839</a>
(S) Toluene-d8	87.9		75.0-131		04/27/2025 12:21	<a href="#">WG2501158</a>
(S) 4-Bromofluorobenzene	97.5		67.0-138		04/26/2025 23:08	<a href="#">WG2500839</a>
(S) 4-Bromofluorobenzene	115		67.0-138		04/27/2025 12:21	<a href="#">WG2501158</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



GACO0425T050S016

Collected date/time: 04/25/25 10:55

## SAMPLE RESULTS - 01

L1852167

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
(S) 1,2-Dichloroethane-d4	81.9		70.0-130		04/26/2025 23:08	<a href="#">WG2500839</a>
(S) 1,2-Dichloroethane-d4	127		70.0-130		04/27/2025 12:21	<a href="#">WG2501158</a>

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		36.3	1	04/26/2025 23:55	<a href="#">WG2500782</a>
Benzidine	ND	<a href="#">C7</a>	1820	1	04/26/2025 23:55	<a href="#">WG2500782</a>
Benzo(g,h,i)perylene	ND		36.3	1	04/26/2025 23:55	<a href="#">WG2500782</a>
Bis(2-chlorethoxy)methane	ND		363	1	04/26/2025 23:55	<a href="#">WG2500782</a>
Bis(2-chloroethyl)ether	ND		363	1	04/26/2025 23:55	<a href="#">WG2500782</a>
2,2-Oxybis(1-Chloropropane)	ND	<a href="#">C3</a>	363	1	04/26/2025 23:55	<a href="#">WG2500782</a>
4-Bromophenyl-phenylether	ND		363	1	04/26/2025 23:55	<a href="#">WG2500782</a>
2-Chloronaphthalene	ND		36.3	1	04/26/2025 23:55	<a href="#">WG2500782</a>
4-Chlorophenyl-phenylether	ND		363	1	04/26/2025 23:55	<a href="#">WG2500782</a>
1,2-Dichlorobenzene	ND		363	1	04/26/2025 23:55	<a href="#">WG2500782</a>
1,3-Dichlorobenzene	ND		363	1	04/26/2025 23:55	<a href="#">WG2500782</a>
1,4-Dichlorobenzene	ND		363	1	04/26/2025 23:55	<a href="#">WG2500782</a>
3,3-Dichlorobenzidine	ND		363	1	04/26/2025 23:55	<a href="#">WG2500782</a>
2,4-Dinitrotoluene	ND		363	1	04/26/2025 23:55	<a href="#">WG2500782</a>
2,6-Dinitrotoluene	ND		363	1	04/26/2025 23:55	<a href="#">WG2500782</a>
Hexachlorobenzene	ND		363	1	04/26/2025 23:55	<a href="#">WG2500782</a>
Hexachloro-1,3-butadiene	ND		363	1	04/26/2025 23:55	<a href="#">WG2500782</a>
Hexachlorocyclopentadiene	ND	<a href="#">C3 C7</a>	363	1	04/26/2025 23:55	<a href="#">WG2500782</a>
Hexachloroethane	ND		363	1	04/26/2025 23:55	<a href="#">WG2500782</a>
Isophorone	ND		363	1	04/26/2025 23:55	<a href="#">WG2500782</a>
Nitrobenzene	ND		363	1	04/26/2025 23:55	<a href="#">WG2500782</a>
n-Nitrosodimethylamine	ND		363	1	04/26/2025 23:55	<a href="#">WG2500782</a>
n-Nitrosodiphenylamine	ND		363	1	04/26/2025 23:55	<a href="#">WG2500782</a>
n-Nitrosodi-n-propylamine	ND		363	1	04/26/2025 23:55	<a href="#">WG2500782</a>
Phenanthrene	ND		36.3	1	04/26/2025 23:55	<a href="#">WG2500782</a>
Benzylbutyl phthalate	ND		363	1	04/26/2025 23:55	<a href="#">WG2500782</a>
Bis(2-ethylhexyl)phthalate	ND		363	1	04/26/2025 23:55	<a href="#">WG2500782</a>
Di-n-butyl phthalate	ND		363	1	04/26/2025 23:55	<a href="#">WG2500782</a>
Diethyl phthalate	ND		363	1	04/26/2025 23:55	<a href="#">WG2500782</a>
Dimethyl phthalate	ND		363	1	04/26/2025 23:55	<a href="#">WG2500782</a>
Di-n-octyl phthalate	ND		363	1	04/26/2025 23:55	<a href="#">WG2500782</a>
1,2,4-Trichlorobenzene	ND		363	1	04/26/2025 23:55	<a href="#">WG2500782</a>
4-Chloro-3-methylphenol	ND		363	1	04/26/2025 23:55	<a href="#">WG2500782</a>
2-Chlorophenol	ND		363	1	04/26/2025 23:55	<a href="#">WG2500782</a>
2,4-Dichlorophenol	ND		363	1	04/26/2025 23:55	<a href="#">WG2500782</a>
2,4-Dimethylphenol	ND	<a href="#">C3</a>	363	1	04/26/2025 23:55	<a href="#">WG2500782</a>
4,6-Dinitro-2-methylphenol	ND		363	1	04/26/2025 23:55	<a href="#">WG2500782</a>
2,4-Dinitrophenol	ND		363	1	04/26/2025 23:55	<a href="#">WG2500782</a>
2-Nitrophenol	ND		363	1	04/26/2025 23:55	<a href="#">WG2500782</a>
4-Nitrophenol	ND		363	1	04/26/2025 23:55	<a href="#">WG2500782</a>
Pentachlorophenol	ND		363	1	04/26/2025 23:55	<a href="#">WG2500782</a>
Phenol	ND		363	1	04/26/2025 23:55	<a href="#">WG2500782</a>
2,4,6-Trichlorophenol	ND		363	1	04/26/2025 23:55	<a href="#">WG2500782</a>
(S) 2-Fluorophenol	68.3		12.0-120		04/26/2025 23:55	<a href="#">WG2500782</a>
(S) Phenol-d5	63.0		10.0-120		04/26/2025 23:55	<a href="#">WG2500782</a>
(S) Nitrobenzene-d5	65.5		10.0-122		04/26/2025 23:55	<a href="#">WG2500782</a>
(S) 2-Fluorobiphenyl	71.2		15.0-120		04/26/2025 23:55	<a href="#">WG2500782</a>
(S) 2,4,6-Tribromophenol	106		10.0-127		04/26/2025 23:55	<a href="#">WG2500782</a>
(S) p-Terphenyl-d14	70.8		10.0-120		04/26/2025 23:55	<a href="#">WG2500782</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Calculated Results

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Total Nitrogen	1510000		21400	1	04/28/2025 18:42	<a href="#">WG2500838</a>

<sup>1</sup> Cp

<sup>2</sup> Tc

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	93.5		1	04/26/2025 17:28	<a href="#">WG2500848</a>

<sup>3</sup> Ss

<sup>4</sup> Cn

Wet Chemistry by Method 350.1

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Ammonia Nitrogen	ND		10700	1	04/27/2025 20:29	<a href="#">WG2500940</a>

<sup>5</sup> Sr

<sup>6</sup> Qc

Wet Chemistry by Method 4500NOrg D-2021

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Kjeldahl Nitrogen, TKN	1500000		214000	10	04/28/2025 18:42	<a href="#">WG2501022</a>

<sup>7</sup> Gl

<sup>8</sup> Al

Wet Chemistry by Method 9056A

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Nitrate-Nitrite	ND		21400	1	04/27/2025 03:39	<a href="#">WG2500838</a>

<sup>9</sup> Sc

Wet Chemistry by Method WALKLEY-BLACK

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
TOC By Walkley Black	16100000		500000	5	04/27/2025 15:54	<a href="#">WG2500870</a>

Metals (ICP) by Method 6010D

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Aluminum	6310000		21400	1	04/27/2025 01:00	<a href="#">WG2500788</a>
Antimony	ND		2140	1	04/27/2025 01:00	<a href="#">WG2500788</a>
Beryllium	449		214	1	04/27/2025 01:00	<a href="#">WG2500788</a>
Calcium	6230000		107000	1	04/27/2025 01:00	<a href="#">WG2500788</a>
Cobalt	3820		1070	1	04/27/2025 01:00	<a href="#">WG2500788</a>
Iron	8440000		10700	1	04/27/2025 01:00	<a href="#">WG2500788</a>
Magnesium	2160000		107000	1	04/27/2025 01:00	<a href="#">WG2500788</a>
Manganese	201000		1070	1	04/27/2025 01:00	<a href="#">WG2500788</a>
Potassium	2130000		107000	1	04/27/2025 01:00	<a href="#">WG2500788</a>
Sodium	150000		107000	1	04/27/2025 01:00	<a href="#">WG2500788</a>
Thallium	ND		2140	1	04/27/2025 01:00	<a href="#">WG2500788</a>
Vanadium	15100		2140	1	04/27/2025 01:00	<a href="#">WG2500788</a>

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

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Acetone	ND	<a href="#">C3</a>	56.9	1	04/26/2025 23:28	<a href="#">WG2500839</a>
Acrylonitrile	ND		14.2	1	04/26/2025 23:28	<a href="#">WG2500839</a>
Bromobenzene	ND		14.2	1	04/26/2025 23:28	<a href="#">WG2500839</a>
Bromodichloromethane	ND		2.85	1	04/26/2025 23:28	<a href="#">WG2500839</a>
Bromoform	ND		28.5	1	04/26/2025 23:28	<a href="#">WG2500839</a>
Bromomethane	ND		14.2	1	04/26/2025 23:28	<a href="#">WG2500839</a>

GACO0425T050S011

Collected date/time: 04/25/25 08:45

## SAMPLE RESULTS - 02

L1852167

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
n-Butylbenzene	ND		14.2	1	04/26/2025 23:28	<a href="#">WG2500839</a>
sec-Butylbenzene	ND		14.2	1	04/26/2025 23:28	<a href="#">WG2500839</a>
tert-Butylbenzene	ND		5.69	1	04/26/2025 23:28	<a href="#">WG2500839</a>
Carbon tetrachloride	ND		5.69	1	04/26/2025 23:28	<a href="#">WG2500839</a>
Chlorobenzene	ND		2.85	1	04/26/2025 23:28	<a href="#">WG2500839</a>
Chlorodibromomethane	ND		2.85	1	04/26/2025 23:28	<a href="#">WG2500839</a>
Chloroethane	ND		5.69	1	04/26/2025 23:28	<a href="#">WG2500839</a>
Chloroform	ND		2.85	1	04/26/2025 23:28	<a href="#">WG2500839</a>
Chloromethane	ND		14.2	1	04/26/2025 23:28	<a href="#">WG2500839</a>
2-Chlorotoluene	ND		2.85	1	04/26/2025 23:28	<a href="#">WG2500839</a>
4-Chlorotoluene	ND		5.69	1	04/26/2025 23:28	<a href="#">WG2500839</a>
1,2-Dibromo-3-Chloropropane	ND	<a href="#">C3</a>	28.5	1	04/26/2025 23:28	<a href="#">WG2500839</a>
1,2-Dibromoethane	ND		2.85	1	04/26/2025 23:28	<a href="#">WG2500839</a>
Dibromomethane	ND		5.69	1	04/26/2025 23:28	<a href="#">WG2500839</a>
1,2-Dichlorobenzene	ND		5.69	1	04/26/2025 23:28	<a href="#">WG2500839</a>
1,3-Dichlorobenzene	ND		5.69	1	04/26/2025 23:28	<a href="#">WG2500839</a>
1,4-Dichlorobenzene	ND		5.69	1	04/26/2025 23:28	<a href="#">WG2500839</a>
Dichlorodifluoromethane	ND		5.69	1	04/26/2025 23:28	<a href="#">WG2500839</a>
1,1-Dichloroethane	ND		2.85	1	04/26/2025 23:28	<a href="#">WG2500839</a>
1,2-Dichloroethane	ND		2.85	1	04/26/2025 23:28	<a href="#">WG2500839</a>
1,1-Dichloroethene	ND		2.85	1	04/26/2025 23:28	<a href="#">WG2500839</a>
cis-1,2-Dichloroethene	ND		2.85	1	04/26/2025 23:28	<a href="#">WG2500839</a>
trans-1,2-Dichloroethene	ND		5.69	1	04/26/2025 23:28	<a href="#">WG2500839</a>
1,2-Dichloropropane	ND		5.69	1	04/26/2025 23:28	<a href="#">WG2500839</a>
1,1-Dichloropropene	ND		2.85	1	04/26/2025 23:28	<a href="#">WG2500839</a>
1,3-Dichloropropane	ND		5.69	1	04/26/2025 23:28	<a href="#">WG2500839</a>
cis-1,3-Dichloropropene	ND		2.85	1	04/26/2025 23:28	<a href="#">WG2500839</a>
trans-1,3-Dichloropropene	ND		5.69	1	04/26/2025 23:28	<a href="#">WG2500839</a>
2,2-Dichloropropane	ND		2.85	1	04/26/2025 23:28	<a href="#">WG2500839</a>
Di-isopropyl ether	ND		1.14	1	04/26/2025 23:28	<a href="#">WG2500839</a>
Hexachloro-1,3-butadiene	ND		28.5	1	04/26/2025 23:28	<a href="#">WG2500839</a>
Isopropylbenzene	ND		2.85	1	04/26/2025 23:28	<a href="#">WG2500839</a>
p-Isopropyltoluene	ND		5.69	1	04/26/2025 23:28	<a href="#">WG2500839</a>
2-Butanone (MEK)	ND	<a href="#">C3</a>	114	1	04/26/2025 23:28	<a href="#">WG2500839</a>
Methylene Chloride	ND		28.5	1	04/26/2025 23:28	<a href="#">WG2500839</a>
4-Methyl-2-pentanone (MIBK)	ND	<a href="#">C3</a>	28.5	1	04/26/2025 23:28	<a href="#">WG2500839</a>
Methyl tert-butyl ether	ND		1.14	1	04/26/2025 23:28	<a href="#">WG2500839</a>
n-Propylbenzene	ND		5.69	1	04/26/2025 23:28	<a href="#">WG2500839</a>
Styrene	ND		14.2	1	04/26/2025 23:28	<a href="#">WG2500839</a>
1,1,1,2-Tetrachloroethane	ND		2.85	1	04/26/2025 23:28	<a href="#">WG2500839</a>
1,1,2,2-Tetrachloroethane	ND		2.85	1	04/27/2025 12:41	<a href="#">WG2501158</a>
1,1,2-Trichlorotrifluoroethane	ND		2.85	1	04/26/2025 23:28	<a href="#">WG2500839</a>
Tetrachloroethene	ND		2.85	1	04/26/2025 23:28	<a href="#">WG2500839</a>
1,2,3-Trichlorobenzene	ND	<a href="#">C3</a>	14.2	1	04/26/2025 23:28	<a href="#">WG2500839</a>
1,2,4-Trichlorobenzene	ND	<a href="#">C3</a>	14.2	1	04/26/2025 23:28	<a href="#">WG2500839</a>
1,1,1-Trichloroethane	ND		2.85	1	04/26/2025 23:28	<a href="#">WG2500839</a>
1,1,2-Trichloroethane	ND		2.85	1	04/26/2025 23:28	<a href="#">WG2500839</a>
Trichloroethene	ND		1.14	1	04/26/2025 23:28	<a href="#">WG2500839</a>
Trichlorofluoromethane	ND		2.85	1	04/26/2025 23:28	<a href="#">WG2500839</a>
1,2,3-Trichloropropane	ND	<a href="#">C3</a>	14.2	1	04/26/2025 23:28	<a href="#">WG2500839</a>
1,2,3-Trimethylbenzene	ND		5.69	1	04/26/2025 23:28	<a href="#">WG2500839</a>
Vinyl chloride	ND		2.85	1	04/26/2025 23:28	<a href="#">WG2500839</a>
(S) Toluene-d8	97.2		75.0-131		04/26/2025 23:28	<a href="#">WG2500839</a>
(S) Toluene-d8	94.4		75.0-131		04/27/2025 12:41	<a href="#">WG2501158</a>
(S) 4-Bromofluorobenzene	94.8		67.0-138		04/26/2025 23:28	<a href="#">WG2500839</a>
(S) 4-Bromofluorobenzene	99.3		67.0-138		04/27/2025 12:41	<a href="#">WG2501158</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

