

**CTEH - ER**

Sample Delivery Group: L1855972  
Samples Received: 05/03/2025  
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.

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

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<sup>1</sup> Cp
<sup>2</sup> Tc
<sup>3</sup> Ss
<sup>4</sup> Cn
<sup>5</sup> Sr
<sup>6</sup> Qc
<sup>7</sup> Gl
<sup>8</sup> Al
<sup>9</sup> Sc

# SAMPLE SUMMARY

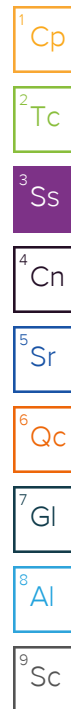
GACO0502STW003 L1855972-01

Collected by  
Eric Powell

Collected date/time  
05/02/25 16:13

Received date/time  
05/03/25 14:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2506171	1	05/03/25 17:08	05/04/25 09:46	JDG	Mt. Juliet, TN
Gravimetric Analysis by Method 2540 D-2020	WG2506170	1	05/03/25 17:01	05/03/25 18:30	JDG	Mt. Juliet, TN
Wet Chemistry by Method 130.1	WG2506067	1	05/05/25 13:19	05/06/25 13:43	JDG	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2506141	1	05/03/25 20:37	05/03/25 20:37	ARD	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2506081	1	05/03/25 23:48	05/03/25 23:48	DLH	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2506081	10	05/04/25 00:00	05/04/25 00:00	DLH	Mt. Juliet, TN
Wet Chemistry by Method 5540 C-2011	WG2505657	1	05/03/25 16:46	05/03/25 19:09	JAR	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2506708	1	05/05/25 00:30	05/05/25 00:30	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2506176	1	05/03/25 17:22	05/03/25 17:22	JDG	Mt. Juliet, TN
Mercury by Method 7470A	WG2506175	1	05/03/25 17:37	05/03/25 21:42	LAS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506136	1	05/03/25 16:56	05/04/25 12:18	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506136	5	05/03/25 16:56	05/04/25 17:29	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2506140	1	05/03/25 17:02	05/04/25 13:50	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2506080	1	05/03/25 20:57	05/03/25 20:57	GLN	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2506164	1	05/03/25 21:15	05/03/25 21:15	GLN	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2506166	2	05/03/25 17:06	05/04/25 00:25	ENR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2506165	1	05/03/25 16:58	05/04/25 08:01	JCH	Mt. Juliet, TN



GACO0502STWT001 L1855972-02

Collected by  
Eric Powell

Collected date/time  
05/02/25 07:00

Received date/time  
05/03/25 14:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2506164	1	05/03/25 21:36	05/03/25 21:36	GLN	Mt. Juliet, TN

# CASE NARRATIVE

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



Jared Starkey  
Project Manager

## Report Revision History

Level II Report - Version 1: 05/09/25 23:07

## Project Comments

L1854767-24 (GACO0502STWT001) to L1855972-02

## Sample Delivery Group (SDG) Narrative

The following samples were prepared and/or analyzed past recommended holding time. Concentrations should be considered minimum values.

Batch	Method	Lab Sample ID
WG2506176	9040C	L1855972-01

## Wet Chemistry by Method 300.0

The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).

Batch	Lab Sample ID	Analytes
WG2506081	(MS) R4209553-11	Sulfate
WG2506081	(MS) R4209553-8	Sulfate

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

Batch	Lab Sample ID	Analytes
WG2506081	(MS) R4209553-11, (MS) R4209553-8, L1855972-01	Bromide and Chloride

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

Batch	Lab Sample ID	Analytes
WG2506081	(MS) R4209553-11, (MS) R4209553-8	Sulfate



# CASE NARRATIVE

## Metals (ICPMS) by Method 6020B

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

Batch	Lab Sample ID	Analytes
WG2506136	(MS) R4209529-4, (MS) R4209481-4, (MSD) R4209529-5, (MSD) R4209481-5	Boron, Calcium, Magnesium, Manganese and Sodium

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

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

Batch	Lab Sample ID	Analytes
WG2506164	L1855972-01	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, 2,2-Dichloropropane and Naphthalene
WG2506164	L1855972-02	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, 2,2-Dichloropropane and Naphthalene

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

Batch	Lab Sample ID	Analytes
WG2506164	(LCSD) R4209450-2, L1855972-01, 02	Bromomethane

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

Batch	Lab Sample ID	Analytes
WG2506164	(LCS) R4209450-1, L1855972-01, 02	Naphthalene

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

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

Batch	Lab Sample ID	Analytes
WG2506165	L1855972-01	Benzidine and Hexachlorocyclopentadiene

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

Batch	Lab Sample ID	Analytes
WG2506165	(LCS) R4209528-1, (LCSD) R4209528-2, L1855972-01	Benzidine

<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

## Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	829000		13300	1	05/04/2025 09:46	<a href="#">WG2506171</a>

## Gravimetric Analysis by Method 2540 D-2020

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Suspended Solids	1440000		125000	1	05/03/2025 18:30	<a href="#">WG2506170</a>

## Wet Chemistry by Method 130.1

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Hardness (colorimetric) as CaCO3	313000		30000	1	05/06/2025 13:43	<a href="#">WG2506067</a>

## Wet Chemistry by Method 2320 B-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Alkalinity	412000		20000	1	05/03/2025 20:37	<a href="#">WG2506141</a>

## Sample Narrative:

L1855972-01 WG2506141: Endpoint pH 4.5 Headspace

## Wet Chemistry by Method 300.0

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Bromide	ND	<a href="#">J6</a>	1000	1	05/03/2025 23:48	<a href="#">WG2506081</a>
Chloride	63500	<a href="#">J6</a>	1000	1	05/03/2025 23:48	<a href="#">WG2506081</a>
Fluoride	952		150	1	05/03/2025 23:48	<a href="#">WG2506081</a>
Nitrate as (N)	ND		100	1	05/03/2025 23:48	<a href="#">WG2506081</a>
Nitrite as (N)	ND		100	1	05/03/2025 23:48	<a href="#">WG2506081</a>
Sulfate	394000		50000	10	05/04/2025 00:00	<a href="#">WG2506081</a>

## Wet Chemistry by Method 5540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
MBAS	160		100	1	05/03/2025 19:09	<a href="#">WG2505657</a>

## Wet Chemistry by Method 7199

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.500	1	05/05/2025 00:30	<a href="#">WG2506708</a>

## Wet Chemistry by Method 9040C

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	9.14	<a href="#">T8</a>	1	05/03/2025 17:22	<a href="#">WG2506176</a>

## Sample Narrative:

L1855972-01 WG2506176: 9.14 at 20.1C

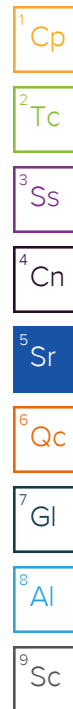
## Mercury by Method 7470A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Mercury	ND		0.200	1	05/03/2025 21:42	<a href="#">WG2506175</a>

