

## CTEH - ER

Sample Delivery Group: L1853792  
Samples Received: 05/01/2025  
Project Number: PROJ-054017  
Description: Bishop Loss of Containment Incident

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

Entire Report Reviewed By:



Jared Starkey  
Project Manager

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

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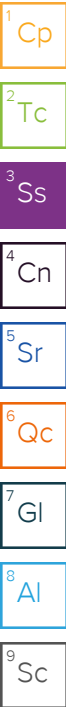
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# SAMPLE SUMMARY

## GACO0430T031S001 L1853792-01 Solid

Collected by: Shane Bragg  
 Collected date/time: 04/30/25 09:44  
 Received date/time: 05/01/25 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2504784	1	05/01/25 17:33	05/02/25 15:32	AEC	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2504572	1	05/01/25 14:12	05/01/25 14:24	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2504846	1	05/01/25 21:07	05/02/25 00:43	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2504844	10	05/01/25 20:57	05/02/25 15:32	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2504784	1.01	05/01/25 17:33	05/01/25 21:52	MDM	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2504836	5	05/01/25 14:00	05/02/25 17:33	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2504883	1	05/01/25 18:25	05/01/25 22:51	BAG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2504732	1	05/01/25 15:12	05/01/25 18:59	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2504788	2	05/01/25 16:48	05/02/25 00:50	NWH	Mt. Juliet, TN



## GACO0430T031S002 L1853792-02 Solid

Collected by: Shane Bragg  
 Collected date/time: 04/30/25 10:05  
 Received date/time: 05/01/25 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2504784	1	05/01/25 17:33	05/02/25 15:34	AEC	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2504575	1	05/01/25 14:25	05/01/25 14:43	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2504846	1	05/01/25 21:07	05/02/25 00:44	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2504844	10	05/01/25 20:57	05/02/25 15:34	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2504784	1.02	05/01/25 17:33	05/01/25 22:33	MDM	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2504836	5	05/01/25 14:00	05/02/25 17:33	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2504883	1	05/01/25 18:25	05/01/25 22:53	BAG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2504732	1	05/01/25 15:12	05/01/25 19:19	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2504788	2	05/01/25 16:48	05/01/25 22:23	NWH	Mt. Juliet, TN

## GACO0430T031S003 L1853792-03 Solid

Collected by: Shane Bragg  
 Collected date/time: 04/30/25 10:30  
 Received date/time: 05/01/25 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2504784	1	05/01/25 17:33	05/02/25 15:35	AEC	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2504575	1	05/01/25 14:25	05/01/25 14:43	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2504846	1	05/01/25 21:07	05/02/25 00:46	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2504844	10	05/01/25 20:57	05/02/25 15:35	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2504784	1	05/01/25 17:33	05/01/25 22:46	MDM	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2504836	5	05/01/25 14:00	05/02/25 17:34	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2504883	1	05/01/25 18:25	05/01/25 22:55	BAG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2504732	1	05/01/25 15:12	05/01/25 19:39	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2504788	1	05/01/25 16:48	05/01/25 23:28	JRM	Mt. Juliet, TN

## GACO0430T031S004 L1853792-04 Solid

Collected by: Shane Bragg  
 Collected date/time: 04/30/25 10:50  
 Received date/time: 05/01/25 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2504784	1	05/01/25 17:33	05/02/25 15:36	AEC	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2504575	1	05/01/25 14:25	05/01/25 14:43	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2504846	1	05/01/25 21:07	05/02/25 00:47	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2504844	10	05/01/25 20:57	05/02/25 15:36	AEC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2504784	1.03	05/01/25 17:33	05/01/25 23:00	MDM	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2504836	5	05/01/25 14:00	05/02/25 17:34	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2504883	1	05/01/25 18:25	05/01/25 22:57	BAG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2504732	1	05/01/25 15:12	05/01/25 19:58	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2504788	2	05/01/25 16:48	05/02/25 00:08	NWH	Mt. Juliet, TN

# SAMPLE SUMMARY

GACO0430T031T001 L1853792-05 GW

Collected by: Shane Bragg  
Collected date/time: 04/30/25 07:00  
Received date/time: 05/01/25 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2504740	1	05/01/25 18:32	05/01/25 18:32	NCD	Mt. Juliet, TN

<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

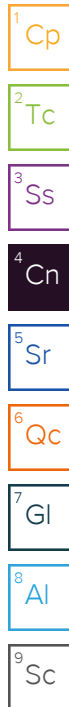
<sup>9</sup>Sc

# CASE NARRATIVE

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



Jared Starkey  
Project Manager



## Wet Chemistry by Method 4500NOrg D-2021

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

Batch	Lab Sample ID	Analytes
WG2504844	(MS) R4209110-5, (MSD) R4209110-6	Kjeldahl Nitrogen, TKN

## Metals (ICP) by Method 6010D

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

Batch	Lab Sample ID	Analytes
WG2504883	(MS) R4208623-5	Aluminum

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

Batch	Lab Sample ID	Analytes
WG2504883	(MS) R4208623-5, (MSD) R4208623-6	Aluminum, Iron and Manganese

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

Batch	Lab Sample ID	Analytes
WG2504883	(MS) R4208623-5	Calcium

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

Batch	Lab Sample ID	Analytes
WG2504883	(MSD) R4208623-6	Aluminum

## 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
WG2504732	L1853792-01	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, 2-Butanone (MEK), Acetone, Hexachloro-1,3-butadiene and n-Butylbenzene
WG2504732	L1853792-02	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, 2-Butanone (MEK), Acetone, Hexachloro-1,3-butadiene and n-Butylbenzene
WG2504732	L1853792-03	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, 2-Butanone (MEK), Acetone, Hexachloro-1,3-butadiene and n-Butylbenzene
WG2504732	L1853792-04	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, 2-Butanone (MEK), Acetone, Hexachloro-1,3-butadiene and n-Butylbenzene
WG2504740	L1853792-05	2,2-Dichloropropane, Acetone, Naphthalene and Trichlorofluoromethane

# CASE NARRATIVE

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

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

Batch	Lab Sample ID	Analytes
WG2504732	(LCSD) R4208652-2, L1853792-01, 02, 03, 04	1,2,3-Trichlorobenzene
WG2504740	(LCSD) R4208606-3, L1853792-05	1,2-Dichloroethane

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

Batch	Lab Sample ID	Analytes
WG2504732	(LCSD) R4208652-2, L1853792-01, 02, 03, 04	4-Methyl-2-pentanone (MIBK), Acrylonitrile and Bromoform
WG2504740	(LCS) R4208606-1, (LCSD) R4208606-3, L1853792-05	Dichlorodifluoromethane

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

Batch	Lab Sample ID	Analytes
WG2504732	(LCSD) R4208652-2, L1853792-01, 02, 03, 04	1,2,3-Trichloropropane, 1,2-Dibromo-3-Chloropropane, 2-Butanone (MEK), 4-Methyl-2-pentanone (MIBK), Acetone, Acrylonitrile and Methyl tert-butyl ether
WG2504740	(LCSD) R4208606-3, L1853792-05	1,2-Dichloroethane and 2,2-Dichloropropane

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

Batch	Lab Sample ID	Analytes
WG2504740	(MS) R4208606-4, (MSD) R4208606-5	Dichlorodifluoromethane

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

Batch	Lab Sample ID	Analytes
WG2504732	(MSD) R4208652-5	Trichlorofluoromethane

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

Batch	Lab Sample ID	Analytes
WG2504732	(MSD) R4208652-7, (MSD) R4208652-5	38 analytes

## 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.

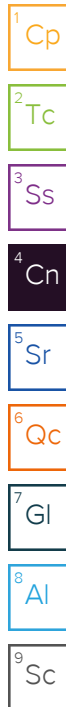
Batch	Lab Sample ID	Analytes
WG2504788	L1853792-01	2,4-Dimethylphenol and Hexachlorocyclopentadiene
WG2504788	L1853792-02	2,4-Dimethylphenol and Hexachlorocyclopentadiene
WG2504788	L1853792-03	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol, Bis(2-chloroethyl)ether and Hexachlorocyclopentadiene
WG2504788	L1853792-04	2,4-Dimethylphenol and Hexachlorocyclopentadiene

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

Batch	Lab Sample ID	Analytes
WG2504788	L1853792-01	Benzidine
WG2504788	L1853792-02	Benzidine
WG2504788	L1853792-04	Benzidine

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

Batch	Lab Sample ID	Analytes
WG2504788	(MS) R4208587-3, (MSD) R4208587-4	Hexachlorocyclopentadiene



Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	2200000		682	22500	1	05/02/2025 15:32	<a href="#">WG2504784</a>

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	89.7		1	05/01/2025 14:24	<a href="#">WG2504572</a>

Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	U		8010	11100	1	05/02/2025 00:43	<a href="#">WG2504846</a>

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	2110000		169000	223000	10	05/02/2025 15:32	<a href="#">WG2504844</a>

Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	90400		682	22500	1.01	05/01/2025 21:52	<a href="#">WG2504784</a>

Wet Chemistry by Method WALKLEY-BLACK

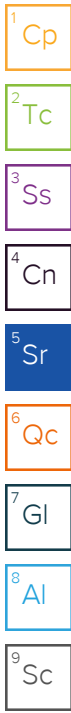
Analyte	Result ug/kg	Qualifier	MDL ug/kg	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	28500000		128000	500000	5	05/02/2025 17:33	<a href="#">WG2504836</a>

Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	2880000		6780	22300	1	05/01/2025 22:51	<a href="#">WG2504883</a>
Antimony	U		770	2230	1	05/01/2025 22:51	<a href="#">WG2504883</a>
Beryllium	494		53.2	223	1	05/01/2025 22:51	<a href="#">WG2504883</a>
Calcium	4350000		21200	111000	1	05/01/2025 22:51	<a href="#">WG2504883</a>
Cobalt	3630		197	1110	1	05/01/2025 22:51	<a href="#">WG2504883</a>
Iron	2810000		2500	11100	1	05/01/2025 22:51	<a href="#">WG2504883</a>
Magnesium	1700000		22200	111000	1	05/01/2025 22:51	<a href="#">WG2504883</a>
Manganese	209000		193	1110	1	05/01/2025 22:51	<a href="#">WG2504883</a>
Potassium	1920000		23300	111000	1	05/01/2025 22:51	<a href="#">WG2504883</a>
Sodium	83400	J	45900	111000	1	05/01/2025 22:51	<a href="#">WG2504883</a>
Thallium	U		577	2230	1	05/01/2025 22:51	<a href="#">WG2504883</a>
Vanadium	9780		427	2230	1	05/01/2025 22:51	<a href="#">WG2504883</a>

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

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	U	C3 J3	44.9	61.5	1	05/01/2025 18:59	<a href="#">WG2504732</a>
Acrylonitrile	U	J3 J4	4.44	15.4	1	05/01/2025 18:59	<a href="#">WG2504732</a>
Bromobenzene	U		1.11	15.4	1	05/01/2025 18:59	<a href="#">WG2504732</a>
Bromodichloromethane	U		0.892	3.07	1	05/01/2025 18:59	<a href="#">WG2504732</a>
Bromoform	U	J4	1.44	30.7	1	05/01/2025 18:59	<a href="#">WG2504732</a>
Bromomethane	U		2.42	15.4	1	05/01/2025 18:59	<a href="#">WG2504732</a>



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

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
n-Butylbenzene	U	<u>C3</u>	6.46	15.4	1	05/01/2025 18:59	WG2504732
sec-Butylbenzene	U		3.54	15.4	1	05/01/2025 18:59	WG2504732
tert-Butylbenzene	U		2.40	6.15	1	05/01/2025 18:59	WG2504732
Carbon tetrachloride	U		1.10	6.15	1	05/01/2025 18:59	WG2504732
Chlorobenzene	U		0.258	3.07	1	05/01/2025 18:59	WG2504732
Chlorodibromomethane	U		0.753	3.07	1	05/01/2025 18:59	WG2504732
Chloroethane	U		2.09	6.15	1	05/01/2025 18:59	WG2504732
Chloroform	U		1.27	3.07	1	05/01/2025 18:59	WG2504732
Chloromethane	U		5.35	15.4	1	05/01/2025 18:59	WG2504732
2-Chlorotoluene	U		1.06	3.07	1	05/01/2025 18:59	WG2504732
4-Chlorotoluene	U		0.553	6.15	1	05/01/2025 18:59	WG2504732
1,2-Dibromo-3-Chloropropane	U	<u>C3 J3</u>	4.80	30.7	1	05/01/2025 18:59	WG2504732
1,2-Dibromoethane	U		0.797	3.07	1	05/01/2025 18:59	WG2504732
Dibromomethane	U		0.922	6.15	1	05/01/2025 18:59	WG2504732
1,2-Dichlorobenzene	U		0.523	6.15	1	05/01/2025 18:59	WG2504732
1,3-Dichlorobenzene	U		0.738	6.15	1	05/01/2025 18:59	WG2504732
1,4-Dichlorobenzene	U		0.861	6.15	1	05/01/2025 18:59	WG2504732
Dichlorodifluoromethane	U		1.98	6.15	1	05/01/2025 18:59	WG2504732
1,1-Dichloroethane	U		0.604	3.07	1	05/01/2025 18:59	WG2504732
1,2-Dichloroethane	U		0.798	3.07	1	05/01/2025 18:59	WG2504732
1,1-Dichloroethene	U		0.745	3.07	1	05/01/2025 18:59	WG2504732
cis-1,2-Dichloroethene	U		0.903	3.07	1	05/01/2025 18:59	WG2504732
trans-1,2-Dichloroethene	U		1.28	6.15	1	05/01/2025 18:59	WG2504732
1,2-Dichloropropane	U		1.75	6.15	1	05/01/2025 18:59	WG2504732
1,1-Dichloropropene	U		0.995	3.07	1	05/01/2025 18:59	WG2504732
1,3-Dichloropropane	U		0.616	6.15	1	05/01/2025 18:59	WG2504732
cis-1,3-Dichloropropene	U		0.931	3.07	1	05/01/2025 18:59	WG2504732
trans-1,3-Dichloropropene	U		1.40	6.15	1	05/01/2025 18:59	WG2504732
2,2-Dichloropropane	U		1.70	3.07	1	05/01/2025 18:59	WG2504732
Di-isopropyl ether	U		0.504	1.23	1	05/01/2025 18:59	WG2504732
Hexachloro-1,3-butadiene	U	<u>C3</u>	7.38	30.7	1	05/01/2025 18:59	WG2504732
Isopropylbenzene	U		0.523	3.07	1	05/01/2025 18:59	WG2504732
p-Isopropyltoluene	U		3.14	6.15	1	05/01/2025 18:59	WG2504732
2-Butanone (MEK)	U	<u>C3 J3</u>	78.1	123	1	05/01/2025 18:59	WG2504732
Methylene Chloride	U		8.17	30.7	1	05/01/2025 18:59	WG2504732
4-Methyl-2-pentanone (MIBK)	U	<u>J3 J4</u>	2.80	30.7	1	05/01/2025 18:59	WG2504732
Methyl tert-butyl ether	U	<u>J3</u>	0.430	1.23	1	05/01/2025 18:59	WG2504732
n-Propylbenzene	U		1.17	6.15	1	05/01/2025 18:59	WG2504732
Styrene	U		0.282	15.4	1	05/01/2025 18:59	WG2504732
1,1,1,2-Tetrachloroethane	U		1.17	3.07	1	05/01/2025 18:59	WG2504732
1,1,2,2-Tetrachloroethane	U		0.855	3.07	1	05/01/2025 18:59	WG2504732
1,1,2-Trichlorotrifluoroethane	U		0.927	3.07	1	05/01/2025 18:59	WG2504732
Tetrachloroethene	U		1.10	3.07	1	05/01/2025 18:59	WG2504732
1,2,3-Trichlorobenzene	U	<u>C3 J4</u>	9.02	15.4	1	05/01/2025 18:59	WG2504732
1,2,4-Trichlorobenzene	U	<u>C3</u>	5.41	15.4	1	05/01/2025 18:59	WG2504732
1,1,1-Trichloroethane	U		1.14	3.07	1	05/01/2025 18:59	WG2504732
1,1,2-Trichloroethane	U		0.734	3.07	1	05/01/2025 18:59	WG2504732
Trichloroethene	U		0.718	1.23	1	05/01/2025 18:59	WG2504732
Trichlorofluoromethane	U		1.02	3.07	1	05/01/2025 18:59	WG2504732
1,2,3-Trichloropropane	U	<u>J3</u>	1.99	15.4	1	05/01/2025 18:59	WG2504732
1,2,3-Trimethylbenzene	U		1.94	6.15	1	05/01/2025 18:59	WG2504732
Vinyl chloride	U		1.43	3.07	1	05/01/2025 18:59	WG2504732
(S) Toluene-d8	101			75.0-131		05/01/2025 18:59	WG2504732
(S) 4-Bromofluorobenzene	105			67.0-138		05/01/2025 18:59	WG2504732
(S) 1,2-Dichloroethane-d4	95.2			70.0-130		05/01/2025 18:59	WG2504732