GAC00425T050S011

Collected date/time: 04/25/25 08:45

## SAMPLE RESULTS - 02

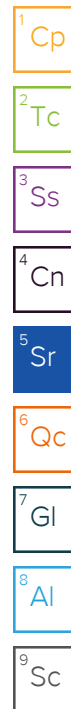
L1852167

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
(S) 1,2-Dichloroethane-d4	82.4		70.0-130		04/26/2025 23:28	<a href="#">WG2500839</a>
(S) 1,2-Dichloroethane-d4	110		70.0-130		04/27/2025 12:41	<a href="#">WG2501158</a>

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		71.2	2	04/27/2025 03:58	<a href="#">WG2500782</a>
Benzidine	ND	<a href="#">C7</a>	3570	2	04/27/2025 03:58	<a href="#">WG2500782</a>
Benzo(g,h,i)perylene	ND		71.2	2	04/27/2025 03:58	<a href="#">WG2500782</a>
Bis(2-chlorethoxy)methane	ND		712	2	04/27/2025 03:58	<a href="#">WG2500782</a>
Bis(2-chloroethyl)ether	ND		712	2	04/27/2025 03:58	<a href="#">WG2500782</a>
2,2-Oxybis(1-Chloropropane)	ND	<a href="#">C3</a>	712	2	04/27/2025 03:58	<a href="#">WG2500782</a>
4-Bromophenyl-phenylether	ND		712	2	04/27/2025 03:58	<a href="#">WG2500782</a>
2-Chloronaphthalene	ND		71.2	2	04/27/2025 03:58	<a href="#">WG2500782</a>
4-Chlorophenyl-phenylether	ND		712	2	04/27/2025 03:58	<a href="#">WG2500782</a>
1,2-Dichlorobenzene	ND		712	2	04/27/2025 03:58	<a href="#">WG2500782</a>
1,3-Dichlorobenzene	ND		712	2	04/27/2025 03:58	<a href="#">WG2500782</a>
1,4-Dichlorobenzene	ND		712	2	04/27/2025 03:58	<a href="#">WG2500782</a>
3,3-Dichlorobenzidine	ND		712	2	04/27/2025 03:58	<a href="#">WG2500782</a>
2,4-Dinitrotoluene	ND		712	2	04/27/2025 03:58	<a href="#">WG2500782</a>
2,6-Dinitrotoluene	ND		712	2	04/27/2025 03:58	<a href="#">WG2500782</a>
Hexachlorobenzene	ND		712	2	04/27/2025 03:58	<a href="#">WG2500782</a>
Hexachloro-1,3-butadiene	ND		712	2	04/27/2025 03:58	<a href="#">WG2500782</a>
Hexachlorocyclopentadiene	ND	<a href="#">C3 C7</a>	712	2	04/27/2025 03:58	<a href="#">WG2500782</a>
Hexachloroethane	ND		712	2	04/27/2025 03:58	<a href="#">WG2500782</a>
Isophorone	ND		712	2	04/27/2025 03:58	<a href="#">WG2500782</a>
Nitrobenzene	ND		712	2	04/27/2025 03:58	<a href="#">WG2500782</a>
n-Nitrosodimethylamine	ND		712	2	04/27/2025 03:58	<a href="#">WG2500782</a>
n-Nitrosodiphenylamine	ND		712	2	04/27/2025 03:58	<a href="#">WG2500782</a>
n-Nitrosodi-n-propylamine	ND		712	2	04/27/2025 03:58	<a href="#">WG2500782</a>
Phenanthrene	ND		71.2	2	04/27/2025 03:58	<a href="#">WG2500782</a>
Benzylbutyl phthalate	ND		712	2	04/27/2025 03:58	<a href="#">WG2500782</a>
Bis(2-ethylhexyl)phthalate	ND		712	2	04/27/2025 03:58	<a href="#">WG2500782</a>
Di-n-butyl phthalate	ND		712	2	04/27/2025 03:58	<a href="#">WG2500782</a>
Diethyl phthalate	ND		712	2	04/27/2025 03:58	<a href="#">WG2500782</a>
Dimethyl phthalate	ND		712	2	04/27/2025 03:58	<a href="#">WG2500782</a>
Di-n-octyl phthalate	ND		712	2	04/27/2025 03:58	<a href="#">WG2500782</a>
1,2,4-Trichlorobenzene	ND		712	2	04/27/2025 03:58	<a href="#">WG2500782</a>
4-Chloro-3-methylphenol	ND		712	2	04/27/2025 03:58	<a href="#">WG2500782</a>
2-Chlorophenol	ND		712	2	04/27/2025 03:58	<a href="#">WG2500782</a>
2,4-Dichlorophenol	ND		712	2	04/27/2025 03:58	<a href="#">WG2500782</a>
2,4-Dimethylphenol	ND	<a href="#">C3</a>	712	2	04/27/2025 03:58	<a href="#">WG2500782</a>
4,6-Dinitro-2-methylphenol	ND		712	2	04/27/2025 03:58	<a href="#">WG2500782</a>
2,4-Dinitrophenol	ND		712	2	04/27/2025 03:58	<a href="#">WG2500782</a>
2-Nitrophenol	ND		712	2	04/27/2025 03:58	<a href="#">WG2500782</a>
4-Nitrophenol	ND		712	2	04/27/2025 03:58	<a href="#">WG2500782</a>
Pentachlorophenol	ND		712	2	04/27/2025 03:58	<a href="#">WG2500782</a>
Phenol	ND		712	2	04/27/2025 03:58	<a href="#">WG2500782</a>
2,4,6-Trichlorophenol	ND		712	2	04/27/2025 03:58	<a href="#">WG2500782</a>
(S) 2-Fluorophenol	54.1		12.0-120		04/27/2025 03:58	<a href="#">WG2500782</a>
(S) Phenol-d5	51.6		10.0-120		04/27/2025 03:58	<a href="#">WG2500782</a>
(S) Nitrobenzene-d5	51.9		10.0-122		04/27/2025 03:58	<a href="#">WG2500782</a>
(S) 2-Fluorobiphenyl	54.7		15.0-120		04/27/2025 03:58	<a href="#">WG2500782</a>
(S) 2,4,6-Tribromophenol	85.0		10.0-127		04/27/2025 03:58	<a href="#">WG2500782</a>
(S) p-Terphenyl-d14	64.4		10.0-120		04/27/2025 03:58	<a href="#">WG2500782</a>



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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
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Sample Narrative:

L1852167-02 WG2500782: Dilution due to matrix impact during extract concentration procedure.

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Calculated Results

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Total Nitrogen	1580000		21500	1	04/28/2025 18:45	<a href="#">WG2500838</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	92.9		1	04/26/2025 17:45	<a href="#">WG2500849</a>

Wet Chemistry by Method 350.1

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Ammonia Nitrogen	ND		10800	1	04/27/2025 20:31	<a href="#">WG2500940</a>

Wet Chemistry by Method 4500NOrg D-2021

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Kjeldahl Nitrogen, TKN	1530000		215000	10	04/28/2025 18:45	<a href="#">WG2501022</a>

Wet Chemistry by Method 9056A

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Nitrate-Nitrite	47400		21500	1	04/27/2025 03:52	<a href="#">WG2500838</a>

Wet Chemistry by Method WALKLEY-BLACK

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
TOC By Walkley Black	11200000		400000	4	04/27/2025 15:55	<a href="#">WG2500870</a>

Metals (ICP) by Method 6010D

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Aluminum	6540000		21500	1	04/27/2025 01:02	<a href="#">WG2500788</a>
Antimony	ND		2150	1	04/27/2025 01:02	<a href="#">WG2500788</a>
Beryllium	488		215	1	04/27/2025 01:02	<a href="#">WG2500788</a>
Calcium	3010000		108000	1	04/27/2025 01:02	<a href="#">WG2500788</a>
Cobalt	3630		1080	1	04/27/2025 01:02	<a href="#">WG2500788</a>
Iron	9930000		10800	1	04/27/2025 01:02	<a href="#">WG2500788</a>
Magnesium	2020000		108000	1	04/27/2025 01:02	<a href="#">WG2500788</a>
Manganese	219000		1080	1	04/27/2025 01:02	<a href="#">WG2500788</a>
Potassium	1920000		108000	1	04/27/2025 01:02	<a href="#">WG2500788</a>
Sodium	178000		108000	1	04/27/2025 01:02	<a href="#">WG2500788</a>
Thallium	ND		2150	1	04/27/2025 01:02	<a href="#">WG2500788</a>
Vanadium	16000		2150	1	04/27/2025 01:02	<a href="#">WG2500788</a>

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

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Acetone	ND	<a href="#">C3</a>	57.6	1	04/26/2025 23:47	<a href="#">WG2500839</a>
Acrylonitrile	ND		14.4	1	04/26/2025 23:47	<a href="#">WG2500839</a>
Bromobenzene	ND		14.4	1	04/26/2025 23:47	<a href="#">WG2500839</a>
Bromodichloromethane	ND		2.88	1	04/26/2025 23:47	<a href="#">WG2500839</a>
Bromoform	ND		28.8	1	04/26/2025 23:47	<a href="#">WG2500839</a>
Bromomethane	ND		14.4	1	04/26/2025 23:47	<a href="#">WG2500839</a>