1  
Cp2  
Tc3  
Ss4  
Cn5  
Sr6  
Qc7  
Gl8  
Al9  
Sc

## Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Aluminum	2770		100	1	05/04/2025 12:18	<a href="#">WG2506136</a>
Aluminum,Dissolved	ND		100	1	05/04/2025 13:50	<a href="#">WG2506140</a>
Antimony	ND		4.00	1	05/04/2025 12:18	<a href="#">WG2506136</a>
Arsenic	5.96		2.00	1	05/04/2025 12:18	<a href="#">WG2506136</a>
Arsenic,Dissolved	5.29		2.00	1	05/04/2025 13:50	<a href="#">WG2506140</a>
Barium	81.9		2.00	1	05/04/2025 12:18	<a href="#">WG2506136</a>
Beryllium	ND		2.00	1	05/04/2025 12:18	<a href="#">WG2506136</a>
Boron	223		150	5	05/04/2025 17:29	<a href="#">WG2506136</a>
Cadmium	ND		1.00	1	05/04/2025 12:18	<a href="#">WG2506136</a>
Cadmium,Dissolved	ND		1.00	1	05/04/2025 13:50	<a href="#">WG2506140</a>
Calcium	62500		1000	1	05/04/2025 12:18	<a href="#">WG2506136</a>
Chromium	2.57		2.00	1	05/04/2025 12:18	<a href="#">WG2506136</a>
Chromium,Dissolved	ND		2.00	1	05/04/2025 13:50	<a href="#">WG2506140</a>
Copper	5.58		5.00	1	05/04/2025 12:18	<a href="#">WG2506136</a>
Copper,Dissolved	ND		5.00	1	05/04/2025 13:50	<a href="#">WG2506140</a>
Cobalt	ND		2.00	1	05/04/2025 12:18	<a href="#">WG2506136</a>
Iron	1920		100	1	05/04/2025 12:18	<a href="#">WG2506136</a>
Lead	2.04		2.00	1	05/04/2025 12:18	<a href="#">WG2506136</a>
Lead,Dissolved	ND		2.00	1	05/04/2025 13:50	<a href="#">WG2506140</a>
Magnesium	34000		1000	1	05/04/2025 12:18	<a href="#">WG2506136</a>
Manganese	79.3		5.00	1	05/04/2025 12:18	<a href="#">WG2506136</a>
Manganese,Dissolved	18.5		5.00	1	05/04/2025 13:50	<a href="#">WG2506140</a>
Nickel	5.20		2.00	1	05/04/2025 12:18	<a href="#">WG2506136</a>
Nickel,Dissolved	3.54		2.00	1	05/04/2025 13:50	<a href="#">WG2506140</a>
Potassium	6410		2000	1	05/04/2025 12:18	<a href="#">WG2506136</a>
Selenium	ND		2.00	1	05/04/2025 12:18	<a href="#">WG2506136</a>
Selenium,Dissolved	ND		2.00	1	05/04/2025 13:50	<a href="#">WG2506140</a>
Silver	ND		2.00	1	05/04/2025 12:18	<a href="#">WG2506136</a>
Silver,Dissolved	ND		2.00	1	05/04/2025 13:50	<a href="#">WG2506140</a>
Sodium	163000		2000	1	05/04/2025 12:18	<a href="#">WG2506136</a>
Thallium	ND		2.00	1	05/04/2025 12:18	<a href="#">WG2506136</a>
Vanadium	19.1		5.00	1	05/04/2025 12:18	<a href="#">WG2506136</a>
Zinc	25.9		25.0	1	05/04/2025 12:18	<a href="#">WG2506136</a>
Zinc,Dissolved	ND		25.0	1	05/04/2025 13:50	<a href="#">WG2506140</a>



## Volatile Organic Compounds (GC) by Method 8015D/GRO

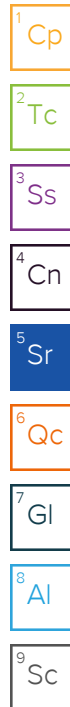
Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		100	1	05/03/2025 20:57	<a href="#">WG2506080</a>
(S) a,a,a-Trifluorotoluene(FID)	103		78.0-120		05/03/2025 20:57	<a href="#">WG2506080</a>

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	05/03/2025 21:15	<a href="#">WG2506164</a>
Acrolein	ND		50.0	1	05/03/2025 21:15	<a href="#">WG2506164</a>
Acrylonitrile	ND		10.0	1	05/03/2025 21:15	<a href="#">WG2506164</a>
Benzene	ND		1.00	1	05/03/2025 21:15	<a href="#">WG2506164</a>
Bromobenzene	ND		1.00	1	05/03/2025 21:15	<a href="#">WG2506164</a>
Bromodichloromethane	ND		1.00	1	05/03/2025 21:15	<a href="#">WG2506164</a>
Bromoform	ND		1.00	1	05/03/2025 21:15	<a href="#">WG2506164</a>
Bromomethane	ND	<a href="#">J4</a>	5.00	1	05/03/2025 21:15	<a href="#">WG2506164</a>
n-Butylbenzene	ND		1.00	1	05/03/2025 21:15	<a href="#">WG2506164</a>
sec-Butylbenzene	ND		1.00	1	05/03/2025 21:15	<a href="#">WG2506164</a>
tert-Butylbenzene	ND		1.00	1	05/03/2025 21:15	<a href="#">WG2506164</a>

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Carbon tetrachloride	ND		1.00	1	05/03/2025 21:15	WG2506164
Chlorobenzene	ND		1.00	1	05/03/2025 21:15	WG2506164
Chlorodibromomethane	ND		1.00	1	05/03/2025 21:15	WG2506164
Chloroethane	ND		5.00	1	05/03/2025 21:15	WG2506164
Chloroform	ND		5.00	1	05/03/2025 21:15	WG2506164
Chloromethane	ND		2.50	1	05/03/2025 21:15	WG2506164
2-Chlorotoluene	ND		1.00	1	05/03/2025 21:15	WG2506164
4-Chlorotoluene	ND		1.00	1	05/03/2025 21:15	WG2506164
1,2-Dibromo-3-Chloropropane	ND	C3	5.00	1	05/03/2025 21:15	WG2506164
1,2-Dibromoethane	ND		1.00	1	05/03/2025 21:15	WG2506164
Dibromomethane	ND		1.00	1	05/03/2025 21:15	WG2506164
1,2-Dichlorobenzene	ND		1.00	1	05/03/2025 21:15	WG2506164
1,3-Dichlorobenzene	ND		1.00	1	05/03/2025 21:15	WG2506164
1,4-Dichlorobenzene	ND		1.00	1	05/03/2025 21:15	WG2506164
Dichlorodifluoromethane	ND		5.00	1	05/03/2025 21:15	WG2506164
1,1-Dichloroethane	ND		1.00	1	05/03/2025 21:15	WG2506164
1,2-Dichloroethane	ND		1.00	1	05/03/2025 21:15	WG2506164
1,1-Dichloroethene	ND		1.00	1	05/03/2025 21:15	WG2506164
cis-1,2-Dichloroethene	ND		1.00	1	05/03/2025 21:15	WG2506164
trans-1,2-Dichloroethene	ND		1.00	1	05/03/2025 21:15	WG2506164
1,2-Dichloropropane	ND		1.00	1	05/03/2025 21:15	WG2506164
1,1-Dichloropropene	ND		1.00	1	05/03/2025 21:15	WG2506164
1,3-Dichloropropane	ND		1.00	1	05/03/2025 21:15	WG2506164
cis-1,3-Dichloropropene	ND		1.00	1	05/03/2025 21:15	WG2506164
trans-1,3-Dichloropropene	ND		1.00	1	05/03/2025 21:15	WG2506164
2,2-Dichloropropane	ND	C3	1.00	1	05/03/2025 21:15	WG2506164
Di-isopropyl ether	ND		1.00	1	05/03/2025 21:15	WG2506164
Ethylbenzene	ND		1.00	1	05/03/2025 21:15	WG2506164
Hexachloro-1,3-butadiene	ND		1.00	1	05/03/2025 21:15	WG2506164
Isopropylbenzene	ND		1.00	1	05/03/2025 21:15	WG2506164
p-Isopropyltoluene	ND		1.00	1	05/03/2025 21:15	WG2506164
2-Butanone (MEK)	ND		10.0	1	05/03/2025 21:15	WG2506164
Methylene Chloride	ND		5.00	1	05/03/2025 21:15	WG2506164
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/03/2025 21:15	WG2506164
Methyl tert-butyl ether	ND		1.00	1	05/03/2025 21:15	WG2506164
Naphthalene	ND	C3 J4	5.00	1	05/03/2025 21:15	WG2506164
n-Propylbenzene	ND		1.00	1	05/03/2025 21:15	WG2506164
Styrene	ND		1.00	1	05/03/2025 21:15	WG2506164
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/03/2025 21:15	WG2506164
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/03/2025 21:15	WG2506164
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/03/2025 21:15	WG2506164
Tetrachloroethene	ND		1.00	1	05/03/2025 21:15	WG2506164
Toluene	ND		1.00	1	05/03/2025 21:15	WG2506164
1,2,3-Trichlorobenzene	ND	C3	1.00	1	05/03/2025 21:15	WG2506164
1,2,4-Trichlorobenzene	ND	C3	1.00	1	05/03/2025 21:15	WG2506164
1,1,1-Trichloroethane	ND		1.00	1	05/03/2025 21:15	WG2506164
1,1,2-Trichloroethane	ND		1.00	1	05/03/2025 21:15	WG2506164
Trichloroethene	ND		1.00	1	05/03/2025 21:15	WG2506164
Trichlorofluoromethane	ND		5.00	1	05/03/2025 21:15	WG2506164
1,2,3-Trichloropropane	ND		2.50	1	05/03/2025 21:15	WG2506164
1,2,4-Trimethylbenzene	ND		1.00	1	05/03/2025 21:15	WG2506164
1,2,3-Trimethylbenzene	ND		1.00	1	05/03/2025 21:15	WG2506164
1,3,5-Trimethylbenzene	ND		1.00	1	05/03/2025 21:15	WG2506164
Vinyl chloride	ND		1.00	1	05/03/2025 21:15	WG2506164
Xylenes, Total	ND		3.00	1	05/03/2025 21:15	WG2506164
(S) Toluene-d8	99.9		80.0-120		05/03/2025 21:15	WG2506164