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	U		10.5	74.2	2	05/02/2025 00:50	WG2504788
Benzidine	U	C7	139	3720	2	05/02/2025 00:50	WG2504788
Benzo(g,h,i)perylene	U		13.6	74.2	2	05/02/2025 00:50	WG2504788
Bis(2-chloroethoxy)methane	U		22.3	742	2	05/02/2025 00:50	WG2504788
Bis(2-chloroethyl)ether	U		24.5	742	2	05/02/2025 00:50	WG2504788
2,2-Oxybis(1-Chloropropane)	U		32.1	742	2	05/02/2025 00:50	WG2504788
4-Bromophenyl-phenylether	U		26.1	742	2	05/02/2025 00:50	WG2504788
2-Chloronaphthalene	U		13.0	74.2	2	05/02/2025 00:50	WG2504788
4-Chlorophenyl-phenylether	U		25.9	742	2	05/02/2025 00:50	WG2504788
1,2-Dichlorobenzene	U		22.0	742	2	05/02/2025 00:50	WG2504788
1,3-Dichlorobenzene	U		22.5	742	2	05/02/2025 00:50	WG2504788
1,4-Dichlorobenzene	U		22.1	742	2	05/02/2025 00:50	WG2504788
3,3-Dichlorobenzidine	U		27.4	742	2	05/02/2025 00:50	WG2504788
2,4-Dinitrotoluene	U		21.3	742	2	05/02/2025 00:50	WG2504788
2,6-Dinitrotoluene	U		24.3	742	2	05/02/2025 00:50	WG2504788
Hexachlorobenzene	U		26.3	742	2	05/02/2025 00:50	WG2504788
Hexachloro-1,3-butadiene	U		25.0	742	2	05/02/2025 00:50	WG2504788
Hexachlorocyclopentadiene	U	C3	39.0	742	2	05/02/2025 00:50	WG2504788
Hexachloroethane	U		29.2	742	2	05/02/2025 00:50	WG2504788
Isophorone	U		22.7	742	2	05/02/2025 00:50	WG2504788
Nitrobenzene	U		25.9	742	2	05/02/2025 00:50	WG2504788
n-Nitrosodimethylamine	U		110	742	2	05/02/2025 00:50	WG2504788
n-Nitrosodiphenylamine	U		56.2	742	2	05/02/2025 00:50	WG2504788
n-Nitrosodi-n-propylamine	U		24.7	742	2	05/02/2025 00:50	WG2504788
Phenanthrene	U		14.7	74.2	2	05/02/2025 00:50	WG2504788
Benzylbutyl phthalate	U		23.2	742	2	05/02/2025 00:50	WG2504788
Bis(2-ethylhexyl)phthalate	U		94.1	742	2	05/02/2025 00:50	WG2504788
Di-n-butyl phthalate	U		25.4	742	2	05/02/2025 00:50	WG2504788
Diethyl phthalate	U		24.5	742	2	05/02/2025 00:50	WG2504788
Dimethyl phthalate	U		157	742	2	05/02/2025 00:50	WG2504788
Di-n-octyl phthalate	U		50.2	742	2	05/02/2025 00:50	WG2504788
1,2,4-Trichlorobenzene	U		23.2	742	2	05/02/2025 00:50	WG2504788
4-Chloro-3-methylphenol	U		24.1	742	2	05/02/2025 00:50	WG2504788
2-Chlorophenol	U		24.5	742	2	05/02/2025 00:50	WG2504788
2,4-Dichlorophenol	U		21.6	742	2	05/02/2025 00:50	WG2504788
2,4-Dimethylphenol	U	C3	19.4	742	2	05/02/2025 00:50	WG2504788
4,6-Dinitro-2-methylphenol	U		168	742	2	05/02/2025 00:50	WG2504788
2,4-Dinitrophenol	U		174	742	2	05/02/2025 00:50	WG2504788
2-Nitrophenol	U		26.5	742	2	05/02/2025 00:50	WG2504788
4-Nitrophenol	U		23.2	742	2	05/02/2025 00:50	WG2504788
Pentachlorophenol	U		20.0	742	2	05/02/2025 00:50	WG2504788
Phenol	U		29.9	742	2	05/02/2025 00:50	WG2504788
2,4,6-Trichlorophenol	U		23.9	742	2	05/02/2025 00:50	WG2504788
(S) 2-Fluorophenol	72.7			12.0-120		05/02/2025 00:50	WG2504788
(S) Phenol-d5	61.9			10.0-120		05/02/2025 00:50	WG2504788
(S) Nitrobenzene-d5	50.2			10.0-122		05/02/2025 00:50	WG2504788
(S) 2-Fluorobiphenyl	64.8			15.0-120		05/02/2025 00:50	WG2504788
(S) 2,4,6-Tribromophenol	65.4			10.0-127		05/02/2025 00:50	WG2504788
(S) p-Terphenyl-d14	65.7			10.0-120		05/02/2025 00:50	WG2504788

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

## Sample Narrative:

L1853792-01 WG2504788: Dilution due to matrix impact during extract concentration procedure.

## Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	518000		641	21200	1	05/02/2025 15:34	<a href="#">WG2504784</a>

## Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	96.4		1	05/01/2025 14:43	<a href="#">WG2504575</a>

## Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	U		7460	10400	1	05/02/2025 00:44	<a href="#">WG2504846</a>

## Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	502000		158000	207000	10	05/02/2025 15:34	<a href="#">WG2504844</a>

## Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	16200	J	641	21200	1.02	05/01/2025 22:33	<a href="#">WG2504784</a>

## Wet Chemistry by Method WALKLEY-BLACK

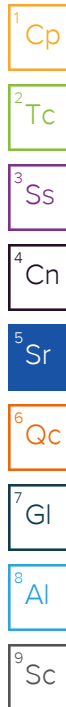
Analyte	Result ug/kg	Qualifier	MDL ug/kg	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	8760000		128000	500000	5	05/02/2025 17:33	<a href="#">WG2504836</a>

## Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	331000		6310	20700	1	05/01/2025 22:53	<a href="#">WG2504883</a>
Antimony	U		717	2070	1	05/01/2025 22:53	<a href="#">WG2504883</a>
Beryllium	87.9	J	49.5	207	1	05/01/2025 22:53	<a href="#">WG2504883</a>
Calcium	16600000		19700	104000	1	05/01/2025 22:53	<a href="#">WG2504883</a>
Cobalt	889	J	184	1040	1	05/01/2025 22:53	<a href="#">WG2504883</a>
Iron	865000		2320	10400	1	05/01/2025 22:53	<a href="#">WG2504883</a>
Magnesium	596000		20600	104000	1	05/01/2025 22:53	<a href="#">WG2504883</a>
Manganese	93500		179	1040	1	05/01/2025 22:53	<a href="#">WG2504883</a>
Potassium	471000		21700	104000	1	05/01/2025 22:53	<a href="#">WG2504883</a>
Sodium	U		42700	104000	1	05/01/2025 22:53	<a href="#">WG2504883</a>
Thallium	U		537	2070	1	05/01/2025 22:53	<a href="#">WG2504883</a>
Vanadium	2110		397	2070	1	05/01/2025 22:53	<a href="#">WG2504883</a>

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

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	U	C3 J3	39.2	53.7	1	05/01/2025 19:19	<a href="#">WG2504732</a>
Acrylonitrile	U	J3 J4	3.88	13.4	1	05/01/2025 19:19	<a href="#">WG2504732</a>
Bromobenzene	U		0.967	13.4	1	05/01/2025 19:19	<a href="#">WG2504732</a>
Bromodichloromethane	U		0.779	2.69	1	05/01/2025 19:19	<a href="#">WG2504732</a>
Bromoform	U	J4	1.26	26.9	1	05/01/2025 19:19	<a href="#">WG2504732</a>
Bromomethane	U		2.12	13.4	1	05/01/2025 19:19	<a href="#">WG2504732</a>



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

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
n-Butylbenzene	U	<u>C3</u>	5.64	13.4	1	05/01/2025 19:19	WG2504732
sec-Butylbenzene	U		3.09	13.4	1	05/01/2025 19:19	WG2504732
tert-Butylbenzene	U		2.10	5.37	1	05/01/2025 19:19	WG2504732
Carbon tetrachloride	U		0.965	5.37	1	05/01/2025 19:19	WG2504732
Chlorobenzene	U		0.226	2.69	1	05/01/2025 19:19	WG2504732
Chlorodibromomethane	U		0.658	2.69	1	05/01/2025 19:19	WG2504732
Chloroethane	U		1.83	5.37	1	05/01/2025 19:19	WG2504732
Chloroform	U		1.11	2.69	1	05/01/2025 19:19	WG2504732
Chloromethane	U		4.67	13.4	1	05/01/2025 19:19	WG2504732
2-Chlorotoluene	U		0.929	2.69	1	05/01/2025 19:19	WG2504732
4-Chlorotoluene	U		0.483	5.37	1	05/01/2025 19:19	WG2504732
1,2-Dibromo-3-Chloropropane	U	<u>C3 J3</u>	4.19	26.9	1	05/01/2025 19:19	WG2504732
1,2-Dibromoethane	U		0.696	2.69	1	05/01/2025 19:19	WG2504732
Dibromomethane	U		0.806	5.37	1	05/01/2025 19:19	WG2504732
1,2-Dichlorobenzene	U		0.457	5.37	1	05/01/2025 19:19	WG2504732
1,3-Dichlorobenzene	U		0.645	5.37	1	05/01/2025 19:19	WG2504732
1,4-Dichlorobenzene	U		0.752	5.37	1	05/01/2025 19:19	WG2504732
Dichlorodifluoromethane	U		1.73	5.37	1	05/01/2025 19:19	WG2504732
1,1-Dichloroethane	U		0.528	2.69	1	05/01/2025 19:19	WG2504732
1,2-Dichloroethane	U		0.697	2.69	1	05/01/2025 19:19	WG2504732
1,1-Dichloroethene	U		0.651	2.69	1	05/01/2025 19:19	WG2504732
cis-1,2-Dichloroethene	U		0.789	2.69	1	05/01/2025 19:19	WG2504732
trans-1,2-Dichloroethene	U		1.12	5.37	1	05/01/2025 19:19	WG2504732
1,2-Dichloropropane	U		1.53	5.37	1	05/01/2025 19:19	WG2504732
1,1-Dichloropropene	U		0.869	2.69	1	05/01/2025 19:19	WG2504732
1,3-Dichloropropane	U		0.538	5.37	1	05/01/2025 19:19	WG2504732
cis-1,3-Dichloropropene	U		0.813	2.69	1	05/01/2025 19:19	WG2504732
trans-1,3-Dichloropropene	U		1.22	5.37	1	05/01/2025 19:19	WG2504732
2,2-Dichloropropane	U		1.48	2.69	1	05/01/2025 19:19	WG2504732
Di-isopropyl ether	U		0.441	1.07	1	05/01/2025 19:19	WG2504732
Hexachloro-1,3-butadiene	U	<u>C3</u>	6.45	26.9	1	05/01/2025 19:19	WG2504732
Isopropylbenzene	U		0.457	2.69	1	05/01/2025 19:19	WG2504732
p-Isopropyltoluene	U		2.74	5.37	1	05/01/2025 19:19	WG2504732
2-Butanone (MEK)	U	<u>C3 J3</u>	68.2	107	1	05/01/2025 19:19	WG2504732
Methylene Chloride	U		7.13	26.9	1	05/01/2025 19:19	WG2504732
4-Methyl-2-pentanone (MIBK)	U	<u>J3 J4</u>	2.45	26.9	1	05/01/2025 19:19	WG2504732
Methyl tert-butyl ether	U	<u>J3</u>	0.376	1.07	1	05/01/2025 19:19	WG2504732
n-Propylbenzene	U		1.02	5.37	1	05/01/2025 19:19	WG2504732
Styrene	U		0.246	13.4	1	05/01/2025 19:19	WG2504732
1,1,1,2-Tetrachloroethane	U		1.02	2.69	1	05/01/2025 19:19	WG2504732
1,1,2,2-Tetrachloroethane	U		0.747	2.69	1	05/01/2025 19:19	WG2504732
1,1,2-Trichlorotrifluoroethane	U		0.810	2.69	1	05/01/2025 19:19	WG2504732
Tetrachloroethene	U		0.963	2.69	1	05/01/2025 19:19	WG2504732
1,2,3-Trichlorobenzene	U	<u>C3 J4</u>	7.88	13.4	1	05/01/2025 19:19	WG2504732
1,2,4-Trichlorobenzene	U	<u>C3</u>	4.73	13.4	1	05/01/2025 19:19	WG2504732
1,1,1-Trichloroethane	U		0.992	2.69	1	05/01/2025 19:19	WG2504732
1,1,2-Trichloroethane	U		0.641	2.69	1	05/01/2025 19:19	WG2504732
Trichloroethene	U		0.627	1.07	1	05/01/2025 19:19	WG2504732
Trichlorofluoromethane	U		0.889	2.69	1	05/01/2025 19:19	WG2504732
1,2,3-Trichloropropane	U	<u>J3</u>	1.74	13.4	1	05/01/2025 19:19	WG2504732
1,2,3-Trimethylbenzene	U		1.70	5.37	1	05/01/2025 19:19	WG2504732
Vinyl chloride	U		1.25	2.69	1	05/01/2025 19:19	WG2504732
(S) Toluene-d8	101			75.0-131		05/01/2025 19:19	WG2504732
(S) 4-Bromofluorobenzene	102			67.0-138		05/01/2025 19:19	WG2504732
(S) 1,2-Dichloroethane-d4	94.9			70.0-130		05/01/2025 19:19	WG2504732