GACO0425T050S010

Collected date/time: 04/25/25 08:30

SAMPLE RESULTS - 03

L1852167

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
n-Butylbenzene	ND		14.4	1	04/26/2025 23:47	<a href="#">WG2500839</a>
sec-Butylbenzene	ND		14.4	1	04/26/2025 23:47	<a href="#">WG2500839</a>
tert-Butylbenzene	ND		5.76	1	04/26/2025 23:47	<a href="#">WG2500839</a>
Carbon tetrachloride	ND		5.76	1	04/26/2025 23:47	<a href="#">WG2500839</a>
Chlorobenzene	ND		2.88	1	04/26/2025 23:47	<a href="#">WG2500839</a>
Chlorodibromomethane	ND		2.88	1	04/26/2025 23:47	<a href="#">WG2500839</a>
Chloroethane	ND		5.76	1	04/26/2025 23:47	<a href="#">WG2500839</a>
Chloroform	ND		2.88	1	04/26/2025 23:47	<a href="#">WG2500839</a>
Chloromethane	ND		14.4	1	04/26/2025 23:47	<a href="#">WG2500839</a>
2-Chlorotoluene	ND		2.88	1	04/26/2025 23:47	<a href="#">WG2500839</a>
4-Chlorotoluene	ND		5.76	1	04/26/2025 23:47	<a href="#">WG2500839</a>
1,2-Dibromo-3-Chloropropane	ND	<a href="#">C3</a>	28.8	1	04/26/2025 23:47	<a href="#">WG2500839</a>
1,2-Dibromoethane	ND		2.88	1	04/26/2025 23:47	<a href="#">WG2500839</a>
Dibromomethane	ND		5.76	1	04/26/2025 23:47	<a href="#">WG2500839</a>
1,2-Dichlorobenzene	ND		5.76	1	04/26/2025 23:47	<a href="#">WG2500839</a>
1,3-Dichlorobenzene	ND		5.76	1	04/26/2025 23:47	<a href="#">WG2500839</a>
1,4-Dichlorobenzene	ND		5.76	1	04/26/2025 23:47	<a href="#">WG2500839</a>
Dichlorodifluoromethane	ND		5.76	1	04/26/2025 23:47	<a href="#">WG2500839</a>
1,1-Dichloroethane	ND		2.88	1	04/26/2025 23:47	<a href="#">WG2500839</a>
1,2-Dichloroethane	ND		2.88	1	04/26/2025 23:47	<a href="#">WG2500839</a>
1,1-Dichloroethene	ND		2.88	1	04/26/2025 23:47	<a href="#">WG2500839</a>
cis-1,2-Dichloroethene	ND		2.88	1	04/26/2025 23:47	<a href="#">WG2500839</a>
trans-1,2-Dichloroethene	ND		5.76	1	04/26/2025 23:47	<a href="#">WG2500839</a>
1,2-Dichloropropane	ND		5.76	1	04/26/2025 23:47	<a href="#">WG2500839</a>
1,1-Dichloropropene	ND		2.88	1	04/26/2025 23:47	<a href="#">WG2500839</a>
1,3-Dichloropropane	ND		5.76	1	04/26/2025 23:47	<a href="#">WG2500839</a>
cis-1,3-Dichloropropene	ND		2.88	1	04/26/2025 23:47	<a href="#">WG2500839</a>
trans-1,3-Dichloropropene	ND		5.76	1	04/26/2025 23:47	<a href="#">WG2500839</a>
2,2-Dichloropropane	ND		2.88	1	04/26/2025 23:47	<a href="#">WG2500839</a>
Di-isopropyl ether	ND		1.15	1	04/26/2025 23:47	<a href="#">WG2500839</a>
Hexachloro-1,3-butadiene	ND		28.8	1	04/26/2025 23:47	<a href="#">WG2500839</a>
Isopropylbenzene	ND		2.88	1	04/26/2025 23:47	<a href="#">WG2500839</a>
p-Isopropyltoluene	ND		5.76	1	04/26/2025 23:47	<a href="#">WG2500839</a>
2-Butanone (MEK)	ND	<a href="#">C3</a>	115	1	04/26/2025 23:47	<a href="#">WG2500839</a>
Methylene Chloride	ND		28.8	1	04/26/2025 23:47	<a href="#">WG2500839</a>
4-Methyl-2-pentanone (MIBK)	ND	<a href="#">C3</a>	28.8	1	04/26/2025 23:47	<a href="#">WG2500839</a>
Methyl tert-butyl ether	ND		1.15	1	04/26/2025 23:47	<a href="#">WG2500839</a>
n-Propylbenzene	ND		5.76	1	04/26/2025 23:47	<a href="#">WG2500839</a>
Styrene	ND		14.4	1	04/26/2025 23:47	<a href="#">WG2500839</a>
1,1,1,2-Tetrachloroethane	ND		2.88	1	04/26/2025 23:47	<a href="#">WG2500839</a>
1,1,2,2-Tetrachloroethane	ND		2.88	1	04/27/2025 13:00	<a href="#">WG2501158</a>
1,1,2-Trichlorotrifluoroethane	ND		2.88	1	04/26/2025 23:47	<a href="#">WG2500839</a>
Tetrachloroethene	ND		2.88	1	04/26/2025 23:47	<a href="#">WG2500839</a>
1,2,3-Trichlorobenzene	ND	<a href="#">C3</a>	14.4	1	04/26/2025 23:47	<a href="#">WG2500839</a>
1,2,4-Trichlorobenzene	ND	<a href="#">C3</a>	14.4	1	04/26/2025 23:47	<a href="#">WG2500839</a>
1,1,1-Trichloroethane	ND		2.88	1	04/26/2025 23:47	<a href="#">WG2500839</a>
1,1,2-Trichloroethane	ND		2.88	1	04/26/2025 23:47	<a href="#">WG2500839</a>
Trichloroethene	ND		1.15	1	04/26/2025 23:47	<a href="#">WG2500839</a>
Trichlorofluoromethane	ND		2.88	1	04/26/2025 23:47	<a href="#">WG2500839</a>
1,2,3-Trichloropropane	ND	<a href="#">C3</a>	14.4	1	04/26/2025 23:47	<a href="#">WG2500839</a>
1,2,3-Trimethylbenzene	ND		5.76	1	04/26/2025 23:47	<a href="#">WG2500839</a>
Vinyl chloride	ND		2.88	1	04/26/2025 23:47	<a href="#">WG2500839</a>
(S) Toluene-d8	97.0		75.0-131		04/26/2025 23:47	<a href="#">WG2500839</a>
(S) Toluene-d8	96.9		75.0-131		04/27/2025 13:00	<a href="#">WG2501158</a>
(S) 4-Bromofluorobenzene	91.7		67.0-138		04/26/2025 23:47	<a href="#">WG2500839</a>
(S) 4-Bromofluorobenzene	99.4		67.0-138		04/27/2025 13:00	<a href="#">WG2501158</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
(S) 1,2-Dichloroethane-d4	80.5		70.0-130		04/26/2025 23:47	<a href="#">WG2500839</a>
(S) 1,2-Dichloroethane-d4	108		70.0-130		04/27/2025 13:00	<a href="#">WG2501158</a>

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		35.8	1	04/27/2025 00:15	<a href="#">WG2500782</a>
Benzidine	ND	<a href="#">C7</a>	1800	1	04/27/2025 00:15	<a href="#">WG2500782</a>
Benzo(g,h,i)perylene	ND		35.8	1	04/27/2025 00:15	<a href="#">WG2500782</a>
Bis(2-chlorethoxy)methane	ND		358	1	04/27/2025 00:15	<a href="#">WG2500782</a>
Bis(2-chloroethyl)ether	ND		358	1	04/27/2025 00:15	<a href="#">WG2500782</a>
2,2-Oxybis(1-Chloropropane)	ND	<a href="#">C3</a>	358	1	04/27/2025 00:15	<a href="#">WG2500782</a>
4-Bromophenyl-phenylether	ND		358	1	04/27/2025 00:15	<a href="#">WG2500782</a>
2-Chloronaphthalene	ND		35.8	1	04/27/2025 00:15	<a href="#">WG2500782</a>
4-Chlorophenyl-phenylether	ND		358	1	04/27/2025 00:15	<a href="#">WG2500782</a>
1,2-Dichlorobenzene	ND		358	1	04/27/2025 00:15	<a href="#">WG2500782</a>
1,3-Dichlorobenzene	ND		358	1	04/27/2025 00:15	<a href="#">WG2500782</a>
1,4-Dichlorobenzene	ND		358	1	04/27/2025 00:15	<a href="#">WG2500782</a>
3,3-Dichlorobenzidine	ND		358	1	04/27/2025 00:15	<a href="#">WG2500782</a>
2,4-Dinitrotoluene	ND		358	1	04/27/2025 00:15	<a href="#">WG2500782</a>
2,6-Dinitrotoluene	ND		358	1	04/27/2025 00:15	<a href="#">WG2500782</a>
Hexachlorobenzene	ND		358	1	04/27/2025 00:15	<a href="#">WG2500782</a>
Hexachloro-1,3-butadiene	ND		358	1	04/27/2025 00:15	<a href="#">WG2500782</a>
Hexachlorocyclopentadiene	ND	<a href="#">C3 C7</a>	358	1	04/27/2025 00:15	<a href="#">WG2500782</a>
Hexachloroethane	ND		358	1	04/27/2025 00:15	<a href="#">WG2500782</a>
Isophorone	ND		358	1	04/27/2025 00:15	<a href="#">WG2500782</a>
Nitrobenzene	ND		358	1	04/27/2025 00:15	<a href="#">WG2500782</a>
n-Nitrosodimethylamine	ND		358	1	04/27/2025 00:15	<a href="#">WG2500782</a>
n-Nitrosodiphenylamine	ND		358	1	04/27/2025 00:15	<a href="#">WG2500782</a>
n-Nitrosodi-n-propylamine	ND		358	1	04/27/2025 00:15	<a href="#">WG2500782</a>
Phenanthrene	ND		35.8	1	04/27/2025 00:15	<a href="#">WG2500782</a>
Benzylbutyl phthalate	ND		358	1	04/27/2025 00:15	<a href="#">WG2500782</a>
Bis(2-ethylhexyl)phthalate	ND		358	1	04/27/2025 00:15	<a href="#">WG2500782</a>
Di-n-butyl phthalate	ND		358	1	04/27/2025 00:15	<a href="#">WG2500782</a>
Diethyl phthalate	ND		358	1	04/27/2025 00:15	<a href="#">WG2500782</a>
Dimethyl phthalate	ND		358	1	04/27/2025 00:15	<a href="#">WG2500782</a>
Di-n-octyl phthalate	ND		358	1	04/27/2025 00:15	<a href="#">WG2500782</a>
1,2,4-Trichlorobenzene	ND		358	1	04/27/2025 00:15	<a href="#">WG2500782</a>
4-Chloro-3-methylphenol	ND		358	1	04/27/2025 00:15	<a href="#">WG2500782</a>
2-Chlorophenol	ND		358	1	04/27/2025 00:15	<a href="#">WG2500782</a>
2,4-Dichlorophenol	ND		358	1	04/27/2025 00:15	<a href="#">WG2500782</a>
2,4-Dimethylphenol	ND	<a href="#">C3</a>	358	1	04/27/2025 00:15	<a href="#">WG2500782</a>
4,6-Dinitro-2-methylphenol	ND		358	1	04/27/2025 00:15	<a href="#">WG2500782</a>
2,4-Dinitrophenol	ND		358	1	04/27/2025 00:15	<a href="#">WG2500782</a>
2-Nitrophenol	ND		358	1	04/27/2025 00:15	<a href="#">WG2500782</a>
4-Nitrophenol	ND		358	1	04/27/2025 00:15	<a href="#">WG2500782</a>
Pentachlorophenol	ND		358	1	04/27/2025 00:15	<a href="#">WG2500782</a>
Phenol	ND		358	1	04/27/2025 00:15	<a href="#">WG2500782</a>
2,4,6-Trichlorophenol	ND		358	1	04/27/2025 00:15	<a href="#">WG2500782</a>
(S) 2-Fluorophenol	61.9		12.0-120		04/27/2025 00:15	<a href="#">WG2500782</a>
(S) Phenol-d5	56.6		10.0-120		04/27/2025 00:15	<a href="#">WG2500782</a>
(S) Nitrobenzene-d5	64.3		10.0-122		04/27/2025 00:15	<a href="#">WG2500782</a>
(S) 2-Fluorobiphenyl	65.8		15.0-120		04/27/2025 00:15	<a href="#">WG2500782</a>
(S) 2,4,6-Tribromophenol	103		10.0-127		04/27/2025 00:15	<a href="#">WG2500782</a>
(S) p-Terphenyl-d14	68.7		10.0-120		04/27/2025 00:15	<a href="#">WG2500782</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

## Calculated Results

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Total Nitrogen	1400000		21600	1	04/28/2025 18:48	<a href="#">WG2500838</a>

## Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	92.7		1	04/26/2025 17:45	<a href="#">WG2500849</a>

## Wet Chemistry by Method 350.1

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Ammonia Nitrogen	ND		10800	1	04/27/2025 20:32	<a href="#">WG2500940</a>

## Wet Chemistry by Method 4500NOrg D-2021

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Kjeldahl Nitrogen, TKN	1350000		216000	10	04/28/2025 18:48	<a href="#">WG2501022</a>

## Wet Chemistry by Method 9056A

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Nitrate-Nitrite	49400		21600	1	04/27/2025 04:06	<a href="#">WG2500838</a>

## Wet Chemistry by Method WALKLEY-BLACK

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
TOC By Walkley Black	15400000		500000	5	04/27/2025 15:55	<a href="#">WG2500870</a>

## Metals (ICP) by Method 6010D

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Aluminum	7400000		21600	1	04/27/2025 01:04	<a href="#">WG2500788</a>
Antimony	ND		2160	1	04/27/2025 01:04	<a href="#">WG2500788</a>
Beryllium	501		216	1	04/27/2025 01:04	<a href="#">WG2500788</a>
Calcium	8400000		108000	1	04/27/2025 01:04	<a href="#">WG2500788</a>
Cobalt	3700		1080	1	04/27/2025 01:04	<a href="#">WG2500788</a>
Iron	10300000		10800	1	04/27/2025 01:04	<a href="#">WG2500788</a>
Magnesium	2390000		108000	1	04/27/2025 01:04	<a href="#">WG2500788</a>
Manganese	209000		1080	1	04/27/2025 01:04	<a href="#">WG2500788</a>
Potassium	3110000		108000	1	04/27/2025 01:04	<a href="#">WG2500788</a>
Sodium	ND		108000	1	04/27/2025 01:04	<a href="#">WG2500788</a>
Thallium	ND		2160	1	04/27/2025 01:04	<a href="#">WG2500788</a>
Vanadium	17800		2160	1	04/27/2025 01:04	<a href="#">WG2500788</a>

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

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Acetone	ND	<a href="#">C3</a>	57.8	1	04/27/2025 00:07	<a href="#">WG2500839</a>
Acrylonitrile	ND		14.5	1	04/27/2025 00:07	<a href="#">WG2500839</a>
Bromobenzene	ND		14.5	1	04/27/2025 00:07	<a href="#">WG2500839</a>
Bromodichloromethane	ND		2.89	1	04/27/2025 00:07	<a href="#">WG2500839</a>
Bromoform	ND		28.9	1	04/27/2025 00:07	<a href="#">WG2500839</a>
Bromomethane	ND		14.5	1	04/27/2025 00:07	<a href="#">WG2500839</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