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
(S) 4-Bromofluorobenzene	95.6		77.0-126		05/03/2025 21:15	<a href="#">WG2506164</a>
(S) 1,2-Dichloroethane-d4	102		70.0-130		05/03/2025 21:15	<a href="#">WG2506164</a>

## Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	417		200	2	05/04/2025 00:25	<a href="#">WG2506166</a>
C28-C36 Motor Oil Range	570		200	2	05/04/2025 00:25	<a href="#">WG2506166</a>
(S) o-Terphenyl	116		52.0-156		05/04/2025 00:25	<a href="#">WG2506166</a>

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acenaphthene	ND		1.00	1	05/04/2025 08:01	<a href="#">WG2506165</a>
Acenaphthylene	ND		1.00	1	05/04/2025 08:01	<a href="#">WG2506165</a>
Anthracene	ND		1.00	1	05/04/2025 08:01	<a href="#">WG2506165</a>
Benidine	ND	<a href="#">C7 J4</a>	10.0	1	05/04/2025 08:01	<a href="#">WG2506165</a>
Benzo(a)anthracene	ND		1.00	1	05/04/2025 08:01	<a href="#">WG2506165</a>
Benzo(b)fluoranthene	ND		1.00	1	05/04/2025 08:01	<a href="#">WG2506165</a>
Benzo(k)fluoranthene	ND		1.00	1	05/04/2025 08:01	<a href="#">WG2506165</a>
Benzo(g,h,i)perylene	ND		1.00	1	05/04/2025 08:01	<a href="#">WG2506165</a>
Benzo(a)pyrene	ND		1.00	1	05/04/2025 08:01	<a href="#">WG2506165</a>
Bis(2-chlorethoxy)methane	ND		10.0	1	05/04/2025 08:01	<a href="#">WG2506165</a>
Bis(2-chloroethyl)ether	ND		10.0	1	05/04/2025 08:01	<a href="#">WG2506165</a>
2,2-Oxybis(1-Chloropropane)	ND		10.0	1	05/04/2025 08:01	<a href="#">WG2506165</a>
4-Bromophenyl-phenylether	ND		10.0	1	05/04/2025 08:01	<a href="#">WG2506165</a>
2-Chloronaphthalene	ND		1.00	1	05/04/2025 08:01	<a href="#">WG2506165</a>
4-Chlorophenyl-phenylether	ND		10.0	1	05/04/2025 08:01	<a href="#">WG2506165</a>
Chrysene	ND		1.00	1	05/04/2025 08:01	<a href="#">WG2506165</a>
Dibenz(a,h)anthracene	ND		1.00	1	05/04/2025 08:01	<a href="#">WG2506165</a>
1,2-Dichlorobenzene	ND		10.0	1	05/04/2025 08:01	<a href="#">WG2506165</a>
1,3-Dichlorobenzene	ND		10.0	1	05/04/2025 08:01	<a href="#">WG2506165</a>
1,4-Dichlorobenzene	ND		10.0	1	05/04/2025 08:01	<a href="#">WG2506165</a>
3,3-Dichlorobenzidine	ND		10.0	1	05/04/2025 08:01	<a href="#">WG2506165</a>
2,4-Dinitrotoluene	ND		10.0	1	05/04/2025 08:01	<a href="#">WG2506165</a>
2,6-Dinitrotoluene	ND		10.0	1	05/04/2025 08:01	<a href="#">WG2506165</a>
Fluoranthene	ND		1.00	1	05/04/2025 08:01	<a href="#">WG2506165</a>
Fluorene	ND		1.00	1	05/04/2025 08:01	<a href="#">WG2506165</a>
Hexachlorobenzene	ND		1.00	1	05/04/2025 08:01	<a href="#">WG2506165</a>
Hexachloro-1,3-butadiene	ND		10.0	1	05/04/2025 08:01	<a href="#">WG2506165</a>
Hexachlorocyclopentadiene	ND	<a href="#">C7</a>	10.0	1	05/04/2025 08:01	<a href="#">WG2506165</a>
Hexachloroethane	ND		10.0	1	05/04/2025 08:01	<a href="#">WG2506165</a>
Indeno(1,2,3-cd)pyrene	ND		1.00	1	05/04/2025 08:01	<a href="#">WG2506165</a>
Isophorone	ND		10.0	1	05/04/2025 08:01	<a href="#">WG2506165</a>
1-Methylnaphthalene	ND		1.00	1	05/04/2025 08:01	<a href="#">WG2506165</a>
2-Methylnaphthalene	ND		1.00	1	05/04/2025 08:01	<a href="#">WG2506165</a>
Naphthalene	ND		1.00	1	05/04/2025 08:01	<a href="#">WG2506165</a>
Nitrobenzene	ND		10.0	1	05/04/2025 08:01	<a href="#">WG2506165</a>
n-Nitrosodimethylamine	ND		10.0	1	05/04/2025 08:01	<a href="#">WG2506165</a>
n-Nitrosodiphenylamine	ND		10.0	1	05/04/2025 08:01	<a href="#">WG2506165</a>
n-Nitrosodi-n-propylamine	ND		10.0	1	05/04/2025 08:01	<a href="#">WG2506165</a>
Phenanthrene	ND		1.00	1	05/04/2025 08:01	<a href="#">WG2506165</a>
Benzylbutyl phthalate	ND		3.00	1	05/04/2025 08:01	<a href="#">WG2506165</a>
Bis(2-ethylhexyl)phthalate	ND		3.00	1	05/04/2025 08:01	<a href="#">WG2506165</a>
Di-n-butyl phthalate	ND		3.00	1	05/04/2025 08:01	<a href="#">WG2506165</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Diethyl phthalate	ND		3.00	1	05/04/2025 08:01	<a href="#">WG2506165</a>
Dimethyl phthalate	ND		3.00	1	05/04/2025 08:01	<a href="#">WG2506165</a>
Di-n-octyl phthalate	ND		3.00	1	05/04/2025 08:01	<a href="#">WG2506165</a>
Pyrene	ND		1.00	1	05/04/2025 08:01	<a href="#">WG2506165</a>
1,2,4-Trichlorobenzene	ND		10.0	1	05/04/2025 08:01	<a href="#">WG2506165</a>
4-Chloro-3-methylphenol	ND		10.0	1	05/04/2025 08:01	<a href="#">WG2506165</a>
2-Chlorophenol	ND		10.0	1	05/04/2025 08:01	<a href="#">WG2506165</a>
2,4-Dichlorophenol	ND		10.0	1	05/04/2025 08:01	<a href="#">WG2506165</a>
2,4-Dimethylphenol	ND		10.0	1	05/04/2025 08:01	<a href="#">WG2506165</a>
4,6-Dinitro-2-methylphenol	ND		10.0	1	05/04/2025 08:01	<a href="#">WG2506165</a>
2,4-Dinitrophenol	ND		10.0	1	05/04/2025 08:01	<a href="#">WG2506165</a>
2-Nitrophenol	ND		10.0	1	05/04/2025 08:01	<a href="#">WG2506165</a>
4-Nitrophenol	ND		10.0	1	05/04/2025 08:01	<a href="#">WG2506165</a>
Pentachlorophenol	ND		10.0	1	05/04/2025 08:01	<a href="#">WG2506165</a>
Phenol	ND		10.0	1	05/04/2025 08:01	<a href="#">WG2506165</a>
2,4,6-Trichlorophenol	ND		10.0	1	05/04/2025 08:01	<a href="#">WG2506165</a>
(S) 2-Fluorophenol	32.8		10.0-120		05/04/2025 08:01	<a href="#">WG2506165</a>
(S) Phenol-d5	25.6		10.0-120		05/04/2025 08:01	<a href="#">WG2506165</a>
(S) Nitrobenzene-d5	68.3		10.0-127		05/04/2025 08:01	<a href="#">WG2506165</a>
(S) 2-Fluorobiphenyl	51.9		10.0-130		05/04/2025 08:01	<a href="#">WG2506165</a>
(S) 2,4,6-Tribromophenol	65.8		10.0-155		05/04/2025 08:01	<a href="#">WG2506165</a>
(S) p-Terphenyl-d14	45.9		10.0-128		05/04/2025 08:01	<a href="#">WG2506165</a>