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	U		9.73	69.1	2	05/01/2025 22:23	WG2504788
Benzidine	U	C7	130	3460	2	05/01/2025 22:23	WG2504788
Benzo(g,h,i)perylene	U		12.7	69.1	2	05/01/2025 22:23	WG2504788
Bis(2-chloroethoxy)methane	U		20.7	691	2	05/01/2025 22:23	WG2504788
Bis(2-chloroethyl)ether	U		22.8	691	2	05/01/2025 22:23	WG2504788
2,2-Oxybis(1-Chloropropane)	U		29.9	691	2	05/01/2025 22:23	WG2504788
4-Bromophenyl-phenylether	U		24.3	691	2	05/01/2025 22:23	WG2504788
2-Chloronaphthalene	U		12.1	69.1	2	05/01/2025 22:23	WG2504788
4-Chlorophenyl-phenylether	U		24.1	691	2	05/01/2025 22:23	WG2504788
1,2-Dichlorobenzene	U		20.4	691	2	05/01/2025 22:23	WG2504788
1,3-Dichlorobenzene	U		21.0	691	2	05/01/2025 22:23	WG2504788
1,4-Dichlorobenzene	U		20.5	691	2	05/01/2025 22:23	WG2504788
3,3-Dichlorobenzidine	U		25.5	691	2	05/01/2025 22:23	WG2504788
2,4-Dinitrotoluene	U		19.8	691	2	05/01/2025 22:23	WG2504788
2,6-Dinitrotoluene	U		22.6	691	2	05/01/2025 22:23	WG2504788
Hexachlorobenzene	U		24.5	691	2	05/01/2025 22:23	WG2504788
Hexachloro-1,3-butadiene	U		23.2	691	2	05/01/2025 22:23	WG2504788
Hexachlorocyclopentadiene	U	C3	36.3	691	2	05/01/2025 22:23	WG2504788
Hexachloroethane	U		27.2	691	2	05/01/2025 22:23	WG2504788
Isophorone	U		21.2	691	2	05/01/2025 22:23	WG2504788
Nitrobenzene	U		24.1	691	2	05/01/2025 22:23	WG2504788
n-Nitrosodimethylamine	U		102	691	2	05/01/2025 22:23	WG2504788
n-Nitrosodiphenylamine	U		52.3	691	2	05/01/2025 22:23	WG2504788
n-Nitrosodi-n-propylamine	U		23.0	691	2	05/01/2025 22:23	WG2504788
Phenanthrene	U		13.7	69.1	2	05/01/2025 22:23	WG2504788
Benzylbutyl phthalate	U		21.6	691	2	05/01/2025 22:23	WG2504788
Bis(2-ethylhexyl)phthalate	U		87.5	691	2	05/01/2025 22:23	WG2504788
Di-n-butyl phthalate	U		23.6	691	2	05/01/2025 22:23	WG2504788
Diethyl phthalate	U		22.8	691	2	05/01/2025 22:23	WG2504788
Dimethyl phthalate	U		146	691	2	05/01/2025 22:23	WG2504788
Di-n-octyl phthalate	U		46.7	691	2	05/01/2025 22:23	WG2504788
1,2,4-Trichlorobenzene	U		21.6	691	2	05/01/2025 22:23	WG2504788
4-Chloro-3-methylphenol	U		22.4	691	2	05/01/2025 22:23	WG2504788
2-Chlorophenol	U		22.8	691	2	05/01/2025 22:23	WG2504788
2,4-Dichlorophenol	U		20.1	691	2	05/01/2025 22:23	WG2504788
2,4-Dimethylphenol	U	C3	18.0	691	2	05/01/2025 22:23	WG2504788
4,6-Dinitro-2-methylphenol	U		157	691	2	05/01/2025 22:23	WG2504788
2,4-Dinitrophenol	U		162	691	2	05/01/2025 22:23	WG2504788
2-Nitrophenol	U		24.7	691	2	05/01/2025 22:23	WG2504788
4-Nitrophenol	U		21.6	691	2	05/01/2025 22:23	WG2504788
Pentachlorophenol	U		18.6	691	2	05/01/2025 22:23	WG2504788
Phenol	U		27.8	691	2	05/01/2025 22:23	WG2504788
2,4,6-Trichlorophenol	U		22.2	691	2	05/01/2025 22:23	WG2504788
(S) 2-Fluorophenol	72.7			12.0-120		05/01/2025 22:23	WG2504788
(S) Phenol-d5	62.4			10.0-120		05/01/2025 22:23	WG2504788
(S) Nitrobenzene-d5	50.9			10.0-122		05/01/2025 22:23	WG2504788
(S) 2-Fluorobiphenyl	62.9			15.0-120		05/01/2025 22:23	WG2504788
(S) 2,4,6-Tribromophenol	62.6			10.0-127		05/01/2025 22:23	WG2504788
(S) p-Terphenyl-d14	68.4			10.0-120		05/01/2025 22:23	WG2504788

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

## Sample Narrative:

L1853792-02 WG2504788: Dilution due to matrix impact during extract concentration procedure.

## Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	592000		753	24800	1	05/02/2025 15:35	<a href="#">WG2504784</a>

## Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	80.5		1	05/01/2025 14:43	<a href="#">WG2504575</a>

## Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	U		8930	12400	1	05/02/2025 00:46	<a href="#">WG2504846</a>

## Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	592000		189000	248000	10	05/02/2025 15:35	<a href="#">WG2504844</a>

## Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	U		753	24800	1	05/01/2025 22:46	<a href="#">WG2504784</a>

## Wet Chemistry by Method WALKLEY-BLACK

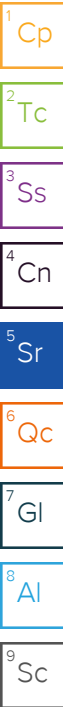
Analyte	Result ug/kg	Qualifier	MDL ug/kg	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	15900000		128000	500000	5	05/02/2025 17:34	<a href="#">WG2504836</a>

## Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	1330000		7550	24800	1	05/01/2025 22:55	<a href="#">WG2504883</a>
Antimony	U		858	2480	1	05/01/2025 22:55	<a href="#">WG2504883</a>
Beryllium	363		59.2	248	1	05/01/2025 22:55	<a href="#">WG2504883</a>
Calcium	5600000		23600	124000	1	05/01/2025 22:55	<a href="#">WG2504883</a>
Cobalt	3880		220	1240	1	05/01/2025 22:55	<a href="#">WG2504883</a>
Iron	2980000		2780	12400	1	05/01/2025 22:55	<a href="#">WG2504883</a>
Magnesium	3140000		24700	124000	1	05/01/2025 22:55	<a href="#">WG2504883</a>
Manganese	180000		215	1240	1	05/01/2025 22:55	<a href="#">WG2504883</a>
Potassium	804000		26000	124000	1	05/01/2025 22:55	<a href="#">WG2504883</a>
Sodium	959000		51200	124000	1	05/01/2025 22:55	<a href="#">WG2504883</a>
Thallium	U		643	2480	1	05/01/2025 22:55	<a href="#">WG2504883</a>
Vanadium	4310		476	2480	1	05/01/2025 22:55	<a href="#">WG2504883</a>

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

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	U	<a href="#">C3 J3</a>	54.2	74.2	1	05/01/2025 19:39	<a href="#">WG2504732</a>
Acrylonitrile	U	<a href="#">J3 J4</a>	5.36	18.6	1	05/01/2025 19:39	<a href="#">WG2504732</a>
Bromobenzene	U		1.34	18.6	1	05/01/2025 19:39	<a href="#">WG2504732</a>
Bromodichloromethane	U		1.08	3.71	1	05/01/2025 19:39	<a href="#">WG2504732</a>
Bromoform	U	<a href="#">J4</a>	1.74	37.1	1	05/01/2025 19:39	<a href="#">WG2504732</a>
Bromomethane	U		2.92	18.6	1	05/01/2025 19:39	<a href="#">WG2504732</a>



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

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
n-Butylbenzene	U	<u>C3</u>	7.79	18.6	1	05/01/2025 19:39	WG2504732
sec-Butylbenzene	U		4.27	18.6	1	05/01/2025 19:39	WG2504732
tert-Butylbenzene	U		2.89	7.42	1	05/01/2025 19:39	WG2504732
Carbon tetrachloride	U		1.33	7.42	1	05/01/2025 19:39	WG2504732
Chlorobenzene	U		0.312	3.71	1	05/01/2025 19:39	WG2504732
Chlorodibromomethane	U		0.908	3.71	1	05/01/2025 19:39	WG2504732
Chloroethane	U		2.52	7.42	1	05/01/2025 19:39	WG2504732
Chloroform	U		1.53	3.71	1	05/01/2025 19:39	WG2504732
Chloromethane	U		6.46	18.6	1	05/01/2025 19:39	WG2504732
2-Chlorotoluene	U		1.28	3.71	1	05/01/2025 19:39	WG2504732
4-Chlorotoluene	U		0.668	7.42	1	05/01/2025 19:39	WG2504732
1,2-Dibromo-3-Chloropropane	U	<u>C3 J3</u>	5.79	37.1	1	05/01/2025 19:39	WG2504732
1,2-Dibromoethane	U		0.962	3.71	1	05/01/2025 19:39	WG2504732
Dibromomethane	U		1.11	7.42	1	05/01/2025 19:39	WG2504732
1,2-Dichlorobenzene	U		0.631	7.42	1	05/01/2025 19:39	WG2504732
1,3-Dichlorobenzene	U		0.890	7.42	1	05/01/2025 19:39	WG2504732
1,4-Dichlorobenzene	U		1.04	7.42	1	05/01/2025 19:39	WG2504732
Dichlorodifluoromethane	U		2.39	7.42	1	05/01/2025 19:39	WG2504732
1,1-Dichloroethane	U		0.729	3.71	1	05/01/2025 19:39	WG2504732
1,2-Dichloroethane	U		0.963	3.71	1	05/01/2025 19:39	WG2504732
1,1-Dichloroethene	U		0.899	3.71	1	05/01/2025 19:39	WG2504732
cis-1,2-Dichloroethene	U		1.09	3.71	1	05/01/2025 19:39	WG2504732
trans-1,2-Dichloroethene	U		1.54	7.42	1	05/01/2025 19:39	WG2504732
1,2-Dichloropropane	U		2.11	7.42	1	05/01/2025 19:39	WG2504732
1,1-Dichloropropene	U		1.20	3.71	1	05/01/2025 19:39	WG2504732
1,3-Dichloropropane	U		0.744	7.42	1	05/01/2025 19:39	WG2504732
cis-1,3-Dichloropropene	U		1.12	3.71	1	05/01/2025 19:39	WG2504732
trans-1,3-Dichloropropene	U		1.69	7.42	1	05/01/2025 19:39	WG2504732
2,2-Dichloropropane	U		2.05	3.71	1	05/01/2025 19:39	WG2504732
Di-isopropyl ether	U		0.608	1.48	1	05/01/2025 19:39	WG2504732
Hexachloro-1,3-butadiene	U	<u>C3</u>	8.90	37.1	1	05/01/2025 19:39	WG2504732
Isopropylbenzene	U		0.631	3.71	1	05/01/2025 19:39	WG2504732
p-Isopropyltoluene	U		3.78	7.42	1	05/01/2025 19:39	WG2504732
2-Butanone (MEK)	U	<u>C3 J3</u>	94.2	148	1	05/01/2025 19:39	WG2504732
Methylene Chloride	U		9.85	37.1	1	05/01/2025 19:39	WG2504732
4-Methyl-2-pentanone (MIBK)	U	<u>J3 J4</u>	3.38	37.1	1	05/01/2025 19:39	WG2504732
Methyl tert-butyl ether	U	<u>J3</u>	0.519	1.48	1	05/01/2025 19:39	WG2504732
n-Propylbenzene	U		1.41	7.42	1	05/01/2025 19:39	WG2504732
Styrene	U		0.340	18.6	1	05/01/2025 19:39	WG2504732
1,1,1,2-Tetrachloroethane	U		1.41	3.71	1	05/01/2025 19:39	WG2504732
1,1,2,2-Tetrachloroethane	U		1.03	3.71	1	05/01/2025 19:39	WG2504732
1,1,2-Trichlorotrifluoroethane	U		1.12	3.71	1	05/01/2025 19:39	WG2504732
Tetrachloroethene	U		1.33	3.71	1	05/01/2025 19:39	WG2504732
1,2,3-Trichlorobenzene	U	<u>C3 J4</u>	10.9	18.6	1	05/01/2025 19:39	WG2504732
1,2,4-Trichlorobenzene	U	<u>C3</u>	6.53	18.6	1	05/01/2025 19:39	WG2504732
1,1,1-Trichloroethane	U		1.37	3.71	1	05/01/2025 19:39	WG2504732
1,1,2-Trichloroethane	U		0.886	3.71	1	05/01/2025 19:39	WG2504732
Trichloroethene	U		0.867	1.48	1	05/01/2025 19:39	WG2504732
Trichlorofluoromethane	U		1.23	3.71	1	05/01/2025 19:39	WG2504732
1,2,3-Trichloropropane	U	<u>J3</u>	2.40	18.6	1	05/01/2025 19:39	WG2504732
1,2,3-Trimethylbenzene	U		2.34	7.42	1	05/01/2025 19:39	WG2504732
Vinyl chloride	U		1.72	3.71	1	05/01/2025 19:39	WG2504732
(S) Toluene-d8	102			75.0-131		05/01/2025 19:39	WG2504732
(S) 4-Bromofluorobenzene	105			67.0-138		05/01/2025 19:39	WG2504732
(S) 1,2-Dichloroethane-d4	87.6			70.0-130		05/01/2025 19:39	WG2504732

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	U		5.82	41.4	1	05/01/2025 23:28	WG2504788
Benzidine	U		77.7	2070	1	05/01/2025 23:28	WG2504788
Benzo(g,h,i)perylene	U		7.56	41.4	1	05/01/2025 23:28	WG2504788
Bis(2-chloroethoxy)methane	U		12.4	414	1	05/01/2025 23:28	WG2504788
Bis(2-chloroethyl)ether	U	C3	13.7	414	1	05/01/2025 23:28	WG2504788
2,2-Oxybis(1-Chloropropane)	U	C3	17.9	414	1	05/01/2025 23:28	WG2504788
4-Bromophenyl-phenylether	U		14.5	414	1	05/01/2025 23:28	WG2504788
2-Chloronaphthalene	U		7.26	41.4	1	05/01/2025 23:28	WG2504788
4-Chlorophenyl-phenylether	U		14.4	414	1	05/01/2025 23:28	WG2504788
1,2-Dichlorobenzene	U		12.3	414	1	05/01/2025 23:28	WG2504788
1,3-Dichlorobenzene	U		12.5	414	1	05/01/2025 23:28	WG2504788
1,4-Dichlorobenzene	U		12.3	414	1	05/01/2025 23:28	WG2504788
3,3-Dichlorobenzidine	U		15.3	414	1	05/01/2025 23:28	WG2504788
2,4-Dinitrotoluene	U		11.9	414	1	05/01/2025 23:28	WG2504788
2,6-Dinitrotoluene	U		13.5	414	1	05/01/2025 23:28	WG2504788
Hexachlorobenzene	U		14.7	414	1	05/01/2025 23:28	WG2504788
Hexachloro-1,3-butadiene	U		13.9	414	1	05/01/2025 23:28	WG2504788
Hexachlorocyclopentadiene	U	C3	21.7	414	1	05/01/2025 23:28	WG2504788
Hexachloroethane	U		16.3	414	1	05/01/2025 23:28	WG2504788
Isophorone	U		12.7	414	1	05/01/2025 23:28	WG2504788
Nitrobenzene	U		14.4	414	1	05/01/2025 23:28	WG2504788
n-Nitrosodimethylamine	U		61.3	414	1	05/01/2025 23:28	WG2504788
n-Nitrosodiphenylamine	U		31.3	414	1	05/01/2025 23:28	WG2504788
n-Nitrosodi-n-propylamine	U		13.8	414	1	05/01/2025 23:28	WG2504788
Phenanthrene	U		8.21	41.4	1	05/01/2025 23:28	WG2504788
Benzylbutyl phthalate	U		12.9	414	1	05/01/2025 23:28	WG2504788
Bis(2-ethylhexyl)phthalate	U		52.4	414	1	05/01/2025 23:28	WG2504788
Di-n-butyl phthalate	U		14.2	414	1	05/01/2025 23:28	WG2504788
Diethyl phthalate	U		13.7	414	1	05/01/2025 23:28	WG2504788
Dimethyl phthalate	U		87.7	414	1	05/01/2025 23:28	WG2504788
Di-n-octyl phthalate	U		27.9	414	1	05/01/2025 23:28	WG2504788
1,2,4-Trichlorobenzene	U		12.9	414	1	05/01/2025 23:28	WG2504788
4-Chloro-3-methylphenol	U		13.4	414	1	05/01/2025 23:28	WG2504788
2-Chlorophenol	U		13.7	414	1	05/01/2025 23:28	WG2504788
2,4-Dichlorophenol	U		12.0	414	1	05/01/2025 23:28	WG2504788
2,4-Dimethylphenol	U	C3	10.8	414	1	05/01/2025 23:28	WG2504788
4,6-Dinitro-2-methylphenol	U		93.8	414	1	05/01/2025 23:28	WG2504788
2,4-Dinitrophenol	U		96.7	414	1	05/01/2025 23:28	WG2504788
2-Nitrophenol	U		14.8	414	1	05/01/2025 23:28	WG2504788
4-Nitrophenol	U		12.9	414	1	05/01/2025 23:28	WG2504788
Pentachlorophenol	U		11.1	414	1	05/01/2025 23:28	WG2504788
Phenol	U		16.6	414	1	05/01/2025 23:28	WG2504788
2,4,6-Trichlorophenol	U		13.3	414	1	05/01/2025 23:28	WG2504788
(S) 2-Fluorophenol	68.8			12.0-120		05/01/2025 23:28	WG2504788
(S) Phenol-d5	59.6			10.0-120		05/01/2025 23:28	WG2504788
(S) Nitrobenzene-d5	57.7			10.0-122		05/01/2025 23:28	WG2504788
(S) 2-Fluorobiphenyl	65.1			15.0-120		05/01/2025 23:28	WG2504788
(S) 2,4,6-Tribromophenol	70.2			10.0-127		05/01/2025 23:28	WG2504788
(S) p-Terphenyl-d14	69.1			10.0-120		05/01/2025 23:28	WG2504788