GAC00425T050S012

Collected date/time: 04/25/25 09:05

SAMPLE RESULTS - 04

L1852167

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
n-Butylbenzene	ND		14.5	1	04/27/2025 00:07	<a href="#">WG2500839</a>
sec-Butylbenzene	ND		14.5	1	04/27/2025 00:07	<a href="#">WG2500839</a>
tert-Butylbenzene	ND		5.78	1	04/27/2025 00:07	<a href="#">WG2500839</a>
Carbon tetrachloride	ND		5.78	1	04/27/2025 00:07	<a href="#">WG2500839</a>
Chlorobenzene	ND		2.89	1	04/27/2025 00:07	<a href="#">WG2500839</a>
Chlorodibromomethane	ND		2.89	1	04/27/2025 00:07	<a href="#">WG2500839</a>
Chloroethane	ND		5.78	1	04/27/2025 00:07	<a href="#">WG2500839</a>
Chloroform	ND		2.89	1	04/27/2025 00:07	<a href="#">WG2500839</a>
Chloromethane	ND		14.5	1	04/27/2025 00:07	<a href="#">WG2500839</a>
2-Chlorotoluene	ND		2.89	1	04/27/2025 00:07	<a href="#">WG2500839</a>
4-Chlorotoluene	ND		5.78	1	04/27/2025 00:07	<a href="#">WG2500839</a>
1,2-Dibromo-3-Chloropropane	ND	<a href="#">C3</a>	28.9	1	04/27/2025 00:07	<a href="#">WG2500839</a>
1,2-Dibromoethane	ND		2.89	1	04/27/2025 00:07	<a href="#">WG2500839</a>
Dibromomethane	ND		5.78	1	04/27/2025 00:07	<a href="#">WG2500839</a>
1,2-Dichlorobenzene	ND		5.78	1	04/27/2025 00:07	<a href="#">WG2500839</a>
1,3-Dichlorobenzene	ND		5.78	1	04/27/2025 00:07	<a href="#">WG2500839</a>
1,4-Dichlorobenzene	ND		5.78	1	04/27/2025 00:07	<a href="#">WG2500839</a>
Dichlorodifluoromethane	ND		5.78	1	04/27/2025 00:07	<a href="#">WG2500839</a>
1,1-Dichloroethane	ND		2.89	1	04/27/2025 00:07	<a href="#">WG2500839</a>
1,2-Dichloroethane	ND		2.89	1	04/27/2025 00:07	<a href="#">WG2500839</a>
1,1-Dichloroethene	ND		2.89	1	04/27/2025 00:07	<a href="#">WG2500839</a>
cis-1,2-Dichloroethene	ND		2.89	1	04/27/2025 00:07	<a href="#">WG2500839</a>
trans-1,2-Dichloroethene	ND		5.78	1	04/27/2025 00:07	<a href="#">WG2500839</a>
1,2-Dichloropropane	ND		5.78	1	04/27/2025 00:07	<a href="#">WG2500839</a>
1,1-Dichloropropene	ND		2.89	1	04/27/2025 00:07	<a href="#">WG2500839</a>
1,3-Dichloropropane	ND		5.78	1	04/27/2025 00:07	<a href="#">WG2500839</a>
cis-1,3-Dichloropropene	ND		2.89	1	04/27/2025 00:07	<a href="#">WG2500839</a>
trans-1,3-Dichloropropene	ND		5.78	1	04/27/2025 00:07	<a href="#">WG2500839</a>
2,2-Dichloropropane	ND		2.89	1	04/27/2025 00:07	<a href="#">WG2500839</a>
Di-isopropyl ether	ND		1.16	1	04/27/2025 00:07	<a href="#">WG2500839</a>
Hexachloro-1,3-butadiene	ND		28.9	1	04/27/2025 00:07	<a href="#">WG2500839</a>
Isopropylbenzene	ND		2.89	1	04/27/2025 00:07	<a href="#">WG2500839</a>
p-Isopropyltoluene	ND		5.78	1	04/27/2025 00:07	<a href="#">WG2500839</a>
2-Butanone (MEK)	ND	<a href="#">C3</a>	116	1	04/27/2025 00:07	<a href="#">WG2500839</a>
Methylene Chloride	ND		28.9	1	04/27/2025 00:07	<a href="#">WG2500839</a>
4-Methyl-2-pentanone (MIBK)	ND	<a href="#">C3</a>	28.9	1	04/27/2025 00:07	<a href="#">WG2500839</a>
Methyl tert-butyl ether	ND		1.16	1	04/27/2025 00:07	<a href="#">WG2500839</a>
n-Propylbenzene	ND		5.78	1	04/27/2025 00:07	<a href="#">WG2500839</a>
Styrene	ND		14.5	1	04/27/2025 00:07	<a href="#">WG2500839</a>
1,1,1,2-Tetrachloroethane	ND		2.89	1	04/27/2025 00:07	<a href="#">WG2500839</a>
1,1,2,2-Tetrachloroethane	ND		2.89	1	04/27/2025 13:19	<a href="#">WG2501158</a>
1,1,2-Trichlorotrifluoroethane	ND		2.89	1	04/27/2025 00:07	<a href="#">WG2500839</a>
Tetrachloroethene	ND		2.89	1	04/27/2025 00:07	<a href="#">WG2500839</a>
1,2,3-Trichlorobenzene	ND	<a href="#">C3</a>	14.5	1	04/27/2025 00:07	<a href="#">WG2500839</a>
1,2,4-Trichlorobenzene	ND	<a href="#">C3</a>	14.5	1	04/27/2025 00:07	<a href="#">WG2500839</a>
1,1,1-Trichloroethane	ND		2.89	1	04/27/2025 00:07	<a href="#">WG2500839</a>
1,1,2-Trichloroethane	ND		2.89	1	04/27/2025 00:07	<a href="#">WG2500839</a>
Trichloroethene	ND		1.16	1	04/27/2025 00:07	<a href="#">WG2500839</a>
Trichlorofluoromethane	ND		2.89	1	04/27/2025 00:07	<a href="#">WG2500839</a>
1,2,3-Trichloropropane	ND	<a href="#">C3</a>	14.5	1	04/27/2025 00:07	<a href="#">WG2500839</a>
1,2,3-Trimethylbenzene	ND		5.78	1	04/27/2025 00:07	<a href="#">WG2500839</a>
Vinyl chloride	ND		2.89	1	04/27/2025 00:07	<a href="#">WG2500839</a>
(S) Toluene-d8	97.4		75.0-131		04/27/2025 00:07	<a href="#">WG2500839</a>
(S) Toluene-d8	95.9		75.0-131		04/27/2025 13:19	<a href="#">WG2501158</a>
(S) 4-Bromofluorobenzene	97.2		67.0-138		04/27/2025 00:07	<a href="#">WG2500839</a>
(S) 4-Bromofluorobenzene	99.7		67.0-138		04/27/2025 13:19	<a href="#">WG2501158</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
(S) 1,2-Dichloroethane-d4	81.7		70.0-130		04/27/2025 00:07	<a href="#">WG2500839</a>
(S) 1,2-Dichloroethane-d4	109		70.0-130		04/27/2025 13:19	<a href="#">WG2501158</a>

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		71.8	2	04/27/2025 04:18	<a href="#">WG2500782</a>
Benzidine	ND	<a href="#">C7</a>	3600	2	04/27/2025 04:18	<a href="#">WG2500782</a>
Benzo(g,h,i)perylene	ND		71.8	2	04/27/2025 04:18	<a href="#">WG2500782</a>
Bis(2-chlorethoxy)methane	ND		718	2	04/27/2025 04:18	<a href="#">WG2500782</a>
Bis(2-chloroethyl)ether	ND		718	2	04/27/2025 04:18	<a href="#">WG2500782</a>
2,2-Oxybis(1-Chloropropane)	ND	<a href="#">C3</a>	718	2	04/27/2025 04:18	<a href="#">WG2500782</a>
4-Bromophenyl-phenylether	ND		718	2	04/27/2025 04:18	<a href="#">WG2500782</a>
2-Chloronaphthalene	ND		71.8	2	04/27/2025 04:18	<a href="#">WG2500782</a>
4-Chlorophenyl-phenylether	ND		718	2	04/27/2025 04:18	<a href="#">WG2500782</a>
1,2-Dichlorobenzene	ND		718	2	04/27/2025 04:18	<a href="#">WG2500782</a>
1,3-Dichlorobenzene	ND		718	2	04/27/2025 04:18	<a href="#">WG2500782</a>
1,4-Dichlorobenzene	ND		718	2	04/27/2025 04:18	<a href="#">WG2500782</a>
3,3-Dichlorobenzidine	ND		718	2	04/27/2025 04:18	<a href="#">WG2500782</a>
2,4-Dinitrotoluene	ND		718	2	04/27/2025 04:18	<a href="#">WG2500782</a>
2,6-Dinitrotoluene	ND		718	2	04/27/2025 04:18	<a href="#">WG2500782</a>
Hexachlorobenzene	ND		718	2	04/27/2025 04:18	<a href="#">WG2500782</a>
Hexachloro-1,3-butadiene	ND		718	2	04/27/2025 04:18	<a href="#">WG2500782</a>
Hexachlorocyclopentadiene	ND	<a href="#">C3 C7</a>	718	2	04/27/2025 04:18	<a href="#">WG2500782</a>
Hexachloroethane	ND		718	2	04/27/2025 04:18	<a href="#">WG2500782</a>
Isophorone	ND		718	2	04/27/2025 04:18	<a href="#">WG2500782</a>
Nitrobenzene	ND		718	2	04/27/2025 04:18	<a href="#">WG2500782</a>
n-Nitrosodimethylamine	ND		718	2	04/27/2025 04:18	<a href="#">WG2500782</a>
n-Nitrosodiphenylamine	ND		718	2	04/27/2025 04:18	<a href="#">WG2500782</a>
n-Nitrosodi-n-propylamine	ND		718	2	04/27/2025 04:18	<a href="#">WG2500782</a>
Phenanthrene	ND		71.8	2	04/27/2025 04:18	<a href="#">WG2500782</a>
Benzylbutyl phthalate	ND		718	2	04/27/2025 04:18	<a href="#">WG2500782</a>
Bis(2-ethylhexyl)phthalate	ND		718	2	04/27/2025 04:18	<a href="#">WG2500782</a>
Di-n-butyl phthalate	ND		718	2	04/27/2025 04:18	<a href="#">WG2500782</a>
Diethyl phthalate	ND		718	2	04/27/2025 04:18	<a href="#">WG2500782</a>
Dimethyl phthalate	ND		718	2	04/27/2025 04:18	<a href="#">WG2500782</a>
Di-n-octyl phthalate	ND		718	2	04/27/2025 04:18	<a href="#">WG2500782</a>
1,2,4-Trichlorobenzene	ND		718	2	04/27/2025 04:18	<a href="#">WG2500782</a>
4-Chloro-3-methylphenol	ND		718	2	04/27/2025 04:18	<a href="#">WG2500782</a>
2-Chlorophenol	ND		718	2	04/27/2025 04:18	<a href="#">WG2500782</a>
2,4-Dichlorophenol	ND		718	2	04/27/2025 04:18	<a href="#">WG2500782</a>
2,4-Dimethylphenol	ND	<a href="#">C3</a>	718	2	04/27/2025 04:18	<a href="#">WG2500782</a>
4,6-Dinitro-2-methylphenol	ND		718	2	04/27/2025 04:18	<a href="#">WG2500782</a>
2,4-Dinitrophenol	ND		718	2	04/27/2025 04:18	<a href="#">WG2500782</a>
2-Nitrophenol	ND		718	2	04/27/2025 04:18	<a href="#">WG2500782</a>
4-Nitrophenol	ND		718	2	04/27/2025 04:18	<a href="#">WG2500782</a>
Pentachlorophenol	ND		718	2	04/27/2025 04:18	<a href="#">WG2500782</a>
Phenol	ND		718	2	04/27/2025 04:18	<a href="#">WG2500782</a>
2,4,6-Trichlorophenol	ND		718	2	04/27/2025 04:18	<a href="#">WG2500782</a>
(S) 2-Fluorophenol	65.8		12.0-120		04/27/2025 04:18	<a href="#">WG2500782</a>
(S) Phenol-d5	63.8		10.0-120		04/27/2025 04:18	<a href="#">WG2500782</a>
(S) Nitrobenzene-d5	68.3		10.0-122		04/27/2025 04:18	<a href="#">WG2500782</a>
(S) 2-Fluorobiphenyl	71.0		15.0-120		04/27/2025 04:18	<a href="#">WG2500782</a>
(S) 2,4,6-Tribromophenol	111		10.0-127		04/27/2025 04:18	<a href="#">WG2500782</a>
(S) p-Terphenyl-d14	75.6		10.0-120		04/27/2025 04:18	<a href="#">WG2500782</a>

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
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Sample Narrative:

L1852167-04 WG2500782: Dilution due to matrix impact during extract concentration procedure.

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Calculated Results

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Total Nitrogen	1000000		21400	1	04/28/2025 18:50	<a href="#">WG2500838</a>

<sup>1</sup>Cp

<sup>2</sup>Tc

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	93.4		1	04/26/2025 17:45	<a href="#">WG2500849</a>

<sup>3</sup>Ss

<sup>4</sup>Cn

Wet Chemistry by Method 350.1

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Ammonia Nitrogen	ND		10700	1	04/27/2025 20:34	<a href="#">WG2500940</a>

<sup>5</sup>Sr

<sup>6</sup>Qc

Wet Chemistry by Method 4500NOrg D-2021

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Kjeldahl Nitrogen, TKN	964000		214000	10	04/28/2025 18:50	<a href="#">WG2501022</a>

<sup>7</sup>Gl

<sup>8</sup>Al

Wet Chemistry by Method 9056A

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Nitrate-Nitrite	39300		21400	1	04/27/2025 04:46	<a href="#">WG2500838</a>

<sup>9</sup>Sc

Wet Chemistry by Method WALKLEY-BLACK

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
TOC By Walkley Black	8850000		500000	5	04/27/2025 15:56	<a href="#">WG2500870</a>

Metals (ICP) by Method 6010D

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Aluminum	6690000		21400	1	04/27/2025 01:06	<a href="#">WG2500788</a>
Antimony	ND		2140	1	04/27/2025 01:06	<a href="#">WG2500788</a>
Beryllium	486		214	1	04/27/2025 01:06	<a href="#">WG2500788</a>
Calcium	13100000		107000	1	04/27/2025 01:06	<a href="#">WG2500788</a>
Cobalt	4090		1070	1	04/27/2025 01:06	<a href="#">WG2500788</a>
Iron	12300000		10700	1	04/27/2025 01:06	<a href="#">WG2500788</a>
Magnesium	2410000		107000	1	04/27/2025 01:06	<a href="#">WG2500788</a>
Manganese	229000		1070	1	04/27/2025 01:06	<a href="#">WG2500788</a>
Potassium	1860000		107000	1	04/27/2025 01:06	<a href="#">WG2500788</a>
Sodium	176000		107000	1	04/27/2025 01:06	<a href="#">WG2500788</a>
Thallium	ND		2140	1	04/27/2025 01:06	<a href="#">WG2500788</a>
Vanadium	19000		2140	1	04/27/2025 01:06	<a href="#">WG2500788</a>