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	05/03/2025 21:36	<a href="#">WG2506164</a>
Acrolein	ND		50.0	1	05/03/2025 21:36	<a href="#">WG2506164</a>
Acrylonitrile	ND		10.0	1	05/03/2025 21:36	<a href="#">WG2506164</a>
Benzene	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
Bromobenzene	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
Bromodichloromethane	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
Bromoform	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
Bromomethane	ND	<a href="#">J4</a>	5.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
n-Butylbenzene	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
sec-Butylbenzene	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
tert-Butylbenzene	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
Carbon tetrachloride	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
Chlorobenzene	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
Chlorodibromomethane	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
Chloroethane	ND		5.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
Chloroform	ND		5.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
Chloromethane	ND		2.50	1	05/03/2025 21:36	<a href="#">WG2506164</a>
2-Chlorotoluene	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
4-Chlorotoluene	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
1,2-Dibromo-3-Chloropropane	ND	<a href="#">C3</a>	5.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
1,2-Dibromoethane	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
Dibromomethane	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
1,2-Dichlorobenzene	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
1,3-Dichlorobenzene	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
1,4-Dichlorobenzene	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
Dichlorodifluoromethane	ND		5.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
1,1-Dichloroethane	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
1,2-Dichloroethane	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
1,1-Dichloroethene	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
cis-1,2-Dichloroethene	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
trans-1,2-Dichloroethene	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
1,2-Dichloropropane	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
1,1-Dichloropropene	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
1,3-Dichloropropane	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
cis-1,3-Dichloropropene	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
trans-1,3-Dichloropropene	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
2,2-Dichloropropane	ND	<a href="#">C3</a>	1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
Di-isopropyl ether	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
Ethylbenzene	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
Hexachloro-1,3-butadiene	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
Isopropylbenzene	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
p-Isopropyltoluene	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
2-Butanone (MEK)	ND		10.0	1	05/03/2025 21:36	<a href="#">WG2506164</a>
Methylene Chloride	ND		5.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	05/03/2025 21:36	<a href="#">WG2506164</a>
Methyl tert-butyl ether	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
Naphthalene	ND	<a href="#">C3 J4</a>	5.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
n-Propylbenzene	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
Styrene	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
1,1,1,2-Tetrachloroethane	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
1,1,2,2-Tetrachloroethane	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
Tetrachloroethene	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
Toluene	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
1,2,3-Trichlorobenzene	ND	<a href="#">C3</a>	1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
1,2,4-Trichlorobenzene	ND	<a href="#">C3</a>	1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
1,1,2-Trichloroethane	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
Trichloroethene	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
Trichlorofluoromethane	ND		5.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
1,2,3-Trichloropropane	ND		2.50	1	05/03/2025 21:36	<a href="#">WG2506164</a>
1,2,4-Trimethylbenzene	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
1,2,3-Trimethylbenzene	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
1,3,5-Trimethylbenzene	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
Vinyl chloride	ND		1.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
Xylenes, Total	ND		3.00	1	05/03/2025 21:36	<a href="#">WG2506164</a>
(S) Toluene-d8	99.2		80.0-120		05/03/2025 21:36	<a href="#">WG2506164</a>
(S) 4-Bromofluorobenzene	95.4		77.0-126		05/03/2025 21:36	<a href="#">WG2506164</a>
(S) 1,2-Dichloroethane-d4	102		70.0-130		05/03/2025 21:36	<a href="#">WG2506164</a>

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4209841-1 05/04/25 09:46

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
Dissolved Solids	U		10000	10000

L1854767-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1854767-01 05/04/25 09:46 • (DUP) R4209841-3 05/04/25 09:46

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Dissolved Solids	2690000	2720000	1	1.11		10

L1854767-23 Original Sample (OS) • Duplicate (DUP)

(OS) L1854767-23 05/04/25 09:46 • (DUP) R4209841-4 05/04/25 09:46

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Dissolved Solids	829000	829000	1	0.000		10

Laboratory Control Sample (LCS)

(LCS) R4209841-2 05/04/25 09:46

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Dissolved Solids	8800000	8530000	96.9	90.0-110	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4209446-1 05/03/25 18:30

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
Suspended Solids	U		283	2500

L1854767-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1854767-03 05/03/25 18:30 • (DUP) R4209446-3 05/03/25 18:30

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Suspended Solids	8000	8200	1	2.47		10

L1854767-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1854767-07 05/03/25 18:30 • (DUP) R4209446-4 05/03/25 18:30

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Suspended Solids	6600	6200	1	6.25		10

Laboratory Control Sample (LCS)

(LCS) R4209446-2 05/03/25 18:30

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Suspended Solids	773000	828000	107	85.0-115	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4210461-1 05/06/25 13:25

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Hardness (colorimetric) as CaCO3	U		10600	30000

Laboratory Control Sample (LCS)

(LCS) R4210461-2 05/06/25 13:26

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Hardness (colorimetric) as CaCO3	200000	202000	101	85.0-115	

L1853400-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1853400-01 05/06/25 13:27 • (MS) R4210461-3 05/06/25 13:29 • (MSD) R4210461-4 05/06/25 13:30

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 %
Hardness (colorimetric) as CaCO3	200000	60500	269000	270000	104	105	1	80.0-120			0.371	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4209414-2 05/03/25 09:18

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
Alkalinity	4970	⬇	4750	20000

Sample Narrative:  
BLANK: Endpoint pH 4.5

L1854602-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1854602-01 05/03/25 16:39 • (DUP) R4209414-4 05/03/25 16:47

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Alkalinity	156000	152000	1	2.47		20

Sample Narrative:  
OS: Endpoint pH 4.5 Headspace  
DUP: Endpoint pH 4.5 Headspace

L1854767-23 Original Sample (OS) • Duplicate (DUP)

(OS) L1854767-23 05/03/25 20:37 • (DUP) R4209414-6 05/03/25 21:14

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Alkalinity	412000	427000	1	3.56		20

Sample Narrative:  
OS: Endpoint pH 4.5 Headspace  
DUP: Endpoint pH 4.5 Headspace

L1855972-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1855972-01 05/03/25 20:37 • (DUP) R4209414-8 05/03/25 21:14

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Alkalinity	412000	427000	1	3.56		20

Sample Narrative:  
OS: Endpoint pH 4.5 Headspace  
DUP: Endpoint pH 4.5

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Laboratory Control Sample (LCS)

(LCS) R4209414-1 05/03/25 09:11

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Alkalinity	100000	106000	106	90.0-110	

Sample Narrative:  
LCS: Endpoint pH 4.5

<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) R4209553-1 05/03/25 17:31

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Bromide	U		680	1000
Chloride	U		547	1000
Fluoride	U		76.1	150
Nitrate as (N)	U		88.4	100
Nitrite as (N)	U		79.4	100
Sulfate	U		637	5000

L1854767-21 Original Sample (OS) • Duplicate (DUP)

(OS) L1854767-21 05/03/25 22:57 • (DUP) R4209553-3 05/03/25 23:10

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Bromide	ND	ND	1	0.000		15
Chloride	ND	ND	1	0.000		15
Fluoride	ND	ND	1	0.000		15
Nitrate as (N)	ND	ND	1	0.000		15
Nitrite as (N)	ND	ND	1	0.000		15
Sulfate	ND	ND	1	0.000		15