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

## Calculated Results

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	1810000		668	22000	1	05/02/2025 15:36	<a href="#">WG2504784</a>

## Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	93.4		1	05/01/2025 14:43	<a href="#">WG2504575</a>

## Wet Chemistry by Method 350.1

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	U		7700	10700	1	05/02/2025 00:47	<a href="#">WG2504846</a>

## Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	1790000		163000	214000	10	05/02/2025 15:36	<a href="#">WG2504844</a>

## Wet Chemistry by Method 9056A

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	18700	J	668	22000	1.03	05/01/2025 23:00	<a href="#">WG2504784</a>

## Wet Chemistry by Method WALKLEY-BLACK

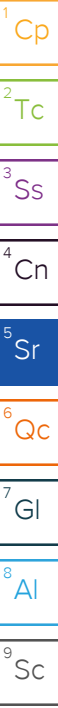
Analyte	Result ug/kg	Qualifier	MDL ug/kg	RDL ug/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	26900000		128000	500000	5	05/02/2025 17:34	<a href="#">WG2504836</a>

## Metals (ICP) by Method 6010D

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Aluminum	1640000		6510	21400	1	05/01/2025 22:57	<a href="#">WG2504883</a>
Antimony	U		740	2140	1	05/01/2025 22:57	<a href="#">WG2504883</a>
Beryllium	409		51.1	214	1	05/01/2025 22:57	<a href="#">WG2504883</a>
Calcium	11400000		20300	107000	1	05/01/2025 22:57	<a href="#">WG2504883</a>
Cobalt	2620		189	1070	1	05/01/2025 22:57	<a href="#">WG2504883</a>
Iron	1820000		2400	10700	1	05/01/2025 22:57	<a href="#">WG2504883</a>
Magnesium	1710000		21300	107000	1	05/01/2025 22:57	<a href="#">WG2504883</a>
Manganese	133000		185	1070	1	05/01/2025 22:57	<a href="#">WG2504883</a>
Potassium	1200000		22400	107000	1	05/01/2025 22:57	<a href="#">WG2504883</a>
Sodium	91900	J	44100	107000	1	05/01/2025 22:57	<a href="#">WG2504883</a>
Thallium	U		554	2140	1	05/01/2025 22:57	<a href="#">WG2504883</a>
Vanadium	7010		410	2140	1	05/01/2025 22:57	<a href="#">WG2504883</a>

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

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acetone	U	C3 J3	41.6	57.0	1	05/01/2025 19:58	<a href="#">WG2504732</a>
Acrylonitrile	U	J3 J4	4.12	14.3	1	05/01/2025 19:58	<a href="#">WG2504732</a>
Bromobenzene	U		1.03	14.3	1	05/01/2025 19:58	<a href="#">WG2504732</a>
Bromodichloromethane	U		0.827	2.85	1	05/01/2025 19:58	<a href="#">WG2504732</a>
Bromoform	U	J4	1.33	28.5	1	05/01/2025 19:58	<a href="#">WG2504732</a>
Bromomethane	U		2.25	14.3	1	05/01/2025 19:58	<a href="#">WG2504732</a>



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

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
n-Butylbenzene	U	<u>C3</u>	5.99	14.3	1	05/01/2025 19:58	WG2504732
sec-Butylbenzene	U		3.29	14.3	1	05/01/2025 19:58	WG2504732
tert-Butylbenzene	U		2.22	5.70	1	05/01/2025 19:58	WG2504732
Carbon tetrachloride	U		1.02	5.70	1	05/01/2025 19:58	WG2504732
Chlorobenzene	U		0.240	2.85	1	05/01/2025 19:58	WG2504732
Chlorodibromomethane	U		0.698	2.85	1	05/01/2025 19:58	WG2504732
Chloroethane	U		1.94	5.70	1	05/01/2025 19:58	WG2504732
Chloroform	U		1.17	2.85	1	05/01/2025 19:58	WG2504732
Chloromethane	U		4.96	14.3	1	05/01/2025 19:58	WG2504732
2-Chlorotoluene	U		0.987	2.85	1	05/01/2025 19:58	WG2504732
4-Chlorotoluene	U		0.513	5.70	1	05/01/2025 19:58	WG2504732
1,2-Dibromo-3-Chloropropane	U	<u>C3 J3</u>	4.45	28.5	1	05/01/2025 19:58	WG2504732
1,2-Dibromoethane	U		0.739	2.85	1	05/01/2025 19:58	WG2504732
Dibromomethane	U		0.856	5.70	1	05/01/2025 19:58	WG2504732
1,2-Dichlorobenzene	U		0.485	5.70	1	05/01/2025 19:58	WG2504732
1,3-Dichlorobenzene	U		0.684	5.70	1	05/01/2025 19:58	WG2504732
1,4-Dichlorobenzene	U		0.799	5.70	1	05/01/2025 19:58	WG2504732
Dichlorodifluoromethane	U		1.84	5.70	1	05/01/2025 19:58	WG2504732
1,1-Dichloroethane	U		0.560	2.85	1	05/01/2025 19:58	WG2504732
1,2-Dichloroethane	U		0.740	2.85	1	05/01/2025 19:58	WG2504732
1,1-Dichloroethene	U		0.691	2.85	1	05/01/2025 19:58	WG2504732
cis-1,2-Dichloroethene	U		0.837	2.85	1	05/01/2025 19:58	WG2504732
trans-1,2-Dichloroethene	U		1.19	5.70	1	05/01/2025 19:58	WG2504732
1,2-Dichloropropane	U		1.62	5.70	1	05/01/2025 19:58	WG2504732
1,1-Dichloropropene	U		0.923	2.85	1	05/01/2025 19:58	WG2504732
1,3-Dichloropropane	U		0.572	5.70	1	05/01/2025 19:58	WG2504732
cis-1,3-Dichloropropene	U		0.864	2.85	1	05/01/2025 19:58	WG2504732
trans-1,3-Dichloropropene	U		1.30	5.70	1	05/01/2025 19:58	WG2504732
2,2-Dichloropropane	U		1.57	2.85	1	05/01/2025 19:58	WG2504732
Di-isopropyl ether	U		0.468	1.14	1	05/01/2025 19:58	WG2504732
Hexachloro-1,3-butadiene	U	<u>C3</u>	6.84	28.5	1	05/01/2025 19:58	WG2504732
Isopropylbenzene	U		0.485	2.85	1	05/01/2025 19:58	WG2504732
p-Isopropyltoluene	U		2.91	5.70	1	05/01/2025 19:58	WG2504732
2-Butanone (MEK)	U	<u>C3 J3</u>	72.4	114	1	05/01/2025 19:58	WG2504732
Methylene Chloride	U		7.57	28.5	1	05/01/2025 19:58	WG2504732
4-Methyl-2-pentanone (MIBK)	U	<u>J3 J4</u>	2.60	28.5	1	05/01/2025 19:58	WG2504732
Methyl tert-butyl ether	U	<u>J3</u>	0.399	1.14	1	05/01/2025 19:58	WG2504732
n-Propylbenzene	U		1.08	5.70	1	05/01/2025 19:58	WG2504732
Styrene	U		0.261	14.3	1	05/01/2025 19:58	WG2504732
1,1,1,2-Tetrachloroethane	U		1.08	2.85	1	05/01/2025 19:58	WG2504732
1,1,2,2-Tetrachloroethane	U		0.793	2.85	1	05/01/2025 19:58	WG2504732
1,1,2-Trichlorotrifluoroethane	U		0.860	2.85	1	05/01/2025 19:58	WG2504732
Tetrachloroethene	U		1.02	2.85	1	05/01/2025 19:58	WG2504732
1,2,3-Trichlorobenzene	U	<u>C3 J4</u>	8.36	14.3	1	05/01/2025 19:58	WG2504732
1,2,4-Trichlorobenzene	U	<u>C3</u>	5.02	14.3	1	05/01/2025 19:58	WG2504732
1,1,1-Trichloroethane	U		1.05	2.85	1	05/01/2025 19:58	WG2504732
1,1,2-Trichloroethane	U		0.681	2.85	1	05/01/2025 19:58	WG2504732
Trichloroethene	U		0.666	1.14	1	05/01/2025 19:58	WG2504732
Trichlorofluoromethane	U		0.943	2.85	1	05/01/2025 19:58	WG2504732
1,2,3-Trichloropropane	U	<u>J3</u>	1.85	14.3	1	05/01/2025 19:58	WG2504732
1,2,3-Trimethylbenzene	U		1.80	5.70	1	05/01/2025 19:58	WG2504732
Vinyl chloride	U		1.32	2.85	1	05/01/2025 19:58	WG2504732
(S) Toluene-d8	100			75.0-131		05/01/2025 19:58	WG2504732
(S) 4-Bromofluorobenzene	103			67.0-138		05/01/2025 19:58	WG2504732
(S) 1,2-Dichloroethane-d4	97.1			70.0-130		05/01/2025 19:58	WG2504732

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result (dry) ug/kg	Qualifier	MDL (dry) ug/kg	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	U		10.0	71.3	2	05/02/2025 00:08	WG2504788
Benzidine	U	C7	134	3570	2	05/02/2025 00:08	WG2504788
Benzo(g,h,i)perylene	U		13.1	71.3	2	05/02/2025 00:08	WG2504788
Bis(2-chloroethoxy)methane	U		21.4	713	2	05/02/2025 00:08	WG2504788
Bis(2-chloroethyl)ether	U		23.5	713	2	05/02/2025 00:08	WG2504788
2,2-Oxybis(1-Chloropropane)	U		30.8	713	2	05/02/2025 00:08	WG2504788
4-Bromophenyl-phenylether	U		25.0	713	2	05/02/2025 00:08	WG2504788
2-Chloronaphthalene	U		12.5	71.3	2	05/02/2025 00:08	WG2504788
4-Chlorophenyl-phenylether	U		24.8	713	2	05/02/2025 00:08	WG2504788
1,2-Dichlorobenzene	U		21.1	713	2	05/02/2025 00:08	WG2504788
1,3-Dichlorobenzene	U		21.6	713	2	05/02/2025 00:08	WG2504788
1,4-Dichlorobenzene	U		21.2	713	2	05/02/2025 00:08	WG2504788
3,3-Dichlorobenzidine	U		26.3	713	2	05/02/2025 00:08	WG2504788
2,4-Dinitrotoluene	U		20.4	713	2	05/02/2025 00:08	WG2504788
2,6-Dinitrotoluene	U		23.3	713	2	05/02/2025 00:08	WG2504788
Hexachlorobenzene	U		25.3	713	2	05/02/2025 00:08	WG2504788
Hexachloro-1,3-butadiene	U		24.0	713	2	05/02/2025 00:08	WG2504788
Hexachlorocyclopentadiene	U	C3	37.5	713	2	05/02/2025 00:08	WG2504788
Hexachloroethane	U		28.0	713	2	05/02/2025 00:08	WG2504788
Isophorone	U		21.8	713	2	05/02/2025 00:08	WG2504788
Nitrobenzene	U		24.8	713	2	05/02/2025 00:08	WG2504788
n-Nitrosodimethylamine	U		106	713	2	05/02/2025 00:08	WG2504788
n-Nitrosodiphenylamine	U		53.9	713	2	05/02/2025 00:08	WG2504788
n-Nitrosodi-n-propylamine	U		23.8	713	2	05/02/2025 00:08	WG2504788
Phenanthrene	U		14.1	71.3	2	05/02/2025 00:08	WG2504788
Benzylbutyl phthalate	U		22.3	713	2	05/02/2025 00:08	WG2504788
Bis(2-ethylhexyl)phthalate	U		90.3	713	2	05/02/2025 00:08	WG2504788
Di-n-butyl phthalate	U		24.4	713	2	05/02/2025 00:08	WG2504788
Diethyl phthalate	U		23.5	713	2	05/02/2025 00:08	WG2504788
Dimethyl phthalate	U		151	713	2	05/02/2025 00:08	WG2504788
Di-n-octyl phthalate	U		48.2	713	2	05/02/2025 00:08	WG2504788
1,2,4-Trichlorobenzene	U		22.3	713	2	05/02/2025 00:08	WG2504788
4-Chloro-3-methylphenol	U		23.1	713	2	05/02/2025 00:08	WG2504788
2-Chlorophenol	U		23.5	713	2	05/02/2025 00:08	WG2504788
2,4-Dichlorophenol	U		20.8	713	2	05/02/2025 00:08	WG2504788
2,4-Dimethylphenol	U	C3	18.6	713	2	05/02/2025 00:08	WG2504788
4,6-Dinitro-2-methylphenol	U		162	713	2	05/02/2025 00:08	WG2504788
2,4-Dinitrophenol	U		167	713	2	05/02/2025 00:08	WG2504788
2-Nitrophenol	U		25.5	713	2	05/02/2025 00:08	WG2504788
4-Nitrophenol	U		22.3	713	2	05/02/2025 00:08	WG2504788
Pentachlorophenol	U		19.2	713	2	05/02/2025 00:08	WG2504788
Phenol	U		28.7	713	2	05/02/2025 00:08	WG2504788
2,4,6-Trichlorophenol	U		22.9	713	2	05/02/2025 00:08	WG2504788
(S) 2-Fluorophenol	71.7			12.0-120		05/02/2025 00:08	WG2504788
(S) Phenol-d5	62.9			10.0-120		05/02/2025 00:08	WG2504788
(S) Nitrobenzene-d5	50.5			10.0-122		05/02/2025 00:08	WG2504788
(S) 2-Fluorobiphenyl	61.3			15.0-120		05/02/2025 00:08	WG2504788
(S) 2,4,6-Tribromophenol	67.2			10.0-127		05/02/2025 00:08	WG2504788
(S) p-Terphenyl-d14	67.7			10.0-120		05/02/2025 00:08	WG2504788

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

## Sample Narrative:

L1853792-04 WG2504788: Dilution due to matrix impact during extract concentration procedure.