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

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	ug/kg		ug/kg		date / time	
Acetone	62.7	<a href="#">C3</a>	57.1	1	04/27/2025 00:27	<a href="#">WG2500839</a>
Acrylonitrile	ND		14.3	1	04/27/2025 00:27	<a href="#">WG2500839</a>
Bromobenzene	ND		14.3	1	04/27/2025 00:27	<a href="#">WG2500839</a>
Bromodichloromethane	ND		2.86	1	04/27/2025 00:27	<a href="#">WG2500839</a>
Bromoform	ND		28.6	1	04/27/2025 00:27	<a href="#">WG2500839</a>
Bromomethane	ND		14.3	1	04/27/2025 00:27	<a href="#">WG2500839</a>

GAC00425T050S017

Collected date/time: 04/25/25 11:15

## SAMPLE RESULTS - 05

L1852167

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
n-Butylbenzene	ND		14.3	1	04/27/2025 00:27	<a href="#">WG2500839</a>
sec-Butylbenzene	ND		14.3	1	04/27/2025 00:27	<a href="#">WG2500839</a>
tert-Butylbenzene	ND		5.71	1	04/27/2025 00:27	<a href="#">WG2500839</a>
Carbon tetrachloride	ND		5.71	1	04/27/2025 00:27	<a href="#">WG2500839</a>
Chlorobenzene	ND		2.86	1	04/27/2025 00:27	<a href="#">WG2500839</a>
Chlorodibromomethane	ND		2.86	1	04/27/2025 00:27	<a href="#">WG2500839</a>
Chloroethane	ND		5.71	1	04/27/2025 00:27	<a href="#">WG2500839</a>
Chloroform	ND		2.86	1	04/27/2025 00:27	<a href="#">WG2500839</a>
Chloromethane	ND		14.3	1	04/27/2025 00:27	<a href="#">WG2500839</a>
2-Chlorotoluene	ND		2.86	1	04/27/2025 00:27	<a href="#">WG2500839</a>
4-Chlorotoluene	ND		5.71	1	04/27/2025 00:27	<a href="#">WG2500839</a>
1,2-Dibromo-3-Chloropropane	ND	<a href="#">C3</a>	28.6	1	04/27/2025 00:27	<a href="#">WG2500839</a>
1,2-Dibromoethane	ND		2.86	1	04/27/2025 00:27	<a href="#">WG2500839</a>
Dibromomethane	ND		5.71	1	04/27/2025 00:27	<a href="#">WG2500839</a>
1,2-Dichlorobenzene	ND		5.71	1	04/27/2025 00:27	<a href="#">WG2500839</a>
1,3-Dichlorobenzene	ND		5.71	1	04/27/2025 00:27	<a href="#">WG2500839</a>
1,4-Dichlorobenzene	ND		5.71	1	04/27/2025 00:27	<a href="#">WG2500839</a>
Dichlorodifluoromethane	ND		5.71	1	04/27/2025 00:27	<a href="#">WG2500839</a>
1,1-Dichloroethane	ND		2.86	1	04/27/2025 00:27	<a href="#">WG2500839</a>
1,2-Dichloroethane	ND		2.86	1	04/27/2025 00:27	<a href="#">WG2500839</a>
1,1-Dichloroethene	ND		2.86	1	04/27/2025 00:27	<a href="#">WG2500839</a>
cis-1,2-Dichloroethene	ND		2.86	1	04/27/2025 00:27	<a href="#">WG2500839</a>
trans-1,2-Dichloroethene	ND		5.71	1	04/27/2025 00:27	<a href="#">WG2500839</a>
1,2-Dichloropropane	ND		5.71	1	04/27/2025 00:27	<a href="#">WG2500839</a>
1,1-Dichloropropene	ND		2.86	1	04/27/2025 00:27	<a href="#">WG2500839</a>
1,3-Dichloropropane	ND		5.71	1	04/27/2025 00:27	<a href="#">WG2500839</a>
cis-1,3-Dichloropropene	ND		2.86	1	04/27/2025 00:27	<a href="#">WG2500839</a>
trans-1,3-Dichloropropene	ND		5.71	1	04/27/2025 00:27	<a href="#">WG2500839</a>
2,2-Dichloropropane	ND		2.86	1	04/27/2025 00:27	<a href="#">WG2500839</a>
Di-isopropyl ether	ND		1.14	1	04/27/2025 00:27	<a href="#">WG2500839</a>
Hexachloro-1,3-butadiene	ND		28.6	1	04/27/2025 00:27	<a href="#">WG2500839</a>
Isopropylbenzene	ND		2.86	1	04/27/2025 00:27	<a href="#">WG2500839</a>
p-Isopropyltoluene	ND		5.71	1	04/27/2025 00:27	<a href="#">WG2500839</a>
2-Butanone (MEK)	ND	<a href="#">C3</a>	114	1	04/27/2025 00:27	<a href="#">WG2500839</a>
Methylene Chloride	ND		28.6	1	04/27/2025 00:27	<a href="#">WG2500839</a>
4-Methyl-2-pentanone (MIBK)	ND	<a href="#">C3</a>	28.6	1	04/27/2025 00:27	<a href="#">WG2500839</a>
Methyl tert-butyl ether	ND		1.14	1	04/27/2025 00:27	<a href="#">WG2500839</a>
n-Propylbenzene	ND		5.71	1	04/27/2025 00:27	<a href="#">WG2500839</a>
Styrene	ND		14.3	1	04/27/2025 00:27	<a href="#">WG2500839</a>
1,1,1,2-Tetrachloroethane	ND		2.86	1	04/27/2025 00:27	<a href="#">WG2500839</a>
1,1,2,2-Tetrachloroethane	ND		2.86	1	04/27/2025 13:38	<a href="#">WG2501158</a>
1,1,2-Trichlorotrifluoroethane	ND		2.86	1	04/27/2025 00:27	<a href="#">WG2500839</a>
Tetrachloroethene	ND		2.86	1	04/27/2025 00:27	<a href="#">WG2500839</a>
1,2,3-Trichlorobenzene	ND	<a href="#">C3</a>	14.3	1	04/27/2025 00:27	<a href="#">WG2500839</a>
1,2,4-Trichlorobenzene	ND	<a href="#">C3</a>	14.3	1	04/27/2025 00:27	<a href="#">WG2500839</a>
1,1,1-Trichloroethane	ND		2.86	1	04/27/2025 00:27	<a href="#">WG2500839</a>
1,1,2-Trichloroethane	ND		2.86	1	04/27/2025 00:27	<a href="#">WG2500839</a>
Trichloroethene	ND		1.14	1	04/27/2025 00:27	<a href="#">WG2500839</a>
Trichlorofluoromethane	ND		2.86	1	04/27/2025 00:27	<a href="#">WG2500839</a>
1,2,3-Trichloropropane	ND	<a href="#">C3</a>	14.3	1	04/27/2025 00:27	<a href="#">WG2500839</a>
1,2,3-Trimethylbenzene	ND		5.71	1	04/27/2025 00:27	<a href="#">WG2500839</a>
Vinyl chloride	ND		2.86	1	04/27/2025 00:27	<a href="#">WG2500839</a>
(S) Toluene-d8	97.5		75.0-131		04/27/2025 00:27	<a href="#">WG2500839</a>
(S) Toluene-d8	96.3		75.0-131		04/27/2025 13:38	<a href="#">WG2501158</a>
(S) 4-Bromofluorobenzene	94.3		67.0-138		04/27/2025 00:27	<a href="#">WG2500839</a>
(S) 4-Bromofluorobenzene	100		67.0-138		04/27/2025 13:38	<a href="#">WG2501158</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



GAC00425T050S017

Collected date/time: 04/25/25 11:15

## SAMPLE RESULTS - 05

L1852167

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
(S) 1,2-Dichloroethane-d4	81.6		70.0-130		04/27/2025 00:27	<a href="#">WG2500839</a>
(S) 1,2-Dichloroethane-d4	110		70.0-130		04/27/2025 13:38	<a href="#">WG2501158</a>

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

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		35.7	1	04/27/2025 00:36	<a href="#">WG2500782</a>
Benzidine	ND	<a href="#">C7</a>	1790	1	04/27/2025 00:36	<a href="#">WG2500782</a>
Benzo(g,h,i)perylene	ND		35.7	1	04/27/2025 00:36	<a href="#">WG2500782</a>
Bis(2-chlorethoxy)methane	ND		357	1	04/27/2025 00:36	<a href="#">WG2500782</a>
Bis(2-chloroethyl)ether	ND		357	1	04/27/2025 00:36	<a href="#">WG2500782</a>
2,2-Oxybis(1-Chloropropane)	ND	<a href="#">C3</a>	357	1	04/27/2025 00:36	<a href="#">WG2500782</a>
4-Bromophenyl-phenylether	ND		357	1	04/27/2025 00:36	<a href="#">WG2500782</a>
2-Chloronaphthalene	ND		35.7	1	04/27/2025 00:36	<a href="#">WG2500782</a>
4-Chlorophenyl-phenylether	ND		357	1	04/27/2025 00:36	<a href="#">WG2500782</a>
1,2-Dichlorobenzene	ND		357	1	04/27/2025 00:36	<a href="#">WG2500782</a>
1,3-Dichlorobenzene	ND		357	1	04/27/2025 00:36	<a href="#">WG2500782</a>
1,4-Dichlorobenzene	ND		357	1	04/27/2025 00:36	<a href="#">WG2500782</a>
3,3-Dichlorobenzidine	ND		357	1	04/27/2025 00:36	<a href="#">WG2500782</a>
2,4-Dinitrotoluene	ND		357	1	04/27/2025 00:36	<a href="#">WG2500782</a>
2,6-Dinitrotoluene	ND		357	1	04/27/2025 00:36	<a href="#">WG2500782</a>
Hexachlorobenzene	ND		357	1	04/27/2025 00:36	<a href="#">WG2500782</a>
Hexachloro-1,3-butadiene	ND		357	1	04/27/2025 00:36	<a href="#">WG2500782</a>
Hexachlorocyclopentadiene	ND	<a href="#">C3 C7</a>	357	1	04/27/2025 00:36	<a href="#">WG2500782</a>
Hexachloroethane	ND		357	1	04/27/2025 00:36	<a href="#">WG2500782</a>
Isophorone	ND		357	1	04/27/2025 00:36	<a href="#">WG2500782</a>
Nitrobenzene	ND		357	1	04/27/2025 00:36	<a href="#">WG2500782</a>
n-Nitrosodimethylamine	ND		357	1	04/27/2025 00:36	<a href="#">WG2500782</a>
n-Nitrosodiphenylamine	ND		357	1	04/27/2025 00:36	<a href="#">WG2500782</a>
n-Nitrosodi-n-propylamine	ND		357	1	04/27/2025 00:36	<a href="#">WG2500782</a>
Phenanthrene	ND		35.7	1	04/27/2025 00:36	<a href="#">WG2500782</a>
Benzylbutyl phthalate	ND		357	1	04/27/2025 00:36	<a href="#">WG2500782</a>
Bis(2-ethylhexyl)phthalate	ND		357	1	04/27/2025 00:36	<a href="#">WG2500782</a>
Di-n-butyl phthalate	ND		357	1	04/27/2025 00:36	<a href="#">WG2500782</a>
Diethyl phthalate	ND		357	1	04/27/2025 00:36	<a href="#">WG2500782</a>
Dimethyl phthalate	ND		357	1	04/27/2025 00:36	<a href="#">WG2500782</a>
Di-n-octyl phthalate	ND		357	1	04/27/2025 00:36	<a href="#">WG2500782</a>
1,2,4-Trichlorobenzene	ND		357	1	04/27/2025 00:36	<a href="#">WG2500782</a>
4-Chloro-3-methylphenol	ND		357	1	04/27/2025 00:36	<a href="#">WG2500782</a>
2-Chlorophenol	ND		357	1	04/27/2025 00:36	<a href="#">WG2500782</a>
2,4-Dichlorophenol	ND		357	1	04/27/2025 00:36	<a href="#">WG2500782</a>
2,4-Dimethylphenol	ND	<a href="#">C3</a>	357	1	04/27/2025 00:36	<a href="#">WG2500782</a>
4,6-Dinitro-2-methylphenol	ND		357	1	04/27/2025 00:36	<a href="#">WG2500782</a>
2,4-Dinitrophenol	ND		357	1	04/27/2025 00:36	<a href="#">WG2500782</a>
2-Nitrophenol	ND		357	1	04/27/2025 00:36	<a href="#">WG2500782</a>
4-Nitrophenol	ND		357	1	04/27/2025 00:36	<a href="#">WG2500782</a>
Pentachlorophenol	ND		357	1	04/27/2025 00:36	<a href="#">WG2500782</a>
Phenol	ND		357	1	04/27/2025 00:36	<a href="#">WG2500782</a>
2,4,6-Trichlorophenol	ND		357	1	04/27/2025 00:36	<a href="#">WG2500782</a>
(S) 2-Fluorophenol	63.2		12.0-120		04/27/2025 00:36	<a href="#">WG2500782</a>
(S) Phenol-d5	59.9		10.0-120		04/27/2025 00:36	<a href="#">WG2500782</a>
(S) Nitrobenzene-d5	63.7		10.0-122		04/27/2025 00:36	<a href="#">WG2500782</a>
(S) 2-Fluorobiphenyl	68.9		15.0-120		04/27/2025 00:36	<a href="#">WG2500782</a>
(S) 2,4,6-Tribromophenol	106		10.0-127		04/27/2025 00:36	<a href="#">WG2500782</a>
(S) p-Terphenyl-d14	70.8		10.0-120		04/27/2025 00:36	<a href="#">WG2500782</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	04/26/2025 17:57	<a href="#">WG2500633</a>
Acrolein	ND	<a href="#">J4</a>	50.0	1	04/26/2025 17:57	<a href="#">WG2500633</a>
Acrylonitrile	ND		10.0	1	04/26/2025 17:57	<a href="#">WG2500633</a>
Benzene	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
Bromobenzene	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
Bromodichloromethane	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
Bromoform	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
Bromomethane	ND	<a href="#">C3</a>	5.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
n-Butylbenzene	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
sec-Butylbenzene	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
tert-Butylbenzene	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
Carbon tetrachloride	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
Chlorobenzene	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
Chlorodibromomethane	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
Chloroethane	ND		5.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
Chloroform	ND		5.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
Chloromethane	ND		2.50	1	04/26/2025 17:57	<a href="#">WG2500633</a>
2-Chlorotoluene	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
4-Chlorotoluene	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
1,2-Dibromo-3-Chloropropane	ND		5.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
1,2-Dibromoethane	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
Dibromomethane	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
1,2-Dichlorobenzene	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
1,3-Dichlorobenzene	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
1,4-Dichlorobenzene	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
Dichlorodifluoromethane	ND		5.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
1,1-Dichloroethane	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
1,2-Dichloroethane	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
1,1-Dichloroethene	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
cis-1,2-Dichloroethene	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
trans-1,2-Dichloroethene	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
1,2-Dichloropropane	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
1,1-Dichloropropene	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
1,3-Dichloropropane	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
cis-1,3-Dichloropropene	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
trans-1,3-Dichloropropene	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
2,2-Dichloropropane	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
Di-isopropyl ether	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
Ethylbenzene	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
Hexachloro-1,3-butadiene	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
Isopropylbenzene	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
p-Isopropyltoluene	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
2-Butanone (MEK)	ND		10.0	1	04/26/2025 17:57	<a href="#">WG2500633</a>
Methylene Chloride	ND		5.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	04/26/2025 17:57	<a href="#">WG2500633</a>
Methyl tert-butyl ether	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
Naphthalene	ND	<a href="#">C3 J4</a>	5.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
n-Propylbenzene	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
Styrene	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
1,1,1,2-Tetrachloroethane	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
1,1,2,2-Tetrachloroethane	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
Tetrachloroethene	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
Toluene	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
1,2,3-Trichlorobenzene	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
1,2,4-Trichlorobenzene	ND	<a href="#">C3</a>	1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
1,1,2-Trichloroethane	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
Trichloroethene	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
Trichlorofluoromethane	ND		5.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
1,2,3-Trichloropropane	ND		2.50	1	04/26/2025 17:57	<a href="#">WG2500633</a>
1,2,4-Trimethylbenzene	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
1,2,3-Trimethylbenzene	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
1,3,5-Trimethylbenzene	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
Vinyl chloride	ND		1.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
Xylenes, Total	ND		3.00	1	04/26/2025 17:57	<a href="#">WG2500633</a>
(S) Toluene-d8	107		80.0-120		04/26/2025 17:57	<a href="#">WG2500633</a>
(S) 4-Bromofluorobenzene	93.1		77.0-126		04/26/2025 17:57	<a href="#">WG2500633</a>
(S) 1,2-Dichloroethane-d4	111		70.0-130		04/26/2025 17:57	<a href="#">WG2500633</a>