L1854767-23 Original Sample (OS) • Duplicate (DUP)

(OS) L1854767-23 05/03/25 23:48 • (DUP) R4209553-6 05/04/25 00:13

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Bromide	ND	ND	1	0.000		15
Chloride	63500	63800	1	0.467		15
Fluoride	952	936	1	1.64		15
Nitrate as (N)	ND	ND	1	0.000		15
Nitrite as (N)	ND	ND	1	0.000		15

L1854767-23 Original Sample (OS) • Duplicate (DUP)

(OS) L1854767-23 05/04/25 00:00 • (DUP) R4209553-7 05/04/25 00:25

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Sulfate	394000	393000	10	0.204		15

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

L1855972-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1855972-01 05/03/25 23:48 • (DUP) R4209553-9 05/04/25 00:13

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Bromide	ND	ND	1	0.000		15
Chloride	63500	63800	1	0.467		15
Fluoride	952	936	1	1.64		15
Nitrate as (N)	ND	ND	1	0.000		15
Nitrite as (N)	ND	ND	1	0.000		15

L1855972-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1855972-01 05/04/25 00:00 • (DUP) R4209553-10 05/04/25 00:25

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Sulfate	394000	393000	10	0.204		15

Laboratory Control Sample (LCS)

(LCS) R4209553-2 05/03/25 17:43

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Bromide	40000	38700	96.8	90.0-110	
Chloride	40000	37500	93.7	90.0-110	
Fluoride	8000	7600	95.0	90.0-110	
Nitrate as (N)	8000	7660	95.8	90.0-110	
Nitrite as (N)	8000	7930	99.2	90.0-110	
Sulfate	40000	38300	95.8	90.0-110	

L1854767-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1854767-21 05/03/25 22:57 • (MS) R4209553-4 05/03/25 23:23 • (MSD) R4209553-5 05/03/25 23:35

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Bromide	40000	ND	39000	39400	97.4	98.5	1	90.0-110			1.16	15
Chloride	40000	ND	37800	38200	94.4	95.4	1	90.0-110			1.07	15
Fluoride	8000	ND	7680	7780	96.0	97.2	1	90.0-110			1.31	15
Nitrate as (N)	8000	ND	7710	7780	96.4	97.3	1	90.0-110			0.919	15
Nitrite as (N)	8000	ND	8020	8160	100	102	1	90.0-110			1.69	15
Sulfate	40000	ND	38500	38900	96.3	97.3	1	90.0-110			1.10	15

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

L1854767-23 Original Sample (OS) • Matrix Spike (MS)

(OS) L1854767-23 05/03/25 23:48 • (MS) R4209553-8 05/04/25 00:38

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Bromide	40000	ND	31900	79.7	1	90.0-110	J6
Chloride	40000	63500	88400	62.3	1	90.0-110	J6
Fluoride	8000	952	8830	98.5	1	90.0-110	
Nitrate as (N)	8000	ND	7810	97.7	1	90.0-110	
Nitrite as (N)	8000	ND	8580	107	1	90.0-110	
Sulfate	40000	392000	321000	0.000	1	90.0-110	E V

L1855972-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1855972-01 05/03/25 23:48 • (MS) R4209553-11 05/04/25 00:38

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Bromide	40000	ND	31900	79.7	1	90.0-110	J6
Chloride	40000	63500	88400	62.3	1	90.0-110	J6
Fluoride	8000	952	8830	98.5	1	90.0-110	
Nitrate as (N)	8000	ND	7810	97.7	1	90.0-110	
Nitrite as (N)	8000	ND	8580	107	1	90.0-110	
Sulfate	40000	392000	321000	0.000	1	90.0-110	E V

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4209388-1 05/03/25 18:38

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
MBAS	U		19.0	100

L1854338-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1854338-01 05/03/25 18:43 • (DUP) R4209388-3 05/03/25 18:43

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
MBAS	209	206	1	1.45		20

L1854767-23 Original Sample (OS) • Duplicate (DUP)

(OS) L1854767-23 05/03/25 19:09 • (DUP) R4209388-6 05/03/25 19:09

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
MBAS	160	161	1	0.623		20

Laboratory Control Sample (LCS)

(LCS) R4209388-2 05/03/25 18:38

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
MBAS	1000	999	99.9	85.0-115	

L1854767-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1854767-21 05/03/25 19:08 • (MS) R4209388-4 05/03/25 19:08 • (MSD) R4209388-5 05/03/25 19:08

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
MBAS	1000	ND	1100	1060	110	106	1	85.0-115			3.78	20

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4209619-1 05/04/25 23:21

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
Hexavalent Chromium	U		0.100	0.500

L1854767-21 Original Sample (OS) • Duplicate (DUP)

(OS) L1854767-21 05/05/25 00:10 • (DUP) R4209619-5 05/05/25 00:20

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Hexavalent Chromium	ND	ND	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R4209619-2 05/04/25 23:31

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Hexavalent Chromium	2.00	1.98	98.9	90.0-110	

L1854767-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1854767-19 05/04/25 23:41 • (MS) R4209619-3 05/04/25 23:50 • (MSD) R4209619-4 05/05/25 00:00

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Hexavalent Chromium	50.0	ND	48.2	48.5	96.4	97.1	1	90.0-110			0.725	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

L1854500-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1854500-04 05/03/25 17:22 • (DUP) R4209405-2 05/03/25 17:22

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	su	su		%		%
pH	8.30	8.29	1	0.121		1

Sample Narrative:

OS: 8.3 at 20.2C

DUP: 8.29 at 20.2C

<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

L1854767-23 Original Sample (OS) • Duplicate (DUP)

(OS) L1854767-23 05/03/25 17:22 • (DUP) R4209405-3 05/03/25 17:22

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	su	su		%		%
pH	9.14	9.14	1	0.000		1

Sample Narrative:

OS: 9.14 at 20.1C

DUP: 9.14 at 20.3C

Laboratory Control Sample (LCS)

(LCS) R4209405-1 05/03/25 17:22

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
Analyte	su	su	%	%	
pH	10.0	9.99	99.9	99.0-101	

Sample Narrative:

LCS: 9.99 at 19.9C

Method Blank (MB)

(MB) R4209416-1 05/03/25 20:46

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
Mercury	U		0.0700	0.200

Laboratory Control Sample (LCS)

(LCS) R4209416-2 05/03/25 20:48

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Mercury	3.00	3.05	102	80.0-120	

L1854767-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1854767-01 05/03/25 20:51 • (MS) R4209416-4 05/03/25 21:01 • (MSD) R4209416-5 05/03/25 21:04

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Mercury	3.00	ND	2.92	2.98	97.4	99.4	1	75.0-125			2.02	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4209481-1 05/04/25 11:16

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Aluminum	U		16.0	100
Antimony	U		0.310	4.00
Arsenic	U		0.120	2.00
Barium	U		0.500	2.00
Beryllium	U		0.200	2.00
Cadmium	U		0.120	1.00
Calcium	U		92.5	1000
Chromium	U		0.900	2.00
Copper	U		0.700	5.00
Cobalt	U		0.100	2.00
Iron	U		22.6	100
Lead	U		0.500	2.00
Magnesium	U		82.7	1000
Manganese	U		0.700	5.00
Nickel	U		0.500	2.00
Potassium	U		96.5	2000
Selenium	U		0.250	2.00
Silver	U		0.110	2.00
Sodium	U		142	2000
Thallium	U		0.130	2.00
Vanadium	U		0.520	5.00
Zinc	U		4.00	25.0

<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) R4209529-1 05/04/25 16:30

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Boron	U		9.03	30.0

Laboratory Control Sample (LCS)

(LCS) R4209481-2 05/04/25 11:19

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aluminum	1000	980	98.0	80.0-120	
Antimony	50.0	51.8	104	80.0-120	
Arsenic	50.0	47.1	94.1	80.0-120	
Barium	50.0	46.5	93.0	80.0-120	

Laboratory Control Sample (LCS)