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	<u>C3</u>	11.3	50.0	1	05/01/2025 18:32	<a href="#">WG2504740</a>
Acrolein	U		2.54	50.0	1	05/01/2025 18:32	<a href="#">WG2504740</a>
Acrylonitrile	U		0.671	10.0	1	05/01/2025 18:32	<a href="#">WG2504740</a>
Benzene	U		0.0941	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
Bromobenzene	U		0.118	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
Bromodichloromethane	U		0.136	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
Bromoform	U		0.129	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
Bromomethane	U		0.605	5.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
n-Butylbenzene	U		0.157	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
sec-Butylbenzene	U		0.125	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
tert-Butylbenzene	U		0.127	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
Carbon tetrachloride	U		0.128	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
Chlorobenzene	U		0.116	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
Chlorodibromomethane	U		0.140	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
Chloroethane	U		0.192	5.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
Chloroform	U		0.111	5.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
Chloromethane	U		0.960	2.50	1	05/01/2025 18:32	<a href="#">WG2504740</a>
2-Chlorotoluene	U		0.106	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
4-Chlorotoluene	U		0.114	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
1,2-Dibromoethane	U		0.126	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
Dibromomethane	U		0.122	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
1,2-Dichlorobenzene	U		0.107	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
1,3-Dichlorobenzene	U		0.110	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
1,4-Dichlorobenzene	U		0.120	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
Dichlorodifluoromethane	U	<u>J4</u>	0.374	5.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
1,1-Dichloroethane	U		0.100	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
1,2-Dichloroethane	U	<u>J3 J4</u>	0.0819	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
1,1-Dichloroethene	U		0.188	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
cis-1,2-Dichloroethene	U		0.126	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
trans-1,2-Dichloroethene	U		0.149	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
1,2-Dichloropropane	U		0.149	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
1,1-Dichloropropene	U		0.142	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
1,3-Dichloropropane	U		0.110	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
2,2-Dichloropropane	U	<u>C3 J3</u>	0.161	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
Di-isopropyl ether	U		0.105	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
Ethylbenzene	U		0.137	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
Hexachloro-1,3-butadiene	U		0.337	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
Isopropylbenzene	U		0.105	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
p-Isopropyltoluene	U		0.120	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
2-Butanone (MEK)	U		1.19	10.0	1	05/01/2025 18:32	<a href="#">WG2504740</a>
Methylene Chloride	U		0.430	5.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/01/2025 18:32	<a href="#">WG2504740</a>
Methyl tert-butyl ether	U		0.101	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
Naphthalene	U	<u>C3</u>	1.00	5.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
n-Propylbenzene	U		0.0993	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
Styrene	U		0.118	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
Tetrachloroethene	U		0.300	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
Toluene	U		0.278	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
1,2,3-Trichlorobenzene	U		0.230	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
1,2,4-Trichlorobenzene	U		0.481	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</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	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	U		0.149	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
1,1,2-Trichloroethane	U		0.158	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
Trichloroethene	U		0.190	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
Trichlorofluoromethane	U	<u>C3</u>	0.160	5.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
1,2,3-Trichloropropane	U		0.237	2.50	1	05/01/2025 18:32	<a href="#">WG2504740</a>
1,2,4-Trimethylbenzene	U		0.322	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
1,2,3-Trimethylbenzene	U		0.104	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
1,3,5-Trimethylbenzene	U		0.104	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
Vinyl chloride	U		0.234	1.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
Xylenes, Total	U		0.174	3.00	1	05/01/2025 18:32	<a href="#">WG2504740</a>
(S) Toluene-d8	103			80.0-120		05/01/2025 18:32	<a href="#">WG2504740</a>
(S) 4-Bromofluorobenzene	98.3			77.0-126		05/01/2025 18:32	<a href="#">WG2504740</a>
(S) 1,2-Dichloroethane-d4	96.8			70.0-130		05/01/2025 18:32	<a href="#">WG2504740</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4208637-1 05/01/25 14:24

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

1 Cp

2 Tc

3 Ss

L1853779-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1853779-03 05/01/25 14:24 • (DUP) R4208637-3 05/01/25 14:24

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	%	%		%		%
Total Solids	77.6	77.2	1	0.472		10

4 Cn

5 Sr

Laboratory Control Sample (LCS)

(LCS) R4208637-2 05/01/25 14:24

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

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4208638-1 05/01/25 14:43

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

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

L1853784-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1853784-01 05/01/25 14:43 • (DUP) R4208638-3 05/01/25 14:43

Analyte	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
	%	%		%		%
Total Solids	96.0	95.8	1	0.226		10

<sup>4</sup>Cn

<sup>5</sup>Sr

Laboratory Control Sample (LCS)

(LCS) R4208638-2 05/01/25 14:43

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

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Method Blank (MB)

(MB) R4208607-1 05/02/25 00:02

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

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

L1853779-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1853779-01 05/02/25 00:05 • (DUP) R4208607-3 05/02/25 00:07

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

L1853779-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1853779-02 05/02/25 00:08 • (DUP) R4208607-4 05/02/25 00:10

Analyte	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Ammonia Nitrogen	8080	7950	1	1.62	↓	20

Laboratory Control Sample (LCS)

(LCS) R4208607-2 05/02/25 00:04

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Ammonia Nitrogen	250000	274000	110	90.0-110	

L1853779-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1853779-03 05/02/25 00:11 • (MS) R4208607-5 05/02/25 00:13 • (MSD) R4208607-6 05/02/25 00:14

Analyte	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Ammonia Nitrogen	322000	U	321000	319000	99.6	98.9	1	90.0-110			0.653	20

Method Blank (MB)

(MB) R4209110-1 05/02/25 14:59

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

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

L1853779-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1853779-02 05/02/25 15:04 • (DUP) R4209110-4 05/02/25 15:06

Analyte	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Kjeldahl Nitrogen, TKN	2400000	2470000	10	2.97		20

L1853782-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1853782-01 05/02/25 15:11 • (DUP) R4209110-7 05/02/25 15:15

Analyte	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Kjeldahl Nitrogen, TKN	1970000	1980000	10	0.610		20

Laboratory Control Sample (LCS)

(LCS) R4209110-2 05/02/25 15:01

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Kjeldahl Nitrogen, TKN	480000	480000	100	81.7-124	

L1853779-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1853779-01 05/02/25 15:02 • (MS) R4209110-3 05/02/25 15:03

Analyte	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Kjeldahl Nitrogen, TKN	433000	2120000	2530000	95.0	10	81.7-124	

L1853779-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1853779-03 05/02/25 15:07 • (MS) R4209110-5 05/02/25 15:08 • (MSD) R4209110-6 05/02/25 15:09

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	516000	2400000	2420000	2270000	4.00	0.000	10	81.7-124	<u>V</u>	<u>V</u>	6.38	20

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4208627-1 05/01/25 19:24

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

1 Cp

2 Tc

3 Ss

Laboratory Control Sample (LCS)

(LCS) R4208627-2 05/01/25 19:38

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Nitrate-Nitrite	40000	39300	98.3	80.0-120	

4 Cn

5 Sr

L1853786-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1853786-01 05/01/25 20:58 • (MS) R4208627-3 05/02/25 00:07 • (MSD) R4208627-4 05/02/25 00:21

Analyte	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Nitrate-Nitrite	46600	68900	117000	113000	104	95.0	1	80.0-120			3.73	15

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4209114-1 05/02/25 17:22

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

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

L1853784-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1853784-02 05/02/25 17:26 • (DUP) R4209114-5 05/02/25 17:27

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
TOC By Walkley Black	5240000	5680000	5	7.97		20

L1853792-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1853792-04 05/02/25 17:34 • (DUP) R4209114-8 05/02/25 17:35

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
TOC By Walkley Black	26900000	25100000	5	6.95		20

Laboratory Control Sample (LCS)

(LCS) R4209114-2 05/02/25 17:22

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
TOC By Walkley Black	3230000	4260000	132	75.0-144	

L1853779-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1853779-03 05/02/25 17:23 • (MS) R4209114-3 05/02/25 17:24 • (MSD) R4209114-4 05/02/25 17:24

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
TOC By Walkley Black	32000000	29900000	62000000	68800000	100	108	8	80.0-120			10.4	20

L1853786-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1853786-01 05/02/25 17:31 • (MS) R4209114-6 05/02/25 17:31 • (MSD) R4209114-7 05/02/25 17:32

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
TOC By Walkley Black	40000000	35600000	73100000	64900000	93.6	81.3	10	80.0-120			11.9	20

Method Blank (MB)

(MB) R4208623-1 05/01/25 22:03

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) R4208623-2 05/01/25 22:04

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aluminum	1000000	1010000	101	80.0-120	
Antimony	100000	104000	104	80.0-120	
Beryllium	100000	111000	111	80.0-120	
Calcium	1000000	1060000	106	80.0-120	
Cobalt	100000	104000	104	80.0-120	
Iron	1000000	1090000	109	80.0-120	
Magnesium	1000000	1060000	106	80.0-120	
Manganese	100000	112000	112	80.0-120	
Potassium	1000000	1070000	107	80.0-120	
Sodium	1000000	1080000	108	80.0-120	
Thallium	100000	109000	109	80.0-120	
Vanadium	100000	108000	108	80.0-120	

L1853786-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1853786-01 05/01/25 22:06 • (MS) R4208623-5 05/01/25 22:12 • (MSD) R4208623-6 05/01/25 22:14

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	1170000	3140000	4790000	3830000	141	58.9	1	75.0-125	J5	J3 J6	22.3	20
Antimony	117000	U	87900	92000	75.4	78.9	1	75.0-125			4.49	20

L1853786-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1853786-01 05/01/25 22:06 • (MS) R4208623-5 05/01/25 22:12 • (MSD) R4208623-6 05/01/25 22:14

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Beryllium	117000	561	112000	116000	95.4	98.6	1	75.0-125			3.31	20
Calcium	1170000	8720000	9570000	9640000	73.3	78.8	1	75.0-125	V		0.672	20
Cobalt	117000	4670	112000	114000	92.5	94.2	1	75.0-125			1.73	20
Iron	1170000	3860000	4700000	4110000	71.8	21.4	1	75.0-125	J6	J6	13.3	20
Magnesium	1170000	2250000	3620000	3130000	117	75.5	1	75.0-125			14.5	20
Manganese	117000	306000	296000	290000	0.000	0.000	1	75.0-125	J6	J6	2.18	20
Potassium	1170000	2390000	3510000	3270000	95.9	75.5	1	75.0-125			7.00	20
Sodium	1170000	225000	1320000	1330000	93.8	95.1	1	75.0-125			1.11	20
Thallium	117000	U	110000	113000	93.9	97.0	1	75.0-125			3.20	20
Vanadium	117000	14700	119000	122000	89.5	92.0	1	75.0-125			2.39	20

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4208652-3 05/01/25 15:50

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) R4208652-3 05/01/25 15:50

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/kg		ug/kg	ug/kg
Methylene Chloride	U		6.64	25.0
4-Methyl-2-pentanone (MIBK)	U		2.28	25.0
Methyl tert-butyl ether	U		0.350	1.00
n-Propylbenzene	U		0.950	5.00
Styrene	U		0.229	12.5
1,1,1,2-Tetrachloroethane	U		0.948	2.50
1,1,2,2-Tetrachloroethane	U		0.695	2.50
1,1,2-Trichlorotrifluoroethane	U		0.754	2.50
Tetrachloroethene	U		0.896	2.50
1,2,3-Trichlorobenzene	U		7.33	12.5
1,2,4-Trichlorobenzene	U		4.40	12.5
1,1,1-Trichloroethane	U		0.923	2.50
1,1,2-Trichloroethane	U		0.597	2.50
Trichloroethene	U		0.584	1.00
Trichlorofluoromethane	U		0.827	2.50
1,2,3-Trichloropropane	U		1.62	12.5
1,2,3-Trimethylbenzene	U		1.58	5.00
Vinyl chloride	U		1.16	2.50
(S) Toluene-d8	101			75.0-131
(S) 4-Bromofluorobenzene	103			67.0-138
(S) 1,2-Dichloroethane-d4	98.2			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) R4208652-1 05/01/25 13:30 • (LCSD) R4208652-2 05/01/25 14:32

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/kg	ug/kg	ug/kg	%	%	%			%	%
Acetone	625	384	843	61.4	135	10.0-160		J3	74.8	31
Acrylonitrile	625	747	1020	120	163	45.0-153		J3 J4	30.9	22
Bromobenzene	125	135	123	108	98.4	73.0-121			9.30	20
Bromodichloromethane	125	129	129	103	103	73.0-121			0.000	20
Bromoform	125	149	167	119	134	64.0-132		J4	11.4	20
Bromomethane	125	112	114	89.6	91.2	56.0-147			1.77	20
n-Butylbenzene	125	94.6	94.1	75.7	75.3	68.0-135			0.530	20
sec-Butylbenzene	125	114	106	91.2	84.8	74.0-130			7.27	20
tert-Butylbenzene	125	114	107	91.2	85.6	75.0-127			6.33	20
Carbon tetrachloride	125	124	134	99.2	107	66.0-128			7.75	20
Chlorobenzene	125	135	134	108	107	76.0-128			0.743	20
Chlorodibromomethane	125	147	150	118	120	74.0-127			2.02	20