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4205789-1 04/26/25 17:28

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Total Solids	0.000			

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

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

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

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Total Solids	90.8	91.1	1	0.242		10

<sup>7</sup>Gl

<sup>8</sup>Al

Laboratory Control Sample (LCS)

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

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

<sup>9</sup>Sc

Method Blank (MB)

(MB) R4205790-1 04/26/25 17:45

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.000			

L1852144-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1852144-01 04/26/25 17:45 • (DUP) R4205790-3 04/26/25 17:45

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	92.4	92.1	1	0.335		10

Laboratory Control Sample (LCS)

(LCS) R4205790-2 04/26/25 17:45

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

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4205981-1 04/27/25 20:02

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/kg		ug/kg	ug/kg
Ammonia Nitrogen	U		7190	10000

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

(OS) L1852121-03 04/27/25 20:22 • (DUP) R4205981-3 04/27/25 20:23

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

L1852177-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1852177-06 04/27/25 20:47 • (DUP) R4205981-6 04/27/25 20:49

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

Laboratory Control Sample (LCS)

(LCS) R4205981-2 04/27/25 20:04

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/kg	ug/kg	%	%	
Ammonia Nitrogen	250000	263000	105	90.0-110	

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

(OS) L1852121-03 04/27/25 20:22 • (MS) R4205981-4 04/27/25 20:25 • (MSD) R4205981-5 04/27/25 20:26

	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	268000	ND	278000	292000	104	110	1	90.0-110			5.07	20

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4206539-1 04/28/25 18:18

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

L1852154-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1852154-01 04/28/25 18:33 • (DUP) R4206539-7 04/28/25 18:34

	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/kg	ug/kg		%		%
Kjeldahl Nitrogen, TKN	819000	789000	10	3.73		20

L1852167-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1852167-02 04/28/25 18:42 • (DUP) R4206539-8 04/28/25 18:43

	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/kg	ug/kg		%		%
Kjeldahl Nitrogen, TKN	1500000	1540000	10	3.03		20

Laboratory Control Sample (LCS)

(LCS) R4206539-2 04/28/25 18:19

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/kg	ug/kg	%	%	
Kjeldahl Nitrogen, TKN	240000	271000	113	81.7-124	

L1851602-14 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1851602-14 04/28/25 18:20 • (MS) R4206539-3 04/28/25 18:22 • (MSD) R4206539-4 04/28/25 18:23

	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	474000	574000	675000	721000	21.3	31.0	1	81.7-124	J6	J6	6.56	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



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

(OS) L1852129-01 04/28/25 18:27 • (MS) R4206539-5 04/28/25 18:28 • (MSD) R4206539-6 04/28/25 18:29

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 %
Kjeldahl Nitrogen, TKN	423000	850000	982000	970000	31.4	28.4	10	81.7-124	J6	J6	1.27	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) R4205769-1 04/27/25 00:45

	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) R4205769-2 04/27/25 00:58

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/kg	ug/kg	%	%	
Nitrate-Nitrite	40000	43100	108	80.0-120	

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

(OS) L1852129-01 04/27/25 01:38 • (MS) R4205769-3 04/27/25 01:52 • (MSD) R4205769-4 04/27/25 02:05

	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	%	%		%			%	%
Nitrate-Nitrite	42300	ND	55400	52400	115	108	1	80.0-120			5.68	15

<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) R4205870-1 04/27/25 15:47

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

L1852114-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1852114-01 04/27/25 15:48 • (DUP) R4205870-3 04/27/25 15:48

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/kg	ug/kg		%		%
TOC By Walkley Black	44200000	46500000	9	5.17		20

L1852167-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1852167-04 04/27/25 15:55 • (DUP) R4205870-4 04/27/25 15:56

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/kg	ug/kg		%		%
TOC By Walkley Black	15400000	17000000	5	10.3		20

Laboratory Control Sample (LCS)

(LCS) R4205870-2 04/27/25 15:47

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/kg	ug/kg	%	%	
TOC By Walkley Black	3230000	4160000	129	75.0-144	

L1852177-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1852177-06 04/27/25 15:59 • (MS) R4205870-5 04/27/25 16:02 • (MSD) R4205870-6 04/27/25 16:02

	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	9850000	28400000	31000000	93.0	106	5	80.0-120			8.46	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4205752-1 04/27/25 00:08

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) R4205752-2 04/27/25 00:10

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aluminum	1000000	979000	97.9	80.0-120	
Antimony	100000	96400	96.4	80.0-120	
Beryllium	100000	102000	102	80.0-120	
Calcium	1000000	1020000	102	80.0-120	
Cobalt	100000	96400	96.4	80.0-120	
Iron	1000000	1030000	103	80.0-120	
Magnesium	1000000	940000	94.0	80.0-120	
Manganese	100000	104000	104	80.0-120	
Potassium	1000000	983000	98.3	80.0-120	
Sodium	1000000	1010000	101	80.0-120	
Thallium	100000	100000	100	80.0-120	
Vanadium	100000	99900	99.9	80.0-120	

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

(OS) L1852114-01 04/27/25 00:12 • (MS) R4205752-5 04/27/25 00:18 • (MSD) R4205752-6 04/27/25 00:20

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 %
Aluminum	1050000	6630000	8460000	6440000	173	0.000	1	75.0-125	V	J3 V	27.1	20
Antimony	105000	ND	77900	75600	73.9	71.8	1	75.0-125	J6	J6	2.91	20

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

(OS) L1852114-01 04/27/25 00:12 • (MS) R4205752-5 04/27/25 00:18 • (MSD) R4205752-6 04/27/25 00:20

	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	%	%		%			%	%
Beryllium	105000	444	98200	99500	92.8	94.0	1	75.0-125			1.32	20
Calcium	1050000	8560000	7850000	8470000	0.000	0.000	1	75.0-125	V	V	7.59	20
Cobalt	105000	3210	98500	99600	90.5	91.4	1	75.0-125			1.05	20
Iron	1050000	9540000	10900000	8590000	126	0.000	1	75.0-125	V	J3 V	23.4	20
Magnesium	1050000	2640000	3330000	3230000	65.4	55.9	1	75.0-125	J6	J6	3.05	20
Manganese	105000	226000	338000	290000	106	60.9	1	75.0-125		J6	15.3	20
Potassium	1050000	2640000	3420000	3140000	74.0	47.7	1	75.0-125	J6	J6	8.46	20
Sodium	1050000	ND	1070000	1130000	92.3	97.2	1	75.0-125			4.68	20
Thallium	105000	ND	96300	96900	91.4	91.9	1	75.0-125			0.636	20
Vanadium	105000	16200	113000	109000	91.6	88.5	1	75.0-125			2.98	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

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
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

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 %
Acetone	25.0	23.6	25.1	94.4	100	19.0-160			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



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 %
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			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			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			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			2.16	20

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

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

(LCS) 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 %
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	J4	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) R4205786-3 04/26/25 20:49

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) R4205786-3 04/26/25 20:49

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-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	95.6			75.0-131
(S) 4-Bromofluorobenzene	96.4			67.0-138
(S) 1,2-Dichloroethane-d4	82.8			70.0-130

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

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

(LCS) R4205786-1 04/26/25 18:45 • (LCSD) R4205786-2 04/26/25 19:04

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCSD Result ug/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	625	432	439	69.1	70.2	10.0-160			1.61	31
Acrylonitrile	625	616	617	98.6	98.7	45.0-153			0.162	22
Bromobenzene	125	126	122	101	97.6	73.0-121			3.23	20
Bromodichloromethane	125	114	113	91.2	90.4	73.0-121			0.881	20
Bromoform	125	113	114	90.4	91.2	64.0-132			0.881	20
Bromomethane	125	126	136	101	109	56.0-147			7.63	20
n-Butylbenzene	125	103	103	82.4	82.4	68.0-135			0.000	20
sec-Butylbenzene	125	108	106	86.4	84.8	74.0-130			1.87	20
tert-Butylbenzene	125	105	106	84.0	84.8	75.0-127			0.948	20
Carbon tetrachloride	125	121	119	96.8	95.2	66.0-128			1.67	20
Chlorobenzene	125	119	120	95.2	96.0	76.0-128			0.837	20
Chlorodibromomethane	125	108	106	86.4	84.8	74.0-127			1.87	20
Chloroethane	125	109	111	87.2	88.8	61.0-134			1.82	20

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

(LCS) R4205786-1 04/26/25 18:45 • (LCSD) R4205786-2 04/26/25 19:04

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCSD Result ug/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Chloroform	125	130	131	104	105	72.0-123			0.766	20
Chloromethane	125	141	141	113	113	51.0-138			0.000	20
2-Chlorotoluene	125	114	113	91.2	90.4	75.0-124			0.881	20
4-Chlorotoluene	125	110	111	88.0	88.8	75.0-124			0.905	20
1,2-Dibromo-3-Chloropropane	125	91.6	91.0	73.3	72.8	59.0-130			0.657	20
1,2-Dibromoethane	125	110	111	88.0	88.8	74.0-128			0.905	20
Dibromomethane	125	116	117	92.8	93.6	75.0-122			0.858	20
1,2-Dichlorobenzene	125	107	109	85.6	87.2	76.0-124			1.85	20
1,3-Dichlorobenzene	125	114	115	91.2	92.0	76.0-125			0.873	20
1,4-Dichlorobenzene	125	112	111	89.6	88.8	77.0-121			0.897	20
Dichlorodifluoromethane	125	134	130	107	104	43.0-156			3.03	20
1,1-Dichloroethane	125	145	145	116	116	70.0-127			0.000	20
1,2-Dichloroethane	125	110	111	88.0	88.8	65.0-131			0.905	20
1,1-Dichloroethene	125	141	142	113	114	65.0-131			0.707	20
cis-1,2-Dichloroethene	125	136	134	109	107	73.0-125			1.48	20
trans-1,2-Dichloroethene	125	137	135	110	108	71.0-125			1.47	20
1,2-Dichloropropane	125	146	144	117	115	74.0-125			1.38	20
1,1-Dichloropropene	125	130	127	104	102	73.0-125			2.33	20
1,3-Dichloropropane	125	112	114	89.6	91.2	80.0-125			1.77	20
cis-1,3-Dichloropropene	125	126	127	101	102	76.0-127			0.791	20
trans-1,3-Dichloropropene	125	107	109	85.6	87.2	73.0-127			1.85	20
2,2-Dichloropropane	125	110	114	88.0	91.2	59.0-135			3.57	20
Di-isopropyl ether	125	104	104	83.2	83.2	60.0-136			0.000	20
Hexachloro-1,3-butadiene	125	148	143	118	114	57.0-150			3.44	20
Isopropylbenzene	125	111	114	88.8	91.2	72.0-127			2.67	20
p-Isopropyltoluene	125	105	103	84.0	82.4	72.0-133			1.92	20
2-Butanone (MEK)	625	430	468	68.8	74.9	30.0-160			8.46	24
Methylene Chloride	125	140	136	112	109	68.0-123			2.90	20
4-Methyl-2-pentanone (MIBK)	625	389	404	62.2	64.6	56.0-143			3.78	20
Methyl tert-butyl ether	125	111	110	88.8	88.0	66.0-132			0.905	20
n-Propylbenzene	125	109	107	87.2	85.6	74.0-126			1.85	20
Styrene	125	109	111	87.2	88.8	72.0-127			1.82	20
1,1,1,2-Tetrachloroethane	125	111	116	88.8	92.8	74.0-129			4.41	20
1,1,2-Trichlorotrifluoroethane	125	141	143	113	114	61.0-139			1.41	20
Tetrachloroethene	125	136	138	109	110	70.0-136			1.46	20
1,2,3-Trichlorobenzene	125	88.2	99.9	70.6	79.9	59.0-139			12.4	20
1,2,4-Trichlorobenzene	125	89.8	96.7	71.8	77.4	62.0-137			7.40	20
1,1,1-Trichloroethane	125	118	120	94.4	96.0	69.0-126			1.68	20
1,1,2-Trichloroethane	125	109	111	87.2	88.8	78.0-123			1.82	20
Trichloroethene	125	153	151	122	121	76.0-126			1.32	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