(LCS) R4209481-2 05/04/25 11:19

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Beryllium	50.0	47.5	95.0	80.0-120	
Cadmium	50.0	48.3	96.7	80.0-120	
Calcium	5000	4800	96.0	80.0-120	
Chromium	50.0	48.3	96.5	80.0-120	
Copper	50.0	48.5	97.0	80.0-120	
Cobalt	50.0	48.6	97.2	80.0-120	
Iron	1000	949	94.9	80.0-120	
Lead	50.0	46.9	93.8	80.0-120	
Magnesium	5000	4780	95.6	80.0-120	
Manganese	50.0	48.6	97.2	80.0-120	
Nickel	50.0	48.9	97.8	80.0-120	
Potassium	5000	4760	95.1	80.0-120	
Selenium	50.0	46.0	92.0	80.0-120	
Silver	50.0	48.5	97.0	80.0-120	
Sodium	5000	4830	96.5	80.0-120	
Thallium	50.0	46.0	92.1	80.0-120	
Vanadium	50.0	47.8	95.6	80.0-120	
Zinc	50.0	47.1	94.2	80.0-120	

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Laboratory Control Sample (LCS)

(LCS) R4209529-2 05/04/25 16:33

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Boron	50.0	46.1	92.2	80.0-120	

L1854767-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1854767-01 05/04/25 11:23 • (MS) R4209481-4 05/04/25 11:29 • (MSD) R4209481-5 05/04/25 11:32

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD %	RPD Limits %
Aluminum	1000	163	1150	1120	98.6	96.2	1	75.0-125			2.17	20
Antimony	50.0	ND	54.9	55.2	110	110	1	75.0-125			0.510	20
Arsenic	50.0	ND	49.5	49.4	96.0	95.7	1	75.0-125			0.229	20
Barium	50.0	31.2	80.7	82.7	99.1	103	1	75.0-125			2.45	20
Beryllium	50.0	ND	46.7	46.7	93.4	93.5	1	75.0-125			0.0808	20
Cadmium	50.0	ND	49.0	49.0	97.9	98.0	1	75.0-125			0.111	20
Calcium	5000	241000	261000	261000	389	396	1	75.0-125	V	V	0.131	20
Chromium	50.0	ND	48.7	48.7	97.4	97.3	1	75.0-125			0.0505	20

L1854767-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1854767-01 05/04/25 11:23 • (MS) R4209481-4 05/04/25 11:29 • (MSD) R4209481-5 05/04/25 11:32

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 %
Copper	50.0	ND	51.0	51.7	93.4	94.7	1	75.0-125			1.30	20
Cobalt	50.0	ND	48.8	48.8	95.6	95.6	1	75.0-125			0.0389	20
Iron	1000	178	1130	1110	94.9	93.6	1	75.0-125			1.14	20
Lead	50.0	ND	47.7	48.1	95.5	96.2	1	75.0-125			0.724	20
Magnesium	5000	165000	182000	181000	353	333	1	75.0-125	V	V	0.554	20
Manganese	50.0	637	727	721	181	168	1	75.0-125	V	V	0.864	20
Nickel	50.0	3.25	50.3	51.0	94.1	95.5	1	75.0-125			1.38	20
Potassium	5000	8870	14300	14300	109	108	1	75.0-125			0.0572	20
Selenium	50.0	7.00	57.4	57.1	101	100	1	75.0-125			0.564	20
Silver	50.0	ND	48.5	48.9	96.9	97.8	1	75.0-125			0.934	20
Sodium	5000	275000	297000	299000	443	489	1	75.0-125	V	V	0.777	20
Thallium	50.0	ND	46.8	47.7	93.5	95.4	1	75.0-125			1.94	20
Vanadium	50.0	ND	50.6	51.0	97.3	98.0	1	75.0-125			0.752	20
Zinc	50.0	ND	47.2	49.3	94.4	98.6	1	75.0-125			4.44	20

L1854767-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1854767-01 05/04/25 16:37 • (MS) R4209529-4 05/04/25 16:43 • (MSD) R4209529-5 05/04/25 16:46

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 %
Boron	50.0	417	489	520	146	206	5	75.0-125	V	V	5.99	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4209525-1 05/04/25 13:44

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Aluminum,Dissolved	U		16.0	100
Arsenic,Dissolved	U		0.120	2.00
Cadmium,Dissolved	U		0.120	1.00
Chromium,Dissolved	U		0.900	2.00
Copper,Dissolved	U		0.700	5.00
Lead,Dissolved	U		0.500	2.00
Manganese,Dissolved	U		0.700	5.00
Nickel,Dissolved	U		0.500	2.00
Selenium,Dissolved	U		0.250	2.00
Silver,Dissolved	U		0.110	2.00
Zinc,Dissolved	U		4.00	25.0

<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) R4209525-2 05/04/25 13:47

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aluminum,Dissolved	1000	978	97.8	80.0-120	
Arsenic,Dissolved	50.0	47.2	94.4	80.0-120	
Cadmium,Dissolved	50.0	49.5	99.1	80.0-120	
Chromium,Dissolved	50.0	49.0	97.9	80.0-120	
Copper,Dissolved	50.0	49.0	97.9	80.0-120	
Lead,Dissolved	50.0	47.6	95.2	80.0-120	
Manganese,Dissolved	50.0	48.4	96.7	80.0-120	
Nickel,Dissolved	50.0	49.3	98.5	80.0-120	
Selenium,Dissolved	50.0	48.4	96.7	80.0-120	
Silver,Dissolved	50.0	48.9	97.8	80.0-120	
Zinc,Dissolved	50.0	46.9	93.8	80.0-120	

L1854767-23 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1854767-23 05/04/25 13:50 • (MS) R4209525-4 05/04/25 13:57 • (MSD) R4209525-5 05/04/25 14:00

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 %
Aluminum,Dissolved	1000	ND	941	949	92.4	93.2	1	75.0-125			0.860	20
Arsenic,Dissolved	50.0	5.29	51.5	52.9	92.5	95.2	1	75.0-125			2.57	20
Cadmium,Dissolved	50.0	ND	47.9	50.0	95.8	100	1	75.0-125			4.26	20
Chromium,Dissolved	50.0	ND	46.8	49.1	93.6	98.1	1	75.0-125			4.66	20
Copper,Dissolved	50.0	ND	48.9	50.3	95.9	98.7	1	75.0-125			2.88	20

L1854767-23 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1854767-23 05/04/25 13:50 • (MS) R4209525-4 05/04/25 13:57 • (MSD) R4209525-5 05/04/25 14:00

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 %
Lead,Dissolved	50.0	ND	46.3	47.5	92.6	95.0	1	75.0-125			2.50	20
Manganese,Dissolved	50.0	18.5	64.0	66.9	91.0	96.8	1	75.0-125			4.43	20
Nickel,Dissolved	50.0	3.54	50.6	51.7	94.0	96.3	1	75.0-125			2.20	20
Selenium,Dissolved	50.0	ND	46.9	51.8	90.9	101	1	75.0-125			9.83	20
Silver,Dissolved	50.0	ND	47.5	48.9	95.1	97.9	1	75.0-125			2.90	20
Zinc,Dissolved	50.0	ND	45.9	47.1	91.8	94.1	1	75.0-125			2.55	20

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Method Blank (MB)

(MB) R4209458-2 05/03/25 12:38

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TPH (GC/FID) Low Fraction	U		31.4	100
(S) a,a,a-Trifluorotoluene(FID)	102			78.0-120

Laboratory Control Sample (LCS)

(LCS) R4209458-1 05/03/25 11:33

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5000	5570	111	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			105	78.0-120	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4209450-3 05/03/25 15:34

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) R4209450-3 05/03/25 15:34

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	101			80.0-120
(S) 4-Bromofluorobenzene	93.9			77.0-126
(S) 1,2-Dichloroethane-d4	101			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) R4209450-1 05/03/25 14:31 • (LCSD) R4209450-2 05/03/25 14:52

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	28.4	29.6	114	118	19.0-160			4.14	27
Acrolein	25.0	21.9	22.6	87.6	90.4	10.0-160			3.15	26
Acrylonitrile	25.0	22.3	23.0	89.2	92.0	55.0-149			3.09	20
Benzene	5.00	4.56	4.54	91.2	90.8	70.0-123			0.440	20