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

(LCS) R4208652-1 05/01/25 13:30 • (LCSD) R4208652-2 05/01/25 14:32

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCSD Result ug/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Chloroethane	125	125	115	100	92.0	61.0-134			8.33	20
Chloroform	125	115	117	92.0	93.6	72.0-123			1.72	20
Chloromethane	125	113	116	90.4	92.8	51.0-138			2.62	20
2-Chlorotoluene	125	127	130	102	104	75.0-124			2.33	20
4-Chlorotoluene	125	117	111	93.6	88.8	75.0-124			5.26	20
1,2-Dibromo-3-Chloropropane	125	95.6	133	76.5	106	59.0-130		J3	32.7	20
1,2-Dibromoethane	125	135	144	108	115	74.0-128			6.45	20
Dibromomethane	125	132	140	106	112	75.0-122			5.88	20
1,2-Dichlorobenzene	125	137	135	110	108	76.0-124			1.47	20
1,3-Dichlorobenzene	125	124	120	99.2	96.0	76.0-125			3.28	20
1,4-Dichlorobenzene	125	130	124	104	99.2	77.0-121			4.72	20
Dichlorodifluoromethane	125	120	116	96.0	92.8	43.0-156			3.39	20
1,1-Dichloroethane	125	135	135	108	108	70.0-127			0.000	20
1,2-Dichloroethane	125	117	124	93.6	99.2	65.0-131			5.81	20
1,1-Dichloroethene	125	112	113	89.6	90.4	65.0-131			0.889	20
cis-1,2-Dichloroethene	125	141	143	113	114	73.0-125			1.41	20
trans-1,2-Dichloroethene	125	138	136	110	109	71.0-125			1.46	20
1,2-Dichloropropane	125	135	138	108	110	74.0-125			2.20	20
1,1-Dichloropropene	125	115	114	92.0	91.2	73.0-125			0.873	20
1,3-Dichloropropane	125	135	137	108	110	80.0-125			1.47	20
cis-1,3-Dichloropropene	125	126	127	101	102	76.0-127			0.791	20
trans-1,3-Dichloropropene	125	123	124	98.4	99.2	73.0-127			0.810	20
2,2-Dichloropropane	125	111	124	88.8	99.2	59.0-135			11.1	20
Di-isopropyl ether	125	126	142	101	114	60.0-136			11.9	20
Hexachloro-1,3-butadiene	125	78.6	72.7	62.9	58.2	57.0-150			7.80	20
Isopropylbenzene	125	122	125	97.6	100	72.0-127			2.43	20
p-Isopropyltoluene	125	111	107	88.8	85.6	72.0-133			3.67	20
2-Butanone (MEK)	625	461	934	73.8	149	30.0-160		J3	67.8	24
Methylene Chloride	125	131	135	105	108	68.0-123			3.01	20
4-Methyl-2-pentanone (MIBK)	625	634	914	101	146	56.0-143		J3 J4	36.2	20
Methyl tert-butyl ether	125	120	154	96.0	123	66.0-132		J3	24.8	20
n-Propylbenzene	125	120	113	96.0	90.4	74.0-126			6.01	20
Styrene	125	132	132	106	106	72.0-127			0.000	20
1,1,1,2-Tetrachloroethane	125	144	157	115	126	74.0-129			8.64	20
1,1,2,2-Tetrachloroethane	125	128	150	102	120	68.0-128			15.8	20
1,1,2-Trichlorotrifluoroethane	125	122	120	97.6	96.0	61.0-139			1.65	20
Tetrachloroethene	125	125	121	100	96.8	70.0-136			3.25	20
1,2,3-Trichlorobenzene	125	78.5	73.1	62.8	58.5	59.0-139		J4	7.12	20
1,2,4-Trichlorobenzene	125	82.1	80.4	65.7	64.3	62.0-137			2.09	20
1,1,1-Trichloroethane	125	122	130	97.6	104	69.0-126			6.35	20

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

(LCS) R4208652-1 05/01/25 13:30 • (LCSD) R4208652-2 05/01/25 14:32

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-Trichloroethane	125	142	149	114	119	78.0-123			4.81	20
Trichloroethene	125	129	124	103	99.2	76.0-126			3.95	20
Trichlorofluoromethane	125	120	124	96.0	99.2	61.0-142			3.28	20
1,2,3-Trichloropropane	125	129	158	103	126	67.0-129		J3	20.2	20
1,2,3-Trimethylbenzene	125	114	109	91.2	87.2	74.0-124			4.48	20
Vinyl chloride	125	120	118	96.0	94.4	63.0-134			1.68	20
(S) Toluene-d8				101	101	75.0-131				
(S) 4-Bromofluorobenzene				99.4	103	67.0-138				
(S) 1,2-Dichloroethane-d4				92.9	98.4	70.0-130				

L1853779-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1853779-03 05/01/25 17:03 • (MS) R4208652-4 05/01/25 20:37 • (MSD) R4208652-5 05/01/25 20:56

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	987	U	549	1320	55.7	134	1	10.0-160		J3	82.4	40
Acrylonitrile	987	U	1200	1510	121	153	1	10.0-160			23.1	40
Bromobenzene	197	U	119	112	60.3	56.9	1	10.0-156			5.87	38
Bromodichloromethane	197	U	112	110	56.6	55.6	1	10.0-143			1.85	37
Bromoform	197	U	167	174	84.8	88.0	1	10.0-146			3.70	36
Bromomethane	197	U	61.4	40.1	31.1	20.3	1	10.0-149		J3	42.0	38
n-Butylbenzene	197	U	83.7	75.0	42.4	38.0	1	10.0-160			10.9	40
sec-Butylbenzene	197	U	89.2	72.3	45.2	36.6	1	10.0-159			20.9	39
tert-Butylbenzene	197	U	91.4	74.4	46.3	37.7	1	10.0-156			20.6	39
Carbon tetrachloride	197	U	79.4	70.6	40.2	35.8	1	10.0-145			11.8	37
Chlorobenzene	197	U	117	113	59.1	57.4	1	10.0-152			2.88	39
Chlorodibromomethane	197	U	140	137	71.1	69.2	1	10.0-146			2.74	37
Chloroethane	197	U	55.9	28.3	28.3	14.3	1	10.0-146		J3	65.7	40
Chloroform	197	U	82.9	89.0	42.0	45.1	1	10.0-146			7.16	37
Chloromethane	197	U	66.6	65.0	33.8	33.0	1	10.0-159			2.40	37
2-Chlorotoluene	197	U	106	99.0	53.8	50.2	1	10.0-159			6.93	38
4-Chlorotoluene	197	U	95.0	88.6	48.2	44.9	1	10.0-155			7.05	39
1,2-Dibromo-3-Chloropropane	197	U	141	156	71.4	78.9	1	10.0-151			10.0	39
1,2-Dibromoethane	197	U	154	156	77.9	79.3	1	10.0-148			1.73	34
Dibromomethane	197	U	135	152	68.3	77.0	1	10.0-147			12.0	35
1,2-Dichlorobenzene	197	U	139	139	70.3	70.4	1	10.0-155			0.114	37
1,3-Dichlorobenzene	197	U	109	109	55.0	55.0	1	10.0-153			0.000	38
1,4-Dichlorobenzene	197	U	117	117	59.4	59.4	1	10.0-151			0.000	38
Dichlorodifluoromethane	197	U	73.1	59.8	37.0	30.3	1	10.0-160			20.0	35

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1853779-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1853779-03 05/01/25 17:03 • (MS) R4208652-4 05/01/25 20:37 • (MSD) R4208652-5 05/01/25 20:56

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) ug/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
1,1-Dichloroethane	197	U	91.4	93.5	46.3	47.4	1	10.0-147			2.22	37
1,2-Dichloroethane	197	U	120	124	60.6	63.0	1	10.0-148			3.89	35
1,1-Dichloroethene	197	U	62.2	54.0	31.5	27.4	1	10.0-155			14.1	37
cis-1,2-Dichloroethene	197	U	102	111	51.5	56.2	1	10.0-149			8.76	37
trans-1,2-Dichloroethene	197	U	77.0	78.0	39.0	39.5	1	10.0-150			1.22	37
1,2-Dichloropropane	197	U	120	118	61.0	60.0	1	10.0-148			1.72	37
1,1-Dichloropropene	197	U	68.4	62.2	34.6	31.5	1	10.0-153			9.43	35
1,3-Dichloropropane	197	U	145	150	73.6	76.2	1	10.0-154			3.52	35
cis-1,3-Dichloropropene	197	U	113	113	57.4	57.0	1	10.0-151			0.559	37
trans-1,3-Dichloropropene	197	U	118	121	59.8	61.3	1	10.0-148			2.38	37
2,2-Dichloropropane	197	U	60.3	61.7	30.6	31.3	1	10.0-138			2.33	36
Di-isopropyl ether	197	U	121	127	61.5	64.5	1	10.0-147			4.70	36
Hexachloro-1,3-butadiene	197	U	85.4	102	43.3	51.7	1	10.0-160			17.7	40
Isopropylbenzene	197	U	96.3	88.7	48.8	45.0	1	10.0-155			8.19	38
p-Isopropyltoluene	197	U	91.9	78.8	46.6	39.9	1	10.0-160			15.4	40
2-Butanone (MEK)	987	U	911	1310	92.3	133	1	10.0-160			35.8	40
Methylene Chloride	197	U	111	87.5	56.2	44.3	1	10.0-141			23.7	37
4-Methyl-2-pentanone (MIBK)	987	U	1000	1140	101	116	1	10.0-160			13.3	35
Methyl tert-butyl ether	197	U	143	166	72.2	84.0	1	11.0-147			15.1	35
n-Propylbenzene	197	U	89.5	74.0	45.4	37.5	1	10.0-158			18.9	38
Styrene	197	U	119	117	60.5	59.0	1	10.0-160			2.41	40
1,1,1,2-Tetrachloroethane	197	U	133	130	67.4	65.7	1	10.0-149			2.64	39
1,1,2,2-Tetrachloroethane	197	U	145	120	73.4	60.7	1	10.0-160			19.0	35
1,1,2-Trichlorotrifluoroethane	197	U	74.2	59.0	37.6	29.9	1	10.0-160			22.7	36
Tetrachloroethene	197	U	85.4	76.1	43.3	38.6	1	10.0-156			11.5	39
1,2,3-Trichlorobenzene	197	U	110	134	55.8	67.7	1	10.0-160			19.2	40
1,2,4-Trichlorobenzene	197	U	99.0	126	50.2	63.7	1	10.0-160			23.8	40
1,1,1-Trichloroethane	197	U	81.6	77.5	41.4	39.3	1	10.0-144			5.16	35
1,1,2-Trichloroethane	197	U	161	164	81.6	83.2	1	10.0-160			1.94	35
Trichloroethene	197	U	97.4	111	49.4	56.0	1	10.0-156			12.6	38
Trichlorofluoromethane	197	U	52.9	19.1	26.8	9.68	1	10.0-160	J3 J6		93.9	40
1,2,3-Trichloropropane	197	U	175	172	88.8	87.2	1	10.0-156			1.82	35
1,2,3-Trimethylbenzene	197	U	101	97.3	51.0	49.3	1	10.0-160			3.35	36
Vinyl chloride	197	U	71.8	64.3	36.4	32.6	1	10.0-160			11.1	37
(S) Toluene-d8					101	101		75.0-131				
(S) 4-Bromofluorobenzene					103	107		67.0-138				
(S) 1,2-Dichloroethane-d4					93.6	97.2		70.0-130				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1853786-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1853786-01 05/01/25 18:21 • (MS) R4208652-6 05/01/25 21:15 • (MSD) R4208652-7 05/01/25 21:35

Analyte	Spike Amount (dry) ug/kg	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	832	U	420	950	50.4	114	1	10.0-160		J3	77.4	40
Acrylonitrile	832	U	1240	1280	148	154	1	10.0-160			3.70	40
Bromobenzene	166	U	152	100	91.2	60.2	1	10.0-156		J3	40.9	38
Bromodichloromethane	166	U	156	98.6	93.6	59.2	1	10.0-143		J3	45.0	37
Bromoform	166	U	189	145	114	87.2	1	10.0-146			26.3	36
Bromomethane	166	U	94.3	48.1	56.6	28.9	1	10.0-149		J3	64.9	38
n-Butylbenzene	166	U	121	87.9	72.9	52.8	1	10.0-160			32.0	40
sec-Butylbenzene	166	U	137	89.1	82.4	53.5	1	10.0-159		J3	42.5	39
tert-Butylbenzene	166	U	139	86.2	83.2	51.8	1	10.0-156		J3	46.6	39
Carbon tetrachloride	166	U	157	82.6	94.4	49.6	1	10.0-145		J3	62.2	37
Chlorobenzene	166	U	166	103	100	61.9	1	10.0-152		J3	47.0	39
Chlorodibromomethane	166	U	169	121	102	72.7	1	10.0-146			33.1	37
Chloroethane	166	U	91.6	35.8	55.0	21.5	1	10.0-146		J3	87.6	40
Chloroform	166	U	141	85.1	84.8	51.1	1	10.0-146		J3	49.6	37
Chloromethane	166	U	123	62.6	74.0	37.6	1	10.0-159		J3	65.2	37
2-Chlorotoluene	166	U	159	98.4	95.2	59.1	1	10.0-159		J3	46.8	38
4-Chlorotoluene	166	U	139	85.9	83.2	51.6	1	10.0-155		J3	46.9	39
1,2-Dibromo-3-Chloropropane	166	U	157	136	94.4	81.6	1	10.0-151			14.5	39
1,2-Dibromoethane	166	U	170	130	102	78.1	1	10.0-148			27.0	34
Dibromomethane	166	U	160	126	96.0	75.6	1	10.0-147			23.8	35
1,2-Dichlorobenzene	166	U	177	129	106	77.4	1	10.0-155			31.6	37
1,3-Dichlorobenzene	166	U	160	104	96.0	62.3	1	10.0-153		J3	42.5	38
1,4-Dichlorobenzene	166	U	161	107	96.8	64.5	1	10.0-151		J3	40.1	38
Dichlorodifluoromethane	166	U	140	71.9	84.0	43.2	1	10.0-160		J3	64.2	35
1,1-Dichloroethane	166	U	163	94.0	97.6	56.5	1	10.0-147		J3	53.4	37
1,2-Dichloroethane	166	U	145	106	87.2	63.6	1	10.0-148			31.3	35
1,1-Dichloroethene	166	U	124	63.0	74.6	37.8	1	10.0-155		J3	65.3	37
cis-1,2-Dichloroethene	166	U	164	106	98.4	63.9	1	10.0-149		J3	42.5	37
trans-1,2-Dichloroethene	166	U	152	82.6	91.2	49.6	1	10.0-150		J3	59.1	37
1,2-Dichloropropane	166	U	170	110	102	66.0	1	10.0-148		J3	43.2	37
1,1-Dichloropropene	166	U	133	70.7	79.8	42.5	1	10.0-153		J3	61.1	35
1,3-Dichloropropane	166	U	168	124	101	74.2	1	10.0-154			30.3	35
cis-1,3-Dichloropropene	166	U	152	102	91.2	61.1	1	10.0-151		J3	39.5	37
trans-1,3-Dichloropropene	166	U	148	98.2	88.8	59.0	1	10.0-148		J3	40.4	37
2,2-Dichloropropane	166	U	119	64.1	71.8	38.5	1	10.0-138		J3	60.4	36
Di-isopropyl ether	166	U	169	115	102	69.2	1	10.0-147		J3	37.9	36
Hexachloro-1,3-butadiene	166	U	117	116	70.3	69.7	1	10.0-160			0.914	40
Isopropylbenzene	166	U	156	97.0	93.6	58.2	1	10.0-155		J3	46.6	38
p-Isopropyltoluene	166	U	139	94.0	83.2	56.5	1	10.0-160			38.3	40

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1853786-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1853786-01 05/01/25 18:21 • (MS) R4208652-6 05/01/25 21:15 • (MSD) R4208652-7 05/01/25 21:35

Analyte	Spike Amount (dry) ug/kg	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
2-Butanone (MEK)	832	U	852	1010	102	121	1	10.0-160			16.5	40
Methylene Chloride	166	U	155	97.6	92.8	58.6	1	10.0-141		J3	45.1	37
4-Methyl-2-pentanone (MIBK)	832	U	1010	915	122	110	1	10.0-160			10.1	35
Methyl tert-butyl ether	166	U	180	143	108	85.6	1	11.0-147			23.1	35
n-Propylbenzene	166	U	141	85.5	84.8	51.4	1	10.0-158		J3	49.1	38
Styrene	166	U	165	110	99.2	66.1	1	10.0-160		J3	40.1	40
1,1,1,2-Tetrachloroethane	166	U	189	119	114	71.5	1	10.0-149		J3	45.5	39
1,1,2,2-Tetrachloroethane	166	U	161	120	96.8	71.8	1	10.0-160			29.6	35
1,1,2-Trichlorotrifluoroethane	166	U	151	71.9	90.4	43.2	1	10.0-160		J3	70.7	36
Tetrachloroethene	166	U	149	84.4	89.6	50.7	1	10.0-156		J3	55.4	39
1,2,3-Trichlorobenzene	166	U	139	127	83.2	76.2	1	10.0-160			8.73	40
1,2,4-Trichlorobenzene	166	U	129	120	77.4	72.2	1	10.0-160			6.95	40
1,1,1-Trichloroethane	166	U	159	64.3	95.2	38.6	1	10.0-144		J3	84.5	35
1,1,2-Trichloroethane	166	U	178	136	107	81.6	1	10.0-160			27.1	35
Trichloroethene	166	U	159	93.8	95.2	56.3	1	10.0-156		J3	51.3	38
Trichlorofluoromethane	166	U	108	36.1	64.7	21.7	1	10.0-160		J3	99.6	40
1,2,3-Trichloropropane	166	U	173	147	104	88.0	1	10.0-156			16.7	35
1,2,3-Trimethylbenzene	166	U	139	92.8	83.2	55.8	1	10.0-160		J3	39.5	36
Vinyl chloride	166	U	131	67.5	78.6	40.6	1	10.0-160		J3	63.8	37
(S) Toluene-d8					101	100		75.0-131				
(S) 4-Bromofluorobenzene					102	105		67.0-138				
(S) 1,2-Dichloroethane-d4					95.3	96.6		70.0-130				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4208606-2 05/01/25 15:11