(LCS) R4205786-1 04/26/25 18:45 • (LCSD) R4205786-2 04/26/25 19:04

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCSD Result ug/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Trichlorofluoromethane	125	111	108	88.8	86.4	61.0-142			2.74	20
1,2,3-Trichloropropane	125	90.8	89.3	72.6	71.4	67.0-129			1.67	20
1,2,3-Trimethylbenzene	125	101	99.6	80.8	79.7	74.0-124			1.40	20
Vinyl chloride	125	149	148	119	118	63.0-134			0.673	20
(S) Toluene-d8				95.9	96.3	75.0-131				
(S) 4-Bromofluorobenzene				98.1	97.6	67.0-138				
(S) 1,2-Dichloroethane-d4				84.9	84.7	70.0-130				

L1850981-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1850981-03 04/27/25 03:05 • (MS) R4205786-4 04/27/25 04:05 • (MSD) R4205786-5 04/27/25 04:25

Analyte	Spike Amount ug/kg	Original Result ug/kg	MS Result ug/kg	MSD Result ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD %	RPD Limits %
Acetone	6250	3510	3570	3130	0.960	0.000	10	10.0-160	J6	J6	13.1	40
Acrylonitrile	6250	ND	7250	6610	115	105	10	10.0-160			9.24	40
Bromobenzene	1250	ND	1350	1320	108	106	10	10.0-156			2.25	38
Bromodichloromethane	1250	ND	1270	1220	102	97.6	10	10.0-143			4.02	37
Bromoform	1250	ND	1220	1180	97.6	94.4	10	10.0-146			3.33	36
Bromomethane	1250	ND	1210	1170	96.8	93.6	10	10.0-149			3.36	38
n-Butylbenzene	1250	ND	1240	1240	99.2	99.2	10	10.0-160			0.000	40
sec-Butylbenzene	1250	ND	1240	1240	99.2	99.2	10	10.0-159			0.000	39
tert-Butylbenzene	1250	ND	1200	1200	94.2	94.2	10	10.0-156			0.000	39
Carbon tetrachloride	1250	ND	1390	1330	111	106	10	10.0-145			4.41	37
Chlorobenzene	1250	ND	1340	1320	107	106	10	10.0-152			1.50	39
Chlorodibromomethane	1250	ND	1240	1190	99.2	95.2	10	10.0-146			4.12	37
Chloroethane	1250	ND	1300	1240	104	99.2	10	10.0-146			4.72	40
Chloroform	1250	ND	1470	1430	118	114	10	10.0-146			2.76	37
Chloromethane	1250	ND	1400	1300	112	104	10	10.0-159			7.41	37
2-Chlorotoluene	1250	ND	1280	1230	102	98.4	10	10.0-159			3.98	38
4-Chlorotoluene	1250	ND	1260	1240	100	98.4	10	10.0-155			1.60	39
1,2-Dibromo-3-Chloropropane	1250	ND	1060	1010	84.8	80.8	10	10.0-151			4.83	39
1,2-Dibromoethane	1250	ND	1250	1200	100	96.0	10	10.0-148			4.08	34
Dibromomethane	1250	ND	1330	1260	106	101	10	10.0-147			5.41	35
1,2-Dichlorobenzene	1250	ND	1250	1210	98.8	95.6	10	10.0-155			3.25	37
1,3-Dichlorobenzene	1250	ND	1300	1260	104	101	10	10.0-153			3.12	38
1,4-Dichlorobenzene	1250	ND	1250	1230	100	98.4	10	10.0-151			1.61	38
Dichlorodifluoromethane	1250	ND	1320	1240	106	99.2	10	10.0-160			6.25	35
1,1-Dichloroethane	1250	ND	1760	1690	141	135	10	10.0-147			4.06	37
1,2-Dichloroethane	1250	ND	1200	1160	96.0	92.8	10	10.0-148			3.39	35

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

L1850981-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1850981-03 04/27/25 03:05 • (MS) R4205786-4 04/27/25 04:05 • (MSD) R4205786-5 04/27/25 04:25

Analyte	Spike Amount ug/kg	Original Result ug/kg	MS Result ug/kg	MSD Result ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
1,1-Dichloroethene	1250	ND	1560	1460	125	117	10	10.0-155			6.62	37
cis-1,2-Dichloroethene	1250	ND	1550	1430	124	114	10	10.0-149			8.05	37
trans-1,2-Dichloroethene	1250	ND	1480	1400	118	112	10	10.0-150			5.56	37
1,2-Dichloropropane	1250	ND	1650	1600	132	128	10	10.0-148			3.08	37
1,1-Dichloropropene	1250	ND	1660	1530	133	122	10	10.0-153			8.15	35
1,3-Dichloropropane	1250	ND	1260	1200	101	96.0	10	10.0-154			4.88	35
cis-1,3-Dichloropropene	1250	ND	1480	1410	118	113	10	10.0-151			4.84	37
trans-1,3-Dichloropropene	1250	ND	1210	1170	96.8	93.6	10	10.0-148			3.36	37
2,2-Dichloropropane	1250	ND	1540	1410	123	113	10	10.0-138			8.81	36
Di-isopropyl ether	1250	ND	1150	1110	92.0	88.8	10	10.0-147			3.54	36
Hexachloro-1,3-butadiene	1250	ND	1670	1780	134	142	10	10.0-160			6.38	40
Isopropylbenzene	1250	ND	1180	1150	93.2	90.8	10	10.0-155			2.58	38
p-Isopropyltoluene	1250	57.5	1240	1210	94.6	92.2	10	10.0-160			2.45	40
2-Butanone (MEK)	6250	ND	4340	3990	69.4	63.8	10	10.0-160			8.40	40
Methylene Chloride	1250	ND	1580	1480	126	118	10	10.0-141			6.54	37
4-Methyl-2-pentanone (MIBK)	6250	ND	4510	4220	70.2	65.5	10	10.0-160			6.64	35
Methyl tert-butyl ether	1250	ND	1260	1170	101	93.6	10	11.0-147			7.41	35
n-Propylbenzene	1250	ND	1280	1240	99.7	96.5	10	10.0-158			3.17	38
Styrene	1250	ND	1250	1230	96.6	95.0	10	10.0-160			1.61	40
1,1,1,2-Tetrachloroethane	1250	ND	1280	1260	102	101	10	10.0-149			1.57	39
1,1,2-Trichlorotrifluoroethane	1250	ND	1620	1580	130	126	10	10.0-160			2.50	36
Tetrachloroethene	1250	ND	1580	1500	126	120	10	10.0-156			5.19	39
1,2,3-Trichlorobenzene	1250	ND	1070	1020	85.6	81.6	10	10.0-160			4.78	40
1,2,4-Trichlorobenzene	1250	ND	1140	1110	86.9	84.5	10	10.0-160			2.67	40
1,1,1-Trichloroethane	1250	ND	1410	1350	113	108	10	10.0-144			4.35	35
1,1,2-Trichloroethane	1250	ND	1230	1230	97.4	97.4	10	10.0-160			0.000	35
Trichloroethene	1250	ND	1640	1580	131	126	10	10.0-156			3.73	38
Trichlorofluoromethane	1250	ND	1290	1230	103	98.4	10	10.0-160			4.76	40
1,2,3-Trichloropropane	1250	ND	1040	1020	81.8	80.2	10	10.0-156			1.94	35
1,2,3-Trimethylbenzene	1250	118	1240	1220	89.8	88.2	10	10.0-160			1.63	36
Vinyl chloride	1250	ND	1490	1400	119	112	10	10.0-160			6.23	37
(S) Toluene-d8					95.4	96.2	75.0-131					
(S) 4-Bromofluorobenzene					90.6	91.4	67.0-138					
(S) 1,2-Dichloroethane-d4					86.0	83.9	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

Method Blank (MB)

(MB) R4205884-3 04/27/25 11:29

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
1,1,2,2-Tetrachloroethane	U		0.695	2.50
(S) Toluene-d8	96.8			75.0-131
(S) 4-Bromofluorobenzene	101			67.0-138
(S) 1,2-Dichloroethane-d4	111			70.0-130

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

(LCS) R4205884-1 04/27/25 09:52 • (LCSD) R4205884-2 04/27/25 10:11

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCSD Result ug/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
1,1,2,2-Tetrachloroethane	125	135	151	108	121	68.0-128			11.2	20
(S) Toluene-d8				96.2	96.4	75.0-131				
(S) 4-Bromofluorobenzene				103	100	67.0-138				
(S) 1,2-Dichloroethane-d4				107	106	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



Method Blank (MB)

(MB) R4205968-2 04/26/25 21:33

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) R4205968-2 04/26/25 21:33

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	74.5			12.0-120
(S) Phenol-d5	68.9			10.0-120
(S) Nitrobenzene-d5	70.0			10.0-122
(S) 2-Fluorobiphenyl	77.2			15.0-120
(S) 2,4,6-Tribromophenol	98.6			10.0-127
(S) p-Terphenyl-d14	80.8			10.0-120

Laboratory Control Sample (LCS)

(LCS) R4205968-1 04/26/25 21:13

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthylene	666	687	103	40.0-120	
Benzidine	1330	709	53.3	10.0-120	
Benzo(g,h,i)perylene	666	619	92.9	43.0-120	
Bis(2-chlorethoxy)methane	666	429	64.4	20.0-120	
Bis(2-chloroethyl)ether	666	529	79.4	16.0-120	
2,2-Oxybis(1-Chloropropane)	666	433	65.0	23.0-120	
4-Bromophenyl-phenylether	666	733	110	40.0-120	
2-Chloronaphthalene	666	601	90.2	35.0-120	
4-Chlorophenyl-phenylether	666	682	102	40.0-120	
1,2-Dichlorobenzene	666	513	77.0	32.0-120	
1,3-Dichlorobenzene	666	506	76.0	30.0-120	
1,4-Dichlorobenzene	666	537	80.6	31.0-120	
3,3-Dichlorobenzidine	1330	1340	101	28.0-120	
2,4-Dinitrotoluene	666	750	113	45.0-120	
2,6-Dinitrotoluene	666	674	101	42.0-120	
Hexachlorobenzene	666	689	103	39.0-120	
Hexachloro-1,3-butadiene	666	446	67.0	15.0-120	
Hexachlorocyclopentadiene	666	574	86.2	15.0-120	
Hexachloroethane	666	487	73.1	17.0-120	
Isophorone	666	432	64.9	23.0-120	
Nitrobenzene	666	410	61.6	17.0-120	
n-Nitrosodimethylamine	666	475	71.3	10.0-125	
n-Nitrosodiphenylamine	666	633	95.0	40.0-120	
n-Nitrosodi-n-propylamine	666	522	78.4	26.0-120	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Laboratory Control Sample (LCS)

(LCS) R4205968-1 04/26/25 21:13

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Phenanthrene	666	608	91.3	42.0-120	
Benzylbutyl phthalate	666	612	91.9	40.0-120	
Bis(2-ethylhexyl)phthalate	666	645	96.8	41.0-120	
Di-n-butyl phthalate	666	674	101	43.0-120	
Diethyl phthalate	666	665	99.8	43.0-120	
Dimethyl phthalate	666	669	100	43.0-120	
Di-n-octyl phthalate	666	568	85.3	40.0-120	
1,2,4-Trichlorobenzene	666	485	72.8	17.0-120	
4-Chloro-3-methylphenol	666	496	74.5	28.0-120	
2-Chlorophenol	666	515	77.3	28.0-120	
2,4-Dichlorophenol	666	508	76.3	25.0-120	
2,4-Dimethylphenol	666	433	65.0	15.0-120	
4,6-Dinitro-2-methylphenol	666	757	114	16.0-120	
2,4-Dinitrophenol	666	584	87.7	10.0-120	
2-Nitrophenol	666	537	80.6	20.0-120	
4-Nitrophenol	666	737	111	27.0-120	
Pentachlorophenol	666	503	75.5	29.0-120	
Phenol	666	534	80.2	28.0-120	
2,4,6-Trichlorophenol	666	673	101	37.0-120	
(S) 2-Fluorophenol			91.6	12.0-120	
(S) Phenol-d5			84.5	10.0-120	
(S) Nitrobenzene-d5			63.4	10.0-122	
(S) 2-Fluorobiphenyl			93.4	15.0-120	
(S) 2,4,6-Tribromophenol			125	10.0-127	
(S) p-Terphenyl-d14			92.2	10.0-120	

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

L1852114-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1852114-05 04/26/25 22:34 • (MS) R4205968-3 04/26/25 22:54 • (MSD) R4205968-4 04/26/25 23:15

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	710	ND	525	489	73.9	69.7	1	25.0-120			7.09	32
Benzidine	1420	ND	ND	ND	0.000	0.000	1	10.0-120	J6	J6	0.000	40
Benzo(g,h,i)perylene	710	ND	413	377	58.1	53.7	1	10.0-120			9.10	33
Bis(2-chlorethoxy)methane	710	ND	ND	ND	48.8	44.3	1	10.0-120			10.9	34
Bis(2-chloroethyl)ether	710	ND	403	ND	56.7	47.4	1	10.0-120			19.3	40
2,2-Oxybis(1-Chloropropane)	710	ND	ND	ND	46.8	41.6	1	10.0-120			12.9	40
4-Bromophenyl-phenylether	710	ND	594	551	83.6	78.6	1	27.0-120			7.42	30
2-Chloronaphthalene	710	ND	445	408	62.7	58.2	1	20.0-120			8.67	32