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

(LCS) R4209450-1 05/03/25 14:31 • (LCSD) R4209450-2 05/03/25 14:52

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Bromobenzene	5.00	4.08	3.94	81.6	78.8	73.0-121			3.49	20
Bromodichloromethane	5.00	4.12	4.15	82.4	83.0	75.0-120			0.726	20
Bromoform	5.00	4.04	4.24	80.8	84.8	68.0-132			4.83	20
Bromomethane	5.00	8.01	8.36	160	167	10.0-160		J4	4.28	25
n-Butylbenzene	5.00	4.07	3.90	81.4	78.0	73.0-125			4.27	20
sec-Butylbenzene	5.00	4.08	4.01	81.6	80.2	75.0-125			1.73	20
tert-Butylbenzene	5.00	4.10	4.08	82.0	81.6	76.0-124			0.489	20
Carbon tetrachloride	5.00	4.31	4.40	86.2	88.0	68.0-126			2.07	20
Chlorobenzene	5.00	4.51	4.61	90.2	92.2	80.0-121			2.19	20
Chlorodibromomethane	5.00	4.21	4.37	84.2	87.4	77.0-125			3.73	20
Chloroethane	5.00	4.34	4.45	86.8	89.0	47.0-150			2.50	20
Chloroform	5.00	4.25	4.32	85.0	86.4	73.0-120			1.63	20
Chloromethane	5.00	4.66	4.63	93.2	92.6	41.0-142			0.646	20
2-Chlorotoluene	5.00	4.21	4.12	84.2	82.4	76.0-123			2.16	20
4-Chlorotoluene	5.00	4.15	4.05	83.0	81.0	75.0-122			2.44	20
1,2-Dibromo-3-Chloropropane	5.00	3.64	3.80	72.8	76.0	58.0-134			4.30	20
1,2-Dibromoethane	5.00	4.29	4.51	85.8	90.2	80.0-122			5.00	20
Dibromomethane	5.00	4.64	4.51	92.8	90.2	80.0-120			2.84	20
1,2-Dichlorobenzene	5.00	4.51	4.38	90.2	87.6	79.0-121			2.92	20
1,3-Dichlorobenzene	5.00	4.41	4.25	88.2	85.0	79.0-120			3.70	20
1,4-Dichlorobenzene	5.00	4.20	4.12	84.0	82.4	79.0-120			1.92	20
Dichlorodifluoromethane	5.00	4.53	4.49	90.6	89.8	51.0-149			0.887	20
1,1-Dichloroethane	5.00	4.39	4.42	87.8	88.4	70.0-126			0.681	20
1,2-Dichloroethane	5.00	4.78	4.82	95.6	96.4	70.0-128			0.833	20
1,1-Dichloroethene	5.00	4.20	3.93	84.0	78.6	71.0-124			6.64	20
cis-1,2-Dichloroethene	5.00	4.35	4.46	87.0	89.2	73.0-120			2.50	20
trans-1,2-Dichloroethene	5.00	4.22	4.38	84.4	87.6	73.0-120			3.72	20
1,2-Dichloropropane	5.00	4.59	4.49	91.8	89.8	77.0-125			2.20	20
1,1-Dichloropropene	5.00	4.22	4.17	84.4	83.4	74.0-126			1.19	20
1,3-Dichloropropane	5.00	4.33	4.37	86.6	87.4	80.0-120			0.920	20
cis-1,3-Dichloropropene	5.00	4.11	4.29	82.2	85.8	80.0-123			4.29	20
trans-1,3-Dichloropropene	5.00	4.04	4.14	80.8	82.8	78.0-124			2.44	20
2,2-Dichloropropane	5.00	3.81	3.89	76.2	77.8	58.0-130			2.08	20
Di-isopropyl ether	5.00	4.59	4.69	91.8	93.8	58.0-138			2.16	20
Ethylbenzene	5.00	4.40	4.45	88.0	89.0	79.0-123			1.13	20
Hexachloro-1,3-butadiene	5.00	4.48	4.34	89.6	86.8	54.0-138			3.17	20
Isopropylbenzene	5.00	4.14	4.23	82.8	84.6	76.0-127			2.15	20
p-Isopropyltoluene	5.00	4.34	4.24	86.8	84.8	76.0-125			2.33	20
2-Butanone (MEK)	25.0	26.0	26.9	104	108	44.0-160			3.40	20
Methylene Chloride	5.00	4.22	4.30	84.4	86.0	67.0-120			1.88	20

1  
Cp

2  
Tc

3  
Ss

4  
Cn

5  
Sr

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Qc

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Gl

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Al

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Sc

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

(LCS) R4209450-1 05/03/25 14:31 • (LCSD) R4209450-2 05/03/25 14:52

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
4-Methyl-2-pentanone (MIBK)	25.0	21.7	22.2	86.8	88.8	68.0-142			2.28	20
Methyl tert-butyl ether	5.00	4.70	4.67	94.0	93.4	68.0-125			0.640	20
Naphthalene	5.00	2.67	2.84	53.4	56.8	54.0-135	J4		6.17	20
n-Propylbenzene	5.00	4.31	4.16	86.2	83.2	77.0-124			3.54	20
Styrene	5.00	4.25	4.39	85.0	87.8	73.0-130			3.24	20
1,1,1,2-Tetrachloroethane	5.00	4.24	4.09	84.8	81.8	75.0-125			3.60	20
1,1,2,2-Tetrachloroethane	5.00	4.03	4.04	80.6	80.8	65.0-130			0.248	20
1,1,2-Trichlorotrifluoroethane	5.00	4.78	4.43	95.6	88.6	69.0-132			7.60	20
Tetrachloroethene	5.00	4.43	4.57	88.6	91.4	72.0-132			3.11	20
Toluene	5.00	4.32	4.39	86.4	87.8	79.0-120			1.61	20
1,2,3-Trichlorobenzene	5.00	3.95	4.03	79.0	80.6	50.0-138			2.01	20
1,2,4-Trichlorobenzene	5.00	3.56	3.54	71.2	70.8	57.0-137			0.563	20
1,1,1-Trichloroethane	5.00	4.30	4.20	86.0	84.0	73.0-124			2.35	20
1,1,2-Trichloroethane	5.00	4.30	4.31	86.0	86.2	80.0-120			0.232	20
Trichloroethene	5.00	4.54	4.65	90.8	93.0	78.0-124			2.39	20
Trichlorofluoromethane	5.00	5.34	5.49	107	110	59.0-147			2.77	20
1,2,3-Trichloropropane	5.00	4.26	4.36	85.2	87.2	73.0-130			2.32	20
1,2,4-Trimethylbenzene	5.00	4.23	4.25	84.6	85.0	76.0-121			0.472	20
1,2,3-Trimethylbenzene	5.00	4.52	4.34	90.4	86.8	77.0-120			4.06	20
1,3,5-Trimethylbenzene	5.00	4.48	4.31	89.6	86.2	76.0-122			3.87	20
Vinyl chloride	5.00	4.40	4.33	88.0	86.6	67.0-131			1.60	20
Xylenes, Total	15.0	13.1	13.6	87.3	90.7	79.0-123			3.75	20
(S) Toluene-d8				99.4	99.7	80.0-120				
(S) 4-Bromofluorobenzene				98.6	98.6	77.0-126				
(S) 1,2-Dichloroethane-d4				101	103	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4209434-1 05/03/25 19:41

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
C10-C28 Diesel Range	U		60.5	100
C28-C36 Motor Oil Range	U		77.2	100
(S) o-Terphenyl	141			52.0-156

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

(LCS) R4209434-2 05/03/25 20:01 • (LCSD) R4209434-3 05/03/25 20:22

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 %
C10-C28 Diesel Range	1500	1450	1400	96.7	93.3	50.0-150			3.51	20
(S) o-Terphenyl				115	114	52.0-156				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4209528-3 05/04/25 03:37