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

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Method Blank (MB)

(MB) R4208606-2 05/01/25 15:11

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	99.5			77.0-126
(S) 1,2-Dichloroethane-d4	93.9			70.0-130

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

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

(LCS) R4208606-1 05/01/25 14:00 • (LCSD) R4208606-3 05/01/25 15:35

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	19.2	20.8	76.8	83.2	19.0-160	J	J	8.00	27
Acrolein	25.0	21.3	22.2	85.2	88.8	10.0-160	J	J	4.14	26
Acrylonitrile	25.0	31.4	30.5	126	122	55.0-149			2.91	20
Benzene	5.00	5.49	5.43	110	109	70.0-123			1.10	20

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

(LCS) R4208606-1 05/01/25 14:00 • (LCSD) R4208606-3 05/01/25 15:35

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Bromobenzene	5.00	4.80	4.72	96.0	94.4	73.0-121			1.68	20
Bromodichloromethane	5.00	5.38	5.18	108	104	75.0-120			3.79	20
Bromoform	5.00	5.34	5.36	107	107	68.0-132			0.374	20
Bromomethane	5.00	4.99	5.11	99.8	102	10.0-160	J		2.38	25
n-Butylbenzene	5.00	4.26	4.35	85.2	87.0	73.0-125			2.09	20
sec-Butylbenzene	5.00	4.45	4.49	89.0	89.8	75.0-125			0.895	20
tert-Butylbenzene	5.00	4.33	4.31	86.6	86.2	76.0-124			0.463	20
Carbon tetrachloride	5.00	5.41	5.14	108	103	68.0-126			5.12	20
Chlorobenzene	5.00	5.23	5.12	105	102	80.0-121			2.13	20
Chlorodibromomethane	5.00	5.31	5.15	106	103	77.0-125			3.06	20
Chloroethane	5.00	4.13	4.03	82.6	80.6	47.0-150	J	J	2.45	20
Chloroform	5.00	5.38	5.35	108	107	73.0-120			0.559	20
Chloromethane	5.00	7.11	7.01	142	140	41.0-142			1.42	20
2-Chlorotoluene	5.00	4.63	4.66	92.6	93.2	76.0-123			0.646	20
4-Chlorotoluene	5.00	4.40	4.22	88.0	84.4	75.0-122			4.18	20
1,2-Dibromo-3-Chloropropane	5.00	4.14	4.18	82.8	83.6	58.0-134	J	J	0.962	20
1,2-Dibromoethane	5.00	5.38	5.21	108	104	80.0-122			3.21	20
Dibromomethane	5.00	5.32	5.16	106	103	80.0-120			3.05	20
1,2-Dichlorobenzene	5.00	4.75	4.69	95.0	93.8	79.0-121			1.27	20
1,3-Dichlorobenzene	5.00	4.83	4.68	96.6	93.6	79.0-120			3.15	20
1,4-Dichlorobenzene	5.00	4.84	4.84	96.8	96.8	79.0-120			0.000	20
Dichlorodifluoromethane	5.00	8.33	8.34	167	167	51.0-149	J4	J4	0.120	20
1,1-Dichloroethane	5.00	5.50	5.43	110	109	70.0-126			1.28	20
1,2-Dichloroethane	5.00	4.98	0.249	99.6	4.98	70.0-128		J J3 J4	181	20
1,1-Dichloroethene	5.00	5.75	5.74	115	115	71.0-124			0.174	20
cis-1,2-Dichloroethene	5.00	5.36	5.32	107	106	73.0-120			0.749	20
trans-1,2-Dichloroethene	5.00	5.58	5.54	112	111	73.0-120			0.719	20
1,2-Dichloropropane	5.00	5.98	5.75	120	115	77.0-125			3.92	20
1,1-Dichloropropene	5.00	5.53	5.29	111	106	74.0-126			4.44	20
1,3-Dichloropropane	5.00	5.39	5.33	108	107	80.0-120			1.12	20
cis-1,3-Dichloropropene	5.00	4.60	4.61	92.0	92.2	80.0-123			0.217	20
trans-1,3-Dichloropropene	5.00	4.60	4.69	92.0	93.8	78.0-124			1.94	20
2,2-Dichloropropane	5.00	3.85	4.99	77.0	99.8	58.0-130		J3	25.8	20
Di-isopropyl ether	5.00	5.50	5.30	110	106	58.0-138			3.70	20
Ethylbenzene	5.00	4.79	4.95	95.8	99.0	79.0-123			3.29	20
Hexachloro-1,3-butadiene	5.00	4.95	5.05	99.0	101	54.0-138			2.00	20
Isopropylbenzene	5.00	4.90	4.87	98.0	97.4	76.0-127			0.614	20
p-Isopropyltoluene	5.00	4.40	4.32	88.0	86.4	76.0-125			1.83	20
2-Butanone (MEK)	25.0	23.4	23.8	93.6	95.2	44.0-160			1.69	20
Methylene Chloride	5.00	5.08	5.14	102	103	67.0-120			1.17	20

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

(LCS) R4208606-1 05/01/25 14:00 • (LCSD) R4208606-3 05/01/25 15:35

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
4-Methyl-2-pentanone (MIBK)	25.0	27.8	27.1	111	108	68.0-142			2.55	20
Methyl tert-butyl ether	5.00	4.74	4.62	94.8	92.4	68.0-125			2.56	20
Naphthalene	5.00	3.51	3.38	70.2	67.6	54.0-135	↓	↓	3.77	20
n-Propylbenzene	5.00	4.40	4.36	88.0	87.2	77.0-124			0.913	20
Styrene	5.00	4.86	4.89	97.2	97.8	73.0-130			0.615	20
1,1,1,2-Tetrachloroethane	5.00	5.29	5.15	106	103	75.0-125			2.68	20
1,1,2,2-Tetrachloroethane	5.00	4.43	4.73	88.6	94.6	65.0-130			6.55	20
1,1,2-Trichlorotrifluoroethane	5.00	5.65	5.66	113	113	69.0-132			0.177	20
Tetrachloroethene	5.00	5.66	5.71	113	114	72.0-132			0.880	20
Toluene	5.00	5.51	5.36	110	107	79.0-120			2.76	20
1,2,3-Trichlorobenzene	5.00	4.49	4.28	89.8	85.6	50.0-138			4.79	20
1,2,4-Trichlorobenzene	5.00	4.39	4.30	87.8	86.0	57.0-137			2.07	20
1,1,1-Trichloroethane	5.00	5.46	5.40	109	108	73.0-124			1.10	20
1,1,2-Trichloroethane	5.00	5.74	5.56	115	111	80.0-120			3.19	20
Trichloroethene	5.00	5.73	5.21	115	104	78.0-124			9.51	20
Trichlorofluoromethane	5.00	3.79	3.91	75.8	78.2	59.0-147	↓	↓	3.12	20
1,2,3-Trichloropropane	5.00	4.57	4.59	91.4	91.8	73.0-130			0.437	20
1,2,4-Trimethylbenzene	5.00	4.32	4.29	86.4	85.8	76.0-121			0.697	20
1,2,3-Trimethylbenzene	5.00	4.51	4.47	90.2	89.4	77.0-120			0.891	20
1,3,5-Trimethylbenzene	5.00	4.38	4.36	87.6	87.2	76.0-122			0.458	20
Vinyl chloride	5.00	5.21	5.18	104	104	67.0-131			0.577	20
Xylenes, Total	15.0	15.2	14.9	101	99.3	79.0-123			1.99	20
(S) Toluene-d8				102	103	80.0-120				
(S) 4-Bromofluorobenzene				103	104	77.0-126				
(S) 1,2-Dichloroethane-d4				90.1	91.0	70.0-130				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1853795-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1853795-01 05/01/25 22:28 • (MS) R4208606-4 05/02/25 00:26 • (MSD) R4208606-5 05/02/25 00:50

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	U	12.2	13.7	48.8	54.8	1	10.0-160			11.6	35
Acrolein	25.0	U	27.3	29.0	109	116	1	10.0-160	↓	↓	6.04	39
Acrylonitrile	25.0	U	28.3	32.6	113	130	1	21.0-160			14.1	32
Benzene	5.00	U	5.31	5.95	106	119	1	17.0-158			11.4	27
Bromobenzene	5.00	U	4.46	5.04	89.2	101	1	30.0-149			12.2	28
Bromodichloromethane	5.00	U	5.07	5.57	101	111	1	31.0-150			9.40	27
Bromoform	5.00	U	5.19	5.64	104	113	1	29.0-150			8.31	29
Bromomethane	5.00	U	5.53	6.23	111	125	1	10.0-160			11.9	38

L1853795-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1853795-01 05/01/25 22:28 • (MS) R4208606-4 05/02/25 00:26 • (MSD) R4208606-5 05/02/25 00:50

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
n-Butylbenzene	5.00	U	4.17	4.63	83.4	92.6	1	31.0-150			10.5	30
sec-Butylbenzene	5.00	U	4.21	4.73	84.2	94.6	1	33.0-155			11.6	29
tert-Butylbenzene	5.00	U	4.03	4.45	80.6	89.0	1	34.0-153			9.91	28
Carbon tetrachloride	5.00	U	5.36	6.00	107	120	1	23.0-159			11.3	28
Chlorobenzene	5.00	U	5.10	5.55	102	111	1	33.0-152			8.45	27
Chlorodibromomethane	5.00	U	4.88	5.52	97.6	110	1	37.0-149			12.3	27
Chloroethane	5.00	U	3.96	4.28	79.2	85.6	1	10.0-160			7.77	30
Chloroform	5.00	U	5.28	5.82	106	116	1	29.0-154			9.73	28
Chloromethane	5.00	U	6.90	7.71	138	154	1	10.0-160			11.1	29
2-Chlorotoluene	5.00	U	4.27	4.85	85.4	97.0	1	32.0-153			12.7	28
4-Chlorotoluene	5.00	U	4.17	4.54	83.4	90.8	1	32.0-150			8.50	28
1,2-Dibromo-3-Chloropropane	5.00	U	3.89	4.23	77.8	84.6	1	22.0-151	J	J	8.37	34
1,2-Dibromoethane	5.00	U	4.92	5.43	98.4	109	1	34.0-147			9.86	27
Dibromomethane	5.00	U	4.98	5.37	99.6	107	1	30.0-151			7.54	27
1,2-Dichlorobenzene	5.00	U	4.29	4.81	85.8	96.2	1	34.0-149			11.4	28
1,3-Dichlorobenzene	5.00	U	4.35	4.97	87.0	99.4	1	36.0-146			13.3	27
1,4-Dichlorobenzene	5.00	U	4.70	5.10	94.0	102	1	35.0-142			8.16	27
Dichlorodifluoromethane	5.00	U	8.19	9.01	164	180	1	10.0-160	J5	J5	9.53	29
1,1-Dichloroethane	5.00	U	5.44	5.83	109	117	1	25.0-158			6.92	27
1,2-Dichloroethane	5.00	U	4.66	5.26	93.2	105	1	29.0-151			12.1	27
1,1-Dichloroethene	5.00	U	6.09	6.56	122	131	1	11.0-160			7.43	29
cis-1,2-Dichloroethene	5.00	U	5.07	5.71	101	114	1	10.0-160			11.9	27
trans-1,2-Dichloroethene	5.00	U	5.37	6.27	107	125	1	17.0-153			15.5	27
1,2-Dichloropropane	5.00	U	5.69	6.10	114	122	1	30.0-156			6.96	27
1,1-Dichloropropene	5.00	U	5.54	5.87	111	117	1	25.0-158			5.78	27
1,3-Dichloropropane	5.00	U	5.02	5.56	100	111	1	38.0-147			10.2	27
cis-1,3-Dichloropropene	5.00	U	3.91	4.48	78.2	89.6	1	34.0-149			13.6	28
trans-1,3-Dichloropropene	5.00	U	4.32	4.91	86.4	98.2	1	32.0-149			12.8	28
2,2-Dichloropropane	5.00	U	4.94	5.34	98.8	107	1	24.0-152			7.78	29
Di-isopropyl ether	5.00	U	5.03	5.57	101	111	1	21.0-160			10.2	28
Ethylbenzene	5.00	U	4.73	5.31	94.6	106	1	30.0-155			11.6	27
Hexachloro-1,3-butadiene	5.00	U	4.89	5.65	97.8	113	1	20.0-154			14.4	34
Isopropylbenzene	5.00	U	4.61	5.23	92.2	105	1	28.0-157			12.6	27
p-Isopropyltoluene	5.00	U	4.01	4.52	80.2	90.4	1	30.0-154			12.0	29
2-Butanone (MEK)	25.0	U	18.5	20.3	74.0	81.2	1	10.0-160			9.28	32
Methylene Chloride	5.00	U	4.88	5.44	97.6	109	1	23.0-144			10.9	28
4-Methyl-2-pentanone (MIBK)	25.0	U	25.7	28.9	103	116	1	29.0-160			11.7	29
Methyl tert-butyl ether	5.00	U	4.12	4.76	82.4	95.2	1	28.0-150			14.4	29
Naphthalene	5.00	U	3.06	3.54	61.2	70.8	1	12.0-156	J	J	14.5	35
n-Propylbenzene	5.00	U	4.19	4.61	83.8	92.2	1	31.0-154			9.55	28

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1853795-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1853795-01 05/01/25 22:28 • (MS) R4208606-4 05/02/25 00:26 • (MSD) R4208606-5 05/02/25 00:50

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Styrene	5.00	U	4.56	5.04	91.2	101	1	33.0-155			10.0	28
1,1,1,2-Tetrachloroethane	5.00	U	5.15	5.68	103	114	1	36.0-151			9.79	29
1,1,2,2-Tetrachloroethane	5.00	U	4.82	5.19	96.4	104	1	33.0-150			7.39	28
1,1,2-Trichlorotrifluoroethane	5.00	U	5.88	6.45	118	129	1	23.0-160			9.25	30
Tetrachloroethene	5.00	U	5.94	6.38	119	128	1	10.0-160			7.14	27
Toluene	5.00	U	5.01	5.62	100	112	1	26.0-154			11.5	28
1,2,3-Trichlorobenzene	5.00	U	4.08	4.58	81.6	91.6	1	17.0-150			11.5	36
1,2,4-Trichlorobenzene	5.00	U	3.86	4.60	77.2	92.0	1	24.0-150			17.5	33
1,1,1-Trichloroethane	5.00	U	5.40	5.83	108	117	1	23.0-160			7.66	28
1,1,2-Trichloroethane	5.00	U	5.35	6.01	107	120	1	35.0-147			11.6	27
Trichloroethene	5.00	U	5.16	5.56	103	111	1	10.0-160			7.46	25
Trichlorofluoromethane	5.00	U	3.88	4.27	77.6	85.4	1	17.0-160	J	J	9.57	31
1,2,3-Trichloropropane	5.00	U	4.19	4.68	83.8	93.6	1	34.0-151			11.0	29
1,2,4-Trimethylbenzene	5.00	U	4.10	4.50	82.0	90.0	1	26.0-154			9.30	27
1,2,3-Trimethylbenzene	5.00	U	4.16	4.69	83.2	93.8	1	32.0-149			12.0	28
1,3,5-Trimethylbenzene	5.00	U	4.14	4.63	82.8	92.6	1	28.0-153			11.2	27
Vinyl chloride	5.00	U	5.10	5.69	102	114	1	10.0-160			10.9	27
Xylenes, Total	15.0	U	14.5	16.2	96.7	108	1	29.0-154			11.1	28
(S) Toluene-d8					99.1	99.1		80.0-120				
(S) 4-Bromofluorobenzene					102	103		77.0-126				
(S) 1,2-Dichloroethane-d4					91.0	91.4		70.0-130				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4208587-2 05/01/25 21:23