L1852114-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1852114-05 04/26/25 22:34 • (MS) R4205968-3 04/26/25 22:54 • (MSD) R4205968-4 04/26/25 23:15

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	710	ND	522	492	73.5	70.2	1	24.0-120			5.80	29
1,2-Dichlorobenzene	710	ND	391	ND	55.1	47.7	1	10.0-120			15.6	38
1,3-Dichlorobenzene	710	ND	387	ND	54.4	45.7	1	10.0-120			18.8	40
1,4-Dichlorobenzene	710	ND	398	ND	56.0	49.8	1	10.0-120			12.8	39
3,3-Dichlorobenzidine	1420	ND	551	562	38.9	40.0	1	10.0-120			1.96	34
2,4-Dinitrotoluene	710	ND	576	551	81.1	78.6	1	30.0-120			4.44	31
2,6-Dinitrotoluene	710	ND	523	500	73.6	71.3	1	25.0-120			4.47	31
Hexachlorobenzene	710	ND	557	502	78.4	71.6	1	27.0-120			10.3	28
Hexachloro-1,3-butadiene	710	ND	374	ND	52.6	45.5	1	10.0-120			15.7	38
Hexachlorocyclopentadiene	710	ND	ND	ND	18.7	21.4	1	10.0-120			12.3	40
Hexachloroethane	710	ND	ND	ND	48.2	42.7	1	10.0-120			13.2	40
Isophorone	710	ND	365	ND	51.4	46.0	1	13.0-120			12.4	34
Nitrobenzene	710	ND	ND	ND	46.0	42.2	1	10.0-120			9.79	36
n-Nitrosodimethylamine	710	ND	ND	ND	46.6	42.7	1	10.0-127			10.0	40
n-Nitrosodiphenylamine	710	ND	501	468	70.6	66.8	1	17.0-120			6.74	29
n-Nitrosodi-n-propylamine	710	ND	399	ND	56.1	49.8	1	10.0-120			13.1	37
Phenanthrene	710	ND	475	444	66.9	63.4	1	17.0-120			6.64	31
Benzylbutyl phthalate	710	ND	533	517	75.0	73.8	1	23.0-120			2.90	30
Bis(2-ethylhexyl)phthalate	710	ND	558	546	78.5	77.8	1	17.0-126			2.17	30
Di-n-butyl phthalate	710	ND	586	554	82.5	79.0	1	30.0-120			5.54	29
Diethyl phthalate	710	ND	529	502	74.5	71.6	1	26.0-120			5.28	28
Dimethyl phthalate	710	ND	509	486	71.6	69.3	1	25.0-120			4.60	29
Di-n-octyl phthalate	710	ND	555	545	78.2	77.6	1	21.0-123			1.98	29
1,2,4-Trichlorobenzene	710	ND	403	ND	56.7	49.7	1	12.0-120			14.5	37
4-Chloro-3-methylphenol	710	ND	408	396	57.5	56.5	1	15.0-120			2.98	30
2-Chlorophenol	710	ND	406	ND	57.2	47.8	1	15.0-120			19.1	37
2,4-Dichlorophenol	710	ND	429	394	60.4	56.2	1	20.0-120			8.47	31
2,4-Dimethylphenol	710	ND	364	ND	51.2	47.0	1	10.0-120			9.73	33
4,6-Dinitro-2-methylphenol	710	ND	650	620	91.6	88.4	1	10.0-120			4.80	39
2,4-Dinitrophenol	710	ND	504	516	71.0	73.6	1	10.0-121			2.35	40
2-Nitrophenol	710	ND	445	400	62.7	57.0	1	12.0-120			10.8	39
4-Nitrophenol	710	ND	638	622	89.9	88.7	1	10.0-137			2.59	32
Pentachlorophenol	710	ND	517	504	72.9	71.9	1	10.0-160			2.56	31
Phenol	710	ND	415	ND	58.4	50.0	1	12.0-120			16.8	38
2,4,6-Trichlorophenol	710	ND	547	514	77.0	73.3	1	19.0-120			6.16	32
(S) 2-Fluorophenol					64.7	56.4		12.0-120				
(S) Phenol-d5					61.0	53.0		10.0-120				
(S) Nitrobenzene-d5					52.8	45.7		10.0-122				
(S) 2-Fluorobiphenyl					65.6	61.2		15.0-120				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

L1852114-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1852114-05 04/26/25 22:34 • (MS) R4205968-3 04/26/25 22:54 • (MSD) R4205968-4 04/26/25 23:15

	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD	RPD Limits
Analyte	ug/kg	ug/kg	ug/kg	ug/kg	%	%		%			%	%
(S) 2,4,6-Tribromophenol					98.9	98.6		10.0-127				
(S) p-Terphenyl-d14					66.6	64.9		10.0-120				

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

# GLOSSARY OF TERMS

## Guide to Reading and Understanding Your Laboratory Report

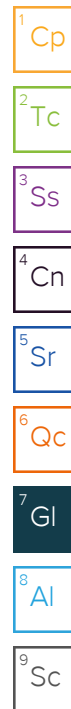
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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.
ND	Not detected at the Reporting Limit (or MDL where applicable).
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.
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.
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

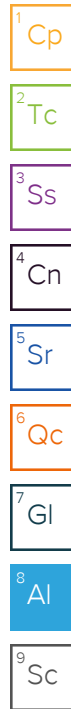
## Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122


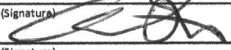
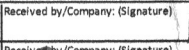

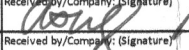

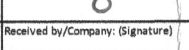
Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico <sup>1</sup>	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina <sup>1</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.



<b>Pace® Location Requested (City/State):</b> <b>Pace National, 12065 Lebanon Road, Mt. Juliet, TN 37122</b>		<b>CHAIN-OF-CUSTODY Analytical Request Document</b> <small>Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields</small>		<div style="text-align: center;">               Scan QR Code for instructions           </div> <div style="text-align: right; font-size: 1.2em; margin-top: 20px;">             W852107           </div>																																																																																																																																					
<b>Company Name:</b> CTEH, LLC <b>Street Address:</b> 5120 North Shore Drive, North Little Rock, AR 72118 <b>Customer Project #:</b> PROJ-054017 <b>Project Name:</b> Bishop Loss of Containment Incident <b>Site Collection Info/Facility ID (as applicable):</b> Chevron Galeton, CO		<b>Contact/Report To:</b> Lab Results, Kyle Lawrence, Tami McMullin, Andy Hensault, Eric Catlin, Madelyn Klinkerman <b>Phone #:</b> <b>E-Mail:</b> labresults@cteh.com; kylelawrence@cteh.com; tmcnullin@cteh.com; ahenault@cteh.com <b>Cc E-Mail:</b> ecattlin@cteh.com; mklinkerman@cteh.com <b>Invoice to:</b> CTEH <b>Invoice E-mail:</b> ctehap@montrose-env.com <b>Purchase Order # (if applicable):</b> <b>Quote #:</b>		<b>LAB USE ONLY- Affix Workorder/Login Label Here</b>  <div style="border: 1px solid black; padding: 5px;"> <b>Specify Container Size**</b>  <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>8 oz</td><td>8 oz</td><td>8 oz</td><td>8 oz</td><td>6</td><td></td><td></td><td></td><td></td><td></td> </tr> </table> <b>Identify Container Preservative Type***</b>  <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>1</td><td>1</td><td>1</td><td>1</td><td>4</td><td></td><td></td><td></td><td></td><td></td> </tr> </table> <b>Analysis Requested</b>  <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>VOCs 8260D</td> <td>SVOcs 8270E: Metals</td> <td>6010D</td> <td>Total N/TKN/N+NH3 EPA</td> <td>351.2/9056A</td> <td>TOC Walkley Black</td> <td>VOCs 8260D</td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> <b>*** Container Size:</b> (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other  <b>*** Preservative Types:</b> (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other           </div>		8 oz	8 oz	8 oz	8 oz	6						1	1	1	1	4						VOCs 8260D	SVOcs 8270E: Metals	6010D	Total N/TKN/N+NH3 EPA	351.2/9056A	TOC Walkley Black	VOCs 8260D																																																																																																									
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<b>Time Zone Collected:</b> [ ] AK [ ] PT <input checked="" type="checkbox"/> MT [ ] CT [ ] ET <b>Data Deliverables:</b> <input checked="" type="checkbox"/> Level II [ ] Level III [ ] Level IV <input type="checkbox"/> EQUIS <input type="checkbox"/> Other		<b>Regulatory Program (DW, RCRA, etc.) as applicable:</b> <b>Rush (Pre-approval required):</b> <input type="checkbox"/> Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other <u>ASAP</u> <b>Date Results Requested:</b> <b>DW PWSID # or WW Permit # as applicable:</b> <b>Field Filtered (if applicable):</b> [ ] Yes [ ] No <b>Analysis:</b>		<b>Proj. Mgr:</b> 546-Jared Starkey <b>AcctNum / Client ID:</b> CTEHER <b>Table #:</b> <b>Profile / Template:</b> T271979 <b>Prelg / Bottle Ord. ID:</b>																																																																																																																																					
<b>* Matrix Codes (Insert in Matrix box below):</b> Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)		<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Customer Sample ID</th> <th rowspan="2">Matrix *</th> <th rowspan="2">Comp / Grab</th> <th colspan="2">Composite Start</th> <th colspan="2">Collected or Composite End</th> <th rowspan="2"># Cont.</th> <th colspan="2">Residual Chlorine</th> <th rowspan="2">VOCs 8260D</th> <th rowspan="2">SVOcs 8270E: Metals</th> <th rowspan="2">6010D</th> <th rowspan="2">Total N/TKN/N+NH3 EPA</th> <th rowspan="2">351.2/9056A</th> <th rowspan="2">TOC Walkley Black</th> <th rowspan="2">VOCs 8260D</th> <th rowspan="2">Sample Comment</th> </tr> <tr> <th>Date</th> <th>Time</th> <th>Date</th> <th>Time</th> <th>Result</th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>GACO0425T050S016</td> <td>SS</td> <td>G</td> <td></td> <td></td> <td>4/25/25</td> <td>1035</td> <td>3</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>19</td> </tr> <tr> <td>GACO0425T050S011</td> <td>SS</td> <td>G</td> <td></td> <td></td> <td>4/25/25</td> <td>0815</td> <td>3</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>03</td> </tr> <tr> <td>GACO0425T050S010</td> <td>SS</td> <td>G</td> <td></td> <td></td> <td>4/25/25</td> <td>0830</td> <td>3</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>03</td> </tr> <tr> <td>GACO0425T050S012</td> <td>SS</td> <td>G</td> <td></td> <td></td> <td>4/25/25</td> <td>0905</td> <td>3</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>04</td> </tr> <tr> <td>GACO0425T050S017</td> <td>SS</td> <td>G</td> <td></td> <td></td> <td>4/25/25</td> <td>1115</td> <td>3</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>05</td> </tr> <tr> <td>GACO0425T050T005</td> <td>OT</td> <td>---</td> <td></td> <td></td> <td>4/25/25</td> <td>0730</td> <td>2</td> <td></td> <td></td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>X</td> <td>-</td> <td>00</td> </tr> </tbody> </table>		Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Chlorine		VOCs 8260D	SVOcs 8270E: Metals	6010D	Total N/TKN/N+NH3 EPA	351.2/9056A	TOC Walkley Black	VOCs 8260D	Sample Comment	Date	Time	Date	Time	Result	Units	GACO0425T050S016	SS	G			4/25/25	1035	3			X	X	X	X	X	X	X	19	GACO0425T050S011	SS	G			4/25/25	0815	3			X	X	X	X	X	X	X	03	GACO0425T050S010	SS	G			4/25/25	0830	3			X	X	X	X	X	X	X	03	GACO0425T050S012	SS	G			4/25/25	0905	3			X	X	X	X	X	X	X	04	GACO0425T050S017	SS	G			4/25/25	1115	3			X	X	X	X	X	X	X	05	GACO0425T050T005	OT	---			4/25/25	0730	2			-	-	-	-	-	X	-	00	<b>Lab Use Only</b> Preservation non-conformance identified for sample.	
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GACO0425T050T005	OT	---			4/25/25	0730	2			-	-	-	-	-	X	-	00																																																																																																																								
<b>Additional Instructions from Pace®:</b> VOCs - full list minus BTEX, 1,2,4-TMB, 1,3,5-TMB; SVOcs - full list minus PAHs, 1-methylnaphthalene, 2-methylnaphthalene; Metals - TAL minus RCRA, Cu, Ni, Zn		<b>Sample Receipt Checklist</b> COC Seal Present/Intact: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NP If Applicable COC Signed/Accurate: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N VOA Zero Headspace: <input type="checkbox"/> Y <input type="checkbox"/> N Bottles arrive intact: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Pres. Correct/Check: <input type="checkbox"/> Y <input type="checkbox"/> N Correct bottles used: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Sufficient volume sent: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N RA Screen <0.5 mR/hr: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <b>Condition:</b> NCF OK <b>Containers:</b> 15		<b>Customer Remarks / Special Conditions / Possible Hazards:</b> # Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [ ] On Ice																																																																																																																																					
<b>Relinquished by/Company: (Signature)</b>  CTEH <b>Date/Time:</b> 4/25/25 1800		<b>Received by/Company: (Signature)</b>  Pace <b>Date/Time:</b> 4/25/25 1800		<b>Tracking Number:</b>																																																																																																																																					
<b>Relinquished by/Company: (Signature)</b>  <b>Date/Time:</b>		<b>Received by/Company: (Signature)</b>  <b>Date/Time:</b> 04/26/2025 1145		<b>Delivered by:</b> [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other																																																																																																																																					
<b>Relinquished by/Company: (Signature)</b>  <b>Date/Time:</b>		<b>Received by/Company: (Signature)</b>  <b>Date/Time:</b>		<b>Page:</b> 1 of 1																																																																																																																																					