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) R4208587-2 05/01/25 21:23

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/kg		ug/kg	ug/kg
Pentachlorophenol	U		8.96	333
Phenol	U		13.4	333
2,4,6-Trichlorophenol	U		10.7	333
(S) 2-Fluorophenol	71.6			12.0-120
(S) Phenol-d5	60.5			10.0-120
(S) Nitrobenzene-d5	60.4			10.0-122
(S) 2-Fluorobiphenyl	72.4			15.0-120
(S) 2,4,6-Tribromophenol	76.1			10.0-127
(S) p-Terphenyl-d14	77.8			10.0-120

Laboratory Control Sample (LCS)

(LCS) R4208587-1 05/01/25 21:02

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/kg	ug/kg	%	%	
Acenaphthylene	666	472	70.9	40.0-120	
Benzidine	1330	450	33.8	10.0-120	J
Benzo(g,h,i)perylene	666	422	63.4	43.0-120	
Bis(2-chlorethoxy)methane	666	284	42.6	20.0-120	J
Bis(2-chloroethyl)ether	666	311	46.7	16.0-120	J
2,2-Oxybis(1-Chloropropane)	666	262	39.3	23.0-120	J
4-Bromophenyl-phenylether	666	514	77.2	40.0-120	
2-Chloronaphthalene	666	405	60.8	35.0-120	
4-Chlorophenyl-phenylether	666	451	67.7	40.0-120	
1,2-Dichlorobenzene	666	374	56.2	32.0-120	
1,3-Dichlorobenzene	666	366	55.0	30.0-120	
1,4-Dichlorobenzene	666	377	56.6	31.0-120	
3,3-Dichlorobenzidine	1330	930	69.9	28.0-120	
2,4-Dinitrotoluene	666	470	70.6	45.0-120	
2,6-Dinitrotoluene	666	446	67.0	42.0-120	
Hexachlorobenzene	666	448	67.3	39.0-120	
Hexachloro-1,3-butadiene	666	362	54.4	15.0-120	
Hexachlorocyclopentadiene	666	380	57.1	15.0-120	
Hexachloroethane	666	356	53.5	17.0-120	
Isophorone	666	307	46.1	23.0-120	J
Nitrobenzene	666	312	46.8	17.0-120	J
n-Nitrosodimethylamine	666	377	56.6	10.0-125	
n-Nitrosodiphenylamine	666	432	64.9	40.0-120	
n-Nitrosodi-n-propylamine	666	337	50.6	26.0-120	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Laboratory Control Sample (LCS)

(LCS) R4208587-1 05/01/25 21:02

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Phenanthrene	666	410	61.6	42.0-120	
Benzylbutyl phthalate	666	467	70.1	40.0-120	
Bis(2-ethylhexyl)phthalate	666	472	70.9	41.0-120	
Di-n-butyl phthalate	666	437	65.6	43.0-120	
Diethyl phthalate	666	472	70.9	43.0-120	
Dimethyl phthalate	666	482	72.4	43.0-120	
Di-n-octyl phthalate	666	504	75.7	40.0-120	
1,2,4-Trichlorobenzene	666	361	54.2	17.0-120	
4-Chloro-3-methylphenol	666	381	57.2	28.0-120	
2-Chlorophenol	666	359	53.9	28.0-120	
2,4-Dichlorophenol	666	397	59.6	25.0-120	
2,4-Dimethylphenol	666	344	51.7	15.0-120	
4,6-Dinitro-2-methylphenol	666	404	60.7	16.0-120	
2,4-Dinitrophenol	666	314	47.1	10.0-120	U
2-Nitrophenol	666	380	57.1	20.0-120	
4-Nitrophenol	666	430	64.6	27.0-120	
Pentachlorophenol	666	358	53.8	29.0-120	
Phenol	666	359	53.9	28.0-120	
2,4,6-Trichlorophenol	666	447	67.1	37.0-120	
(S) 2-Fluorophenol			74.5	12.0-120	
(S) Phenol-d5			60.7	10.0-120	
(S) Nitrobenzene-d5			45.9	10.0-122	
(S) 2-Fluorobiphenyl			64.6	15.0-120	
(S) 2,4,6-Tribromophenol			73.6	10.0-127	
(S) p-Terphenyl-d14			73.9	10.0-120	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1853786-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1853786-01 05/02/25 01:53 • (MS) R4208587-3 05/02/25 02:14 • (MSD) R4208587-4 05/02/25 02:35

Analyte	Spike Amount (dry) ug/kg	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acenaphthylene	748	U	529	577	70.7	76.9	2	25.0-120			8.64	32
Benzidine	1490	U	265	260	17.7	17.3	2	10.0-120	U	U	1.78	40
Benzo(g,h,i)perylene	748	U	454	451	60.6	60.1	2	10.0-120			0.515	33
Bis(2-chlorethoxy)methane	748	U	340	354	45.5	47.2	2	10.0-120	U	U	4.03	34
Bis(2-chloroethyl)ether	748	U	298	323	39.9	43.0	2	10.0-120	U	U	7.88	40
2,2-Oxybis(1-Chloropropane)	748	U	287	310	38.3	41.3	2	10.0-120	U	U	7.81	40
4-Bromophenyl-phenylether	748	U	564	575	75.4	76.6	2	27.0-120	U	U	1.84	30
2-Chloronaphthalene	748	U	438	474	58.6	63.2	2	20.0-120			7.92	32

L1853786-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1853786-01 05/02/25 01:53 • (MS) R4208587-3 05/02/25 02:14 • (MSD) R4208587-4 05/02/25 02:35

Analyte	Spike Amount (dry) ug/kg	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
4-Chlorophenyl-phenylether	748	U	514	544	68.7	72.5	2	24.0-120	J	J	5.73	29
1,2-Dichlorobenzene	748	U	392	394	52.3	52.5	2	10.0-120	J	J	0.593	38
1,3-Dichlorobenzene	748	U	361	384	48.3	51.1	2	10.0-120	J	J	5.95	40
1,4-Dichlorobenzene	748	U	395	401	52.8	53.4	2	10.0-120	J	J	1.46	39
3,3-Dichlorobenzidine	1490	U	701	669	47.0	44.5	2	10.0-120	J	J	4.60	34
2,4-Dinitrotoluene	748	U	523	521	69.9	69.4	2	30.0-120	J	J	0.446	31
2,6-Dinitrotoluene	748	U	539	512	72.0	68.2	2	25.0-120	J	J	5.11	31
Hexachlorobenzene	748	U	497	514	66.4	68.5	2	27.0-120	J	J	3.46	28
Hexachloro-1,3-butadiene	748	U	431	466	57.6	62.1	2	10.0-120	J	J	7.79	38
Hexachlorocyclopentadiene	748	U	U	U	5.17	3.74	2	10.0-120	J J6	J J6	31.8	40
Hexachloroethane	748	U	223	216	29.8	28.7	2	10.0-120	J	J	3.19	40
Isophorone	748	U	372	384	49.7	51.1	2	13.0-120	J	J	3.09	34
Nitrobenzene	748	U	353	382	47.2	50.9	2	10.0-120	J	J	7.92	36
n-Nitrosodimethylamine	748	U	328	361	43.8	48.1	2	10.0-127	J	J	9.81	40
n-Nitrosodiphenylamine	748	U	493	501	65.9	66.8	2	17.0-120	J	J	1.64	29
n-Nitrosodi-n-propylamine	748	U	347	394	46.4	52.5	2	10.0-120	J	J	12.6	37
Phenanthrene	748	U	464	474	62.0	63.2	2	17.0-120	J	J	2.24	31
Benzylbutyl phthalate	748	U	542	520	72.4	69.3	2	23.0-120	J	J	4.17	30
Bis(2-ethylhexyl)phthalate	748	U	527	530	70.4	70.7	2	17.0-126	J	J	0.662	30
Di-n-butyl phthalate	748	U	505	530	67.4	70.7	2	30.0-120	J	J	4.95	29
Diethyl phthalate	748	U	541	577	72.3	76.9	2	26.0-120	J	J	6.47	28
Dimethyl phthalate	748	U	529	567	70.7	75.5	2	25.0-120	J	J	6.81	29
Di-n-octyl phthalate	748	U	670	661	89.6	88.0	2	21.0-123	J	J	1.40	29
1,2,4-Trichlorobenzene	748	U	436	466	58.3	62.1	2	12.0-120	J	J	6.72	37
4-Chloro-3-methylphenol	748	U	477	485	63.7	64.6	2	15.0-120	J	J	1.70	30
2-Chlorophenol	748	U	401	401	53.6	53.4	2	15.0-120	J	J	0.000	37
2,4-Dichlorophenol	748	U	473	488	63.2	65.1	2	20.0-120	J	J	3.15	31
2,4-Dimethylphenol	748	U	407	447	54.4	59.5	2	10.0-120	J	J	9.29	33
4,6-Dinitro-2-methylphenol	748	U	199	196	26.6	26.1	2	10.0-120	J	J	1.77	39
2,4-Dinitrophenol	748	U	277	274	37.1	36.5	2	10.0-121	J	J	1.27	40
2-Nitrophenol	748	U	452	456	60.4	60.7	2	12.0-120	J	J	0.770	39
4-Nitrophenol	748	U	474	509	63.4	67.9	2	10.0-137	J	J	7.11	32
Pentachlorophenol	748	U	495	521	66.2	69.4	2	10.0-160	J	J	5.05	31
Phenol	748	U	384	387	51.2	51.6	2	12.0-120	J	J	0.908	38
2,4,6-Trichlorophenol	748	U	512	541	68.4	72.0	2	19.0-120	J	J	5.54	32
(S) 2-Fluorophenol					62.4	67.0		12.0-120				
(S) Phenol-d5					55.4	57.5		10.0-120				
(S) Nitrobenzene-d5					48.9	47.2		10.0-122				
(S) 2-Fluorobiphenyl					63.6	68.0		15.0-120				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1853786-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1853786-01 05/02/25 01:53 • (MS) R4208587-3 05/02/25 02:14 • (MSD) R4208587-4 05/02/25 02:35

Analyte	Spike Amount (dry) ug/kg	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
(S) 2,4,6-Tribromophenol					77.8	79.8		10.0-127				
(S) p-Terphenyl-d14					70.4	70.2		10.0-120				

Sample Narrative:

OS: Dilution due to matrix impact during extract concentration procedure.

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

# GLOSSARY OF TERMS

## Guide to Reading and Understanding Your Laboratory Report

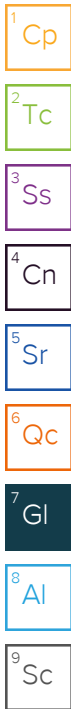
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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

### Abbreviations and Definitions

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

Qualifier	Description
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
C7	The initial calibration verification standard (SSCV) associated with this data responded high.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
V	The sample concentration is too high to evaluate accurate spike recoveries.



# ACCREDITATIONS & LOCATIONS

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

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

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

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

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

<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

**Pace** Pace® Location Requested (City/State): **CHAIN-OF-CUSTODY Analytical Request Document**  
 Pace National, 12065 Lebanon Road, Mt. Juliet, TN 37122 Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company Name: CTEH, LLC  
 Street Address: 5120 North Shore Drive, North Little Rock, AR 72118  
 Customer Project #: PROJ-054017  
 Project Name: Bishop LOC  
 Site Collection Info/Facility ID (as applicable): Galeton, CO  
 Time Zone Collected: [ ] AK [ ] PT  MT [ ] CT [ ] ET  
 Data Deliverables:  Level II [ ] Level III [ ] Level IV  
 [ ] EQUIS [ ] Other  
 Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No  
 Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other **ASAP**  
 Date Results Requested:  
 DW PWSID # or WW Permit # as applicable:  
 Field Filtered (if applicable): [ ] Yes [ ] No  
 Analysis:  
 Contact/Report To: Lab Results, Kyle Lawrence, Tami McMullin, Andy Henault, Eric Catlin, Madelyn Klinkerman  
 Phone #:   
 E-Mail: labresults@cteh.com; kylelawrence@cteh.com; tmcnullin@cteh.com; ahenault@cteh.com  
 Cc E-Mail: ecattlin@cteh.com; mklinkerman@cteh.com  
 Invoice to: CTEH  
 Invoice E-mail: ctehap@montrose-env.com  
 Purchase Order # (if applicable):  
 Quote #:

LAB USE ONLY - Affix Workorder/Login Label Here **4853792**

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

Specify Container Size \*\*  
 8oz 8oz 8oz 6  
 Identify Container Preservative Type\*\*\*  
 1 1 1 1 4  
 Analysis Requested

\*\*Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other  
 \*\*\* Preservative Types: (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

County / State origin of sample(s): CO
 \* Matrix Codes (Insert in Matrix box below): 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)

Proj. Mgr: 546-Jared Starkey  
 AcctNum / Client ID: CTEHER  
 Table #: T271979  
 Profile / Template:  
 Prelog / Bottle Ord. ID:  
 Lab Use Only  
 Preservation non-conformance identified for sample.

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Chlorine		VOCs 8260D	SVOCs 8270E; Metals 6010D	Total NITRIN+NNH3 EPA 351.2/9056A	TOC Walkley Black	VOCs 8260D	Sample Comment
			Date	Time	Date	Time		Result	Units						
GACO0430T031S001	SS	G	-	-	4/30/2025	0944	3	-	-	X	X	X	X	-	-01
GACO0430T031S002	SS	G	-	-	4/30/2025	1005	3	-	-	X	X	X	X	-	-02
GACO0430T031S003	SS	G	-	-	4/30/2025	1030	3	-	-	X	X	X	X	-	-03
GACO0430T031S004	SS	G	-	-	4/30/2025	1050	3	-	-	X	X	X	X	-	<04
GACO0430T031T001	OT	G	-	-	4/30/2025	0700	2	-	-	-	-	-	-	X	-05

Additional Instructions from Pace®:  
 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

Collected By: **Shane Bragg**  
 Printed Name: **Shane Bragg**  
 Signature: *[Signature]*

Customer Remarks / Special Conditions / Possible Hazards:  
 # Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [ ] On Ice

Relinquished by/Company: (Signature) <b>Shane Bragg / Montrose / DL Puff</b>	Date/Time: <b>4-30-25 1800</b>	Received by/Company: (Signature) <b>Pace</b>	Date/Time: <b>4-30-25 1800</b>	Tracking Number:  Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other  Page: <b>of</b>
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature) <b>Custom Opn</b>	Date/Time: <b>5/1/25 1300</b>	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	