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acenaphthene	U		0.0886	1.00
Acenaphthylene	U		0.0921	1.00
Anthracene	U		0.0804	1.00
Benzidine	U		3.74	10.0
Benzo(a)anthracene	U		0.199	1.00
Benzo(b)fluoranthene	U		0.130	1.00
Benzo(k)fluoranthene	U		0.120	1.00
Benzo(g,h,i)perylene	U		0.121	1.00
Benzo(a)pyrene	U		0.0381	1.00
Bis(2-chlorethoxy)methane	U		0.116	10.0
Bis(2-chloroethyl)ether	U		0.137	10.0
2,2-Oxybis(1-Chloropropane)	U		0.210	10.0
4-Bromophenyl-phenylether	U		0.0877	10.0
2-Chloronaphthalene	U		0.0648	1.00
4-Chlorophenyl-phenylether	U		0.0926	10.0
Chrysene	U		0.130	1.00
Dibenz(a,h)anthracene	U		0.0644	1.00
1,2-Dichlorobenzene	U		0.0713	10.0
1,3-Dichlorobenzene	U		0.132	10.0
1,4-Dichlorobenzene	U		0.0942	10.0
3,3-Dichlorobenzidine	U		0.212	10.0
2,4-Dinitrotoluene	U		0.0983	10.0
2,6-Dinitrotoluene	U		0.250	10.0
Fluoranthene	U		0.102	1.00
Fluorene	U		0.0844	1.00
Hexachlorobenzene	U		0.0755	1.00
Hexachloro-1,3-butadiene	U		0.0968	10.0
Hexachlorocyclopentadiene	U		0.0598	10.0
Hexachloroethane	U		0.127	10.0
Indeno(1,2,3-cd)pyrene	U		0.279	1.00
Isophorone	U		0.143	10.0
1-Methylnaphthalene	U		0.0790	1.00
2-Methylnaphthalene	U		0.117	1.00
Naphthalene	U		0.159	1.00
Nitrobenzene	U		0.297	10.0
n-Nitrosodimethylamine	U		0.998	10.0
n-Nitrosodiphenylamine	U		2.37	10.0
n-Nitrosodi-n-propylamine	U		0.261	10.0
Phenanthrene	U		0.112	1.00
Benzylbutyl phthalate	U		0.765	3.00

<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) R4209528-3 05/04/25 03:37

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Bis(2-ethylhexyl)phthalate	U		0.895	3.00
Di-n-butyl phthalate	U		0.453	3.00
Diethyl phthalate	U		0.287	3.00
Dimethyl phthalate	U		0.260	3.00
Di-n-octyl phthalate	U		0.932	3.00
Pyrene	U		0.107	1.00
1,2,4-Trichlorobenzene	U		0.0698	10.0
4-Chloro-3-methylphenol	U		0.131	10.0
2-Chlorophenol	U		0.133	10.0
2,4-Dichlorophenol	U		0.102	10.0
2,4-Dimethylphenol	U		0.0636	10.0
4,6-Dinitro-2-methylphenol	U		1.12	10.0
2,4-Dinitrophenol	U		5.93	10.0
2-Nitrophenol	U		0.117	10.0
4-Nitrophenol	U		0.143	10.0
Pentachlorophenol	U		0.313	10.0
Phenol	U		4.33	10.0
2,4,6-Trichlorophenol	U		0.100	10.0
(S) 2-Fluorophenol	38.0			10.0-120
(S) Phenol-d5	27.4			10.0-120
(S) Nitrobenzene-d5	74.6			10.0-127
(S) 2-Fluorobiphenyl	61.2			10.0-130
(S) 2,4,6-Tribromophenol	66.5			10.0-155
(S) p-Terphenyl-d14	67.7			10.0-128

<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) R4209528-1 05/04/25 02:53 • (LCSD) R4209528-2 05/04/25 03:15

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 %
Acenaphthene	50.0	34.9	34.5	69.8	69.0	41.0-120			1.15	22
Acenaphthylene	50.0	39.8	39.0	79.6	78.0	43.0-120			2.03	22
Anthracene	50.0	38.4	38.2	76.8	76.4	45.0-120			0.522	20
Benzidine	100	9.25	9.08	9.25	9.08	10.0-120	J4	J4	1.85	36
Benzo(a)anthracene	50.0	38.9	37.9	77.8	75.8	47.0-120			2.60	20
Benzo(b)fluoranthene	50.0	38.0	36.5	76.0	73.0	46.0-120			4.03	20
Benzo(k)fluoranthene	50.0	36.4	35.3	72.8	70.6	46.0-120			3.07	21
Benzo(g,h,i)perylene	50.0	34.8	34.6	69.6	69.2	48.0-121			0.576	20
Benzo(a)pyrene	50.0	34.2	33.3	68.4	66.6	47.0-120			2.67	20

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

(LCS) R4209528-1 05/04/25 02:53 • (LCSD) R4209528-2 05/04/25 03:15

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 %
Bis(2-chlorethoxy)methane	50.0	32.9	33.0	65.8	66.0	33.0-120			0.303	24
Bis(2-chloroethyl)ether	50.0	32.4	34.5	64.8	69.0	23.0-120			6.28	33
2,2-Oxybis(1-Chloropropane)	50.0	36.1	35.1	72.2	70.2	28.0-120			2.81	31
4-Bromophenyl-phenylether	50.0	40.1	41.1	80.2	82.2	45.0-120			2.46	20
2-Chloronaphthalene	50.0	33.1	32.6	66.2	65.2	37.0-120			1.52	25
4-Chlorophenyl-phenylether	50.0	40.5	39.8	81.0	79.6	44.0-120			1.74	20
Chrysene	50.0	35.1	34.9	70.2	69.8	48.0-120			0.571	20
Dibenz(a,h)anthracene	50.0	39.2	38.0	78.4	76.0	47.0-120			3.11	20
1,2-Dichlorobenzene	50.0	33.8	34.9	67.6	69.8	20.0-120			3.20	34
1,3-Dichlorobenzene	50.0	33.5	33.9	67.0	67.8	17.0-120			1.19	35
1,4-Dichlorobenzene	50.0	34.6	34.9	69.2	69.8	18.0-120			0.863	34
3,3-Dichlorobenzidine	100	74.8	72.2	74.8	72.2	44.0-120			3.54	20
2,4-Dinitrotoluene	50.0	46.7	46.1	93.4	92.2	49.0-124			1.29	20
2,6-Dinitrotoluene	50.0	43.1	41.3	86.2	82.6	46.0-120			4.27	21
Fluoranthene	50.0	45.4	44.9	90.8	89.8	51.0-120			1.11	20
Fluorene	50.0	38.8	37.4	77.6	74.8	47.0-120			3.67	20
Hexachlorobenzene	50.0	37.4	36.8	74.8	73.6	44.0-120			1.62	20
Hexachloro-1,3-butadiene	50.0	31.6	32.2	63.2	64.4	19.0-120			1.88	32
Hexachlorocyclopentadiene	50.0	18.0	19.9	36.0	39.8	15.0-120			10.0	31
Hexachloroethane	50.0	34.9	36.0	69.8	72.0	15.0-120			3.10	37
Indeno(1,2,3-cd)pyrene	50.0	35.4	34.8	70.8	69.6	49.0-122			1.71	20
Isophorone	50.0	39.6	40.0	79.2	80.0	36.0-120			1.01	23
1-Methylnaphthalene	50.0	36.4	35.8	72.8	71.6	33.0-120			1.66	24
2-Methylnaphthalene	50.0	36.5	35.9	73.0	71.8	33.0-120			1.66	25
Naphthalene	50.0	31.2	31.2	62.4	62.4	27.0-120			0.000	27
Nitrobenzene	50.0	38.2	36.3	76.4	72.6	27.0-120			5.10	29
n-Nitrosodimethylamine	50.0	25.4	26.8	50.8	53.6	10.0-120			5.36	40
n-Nitrosodiphenylamine	50.0	33.7	35.0	67.4	70.0	47.0-120			3.78	20
n-Nitrosodi-n-propylamine	50.0	44.5	44.5	89.0	89.0	31.0-120			0.000	28
Phenanthrene	50.0	36.6	36.8	73.2	73.6	46.0-120			0.545	20
Benzylbutyl phthalate	50.0	38.7	38.5	77.4	77.0	43.0-121			0.518	20
Bis(2-ethylhexyl)phthalate	50.0	37.8	36.5	75.6	73.0	43.0-122			3.50	20
Di-n-butyl phthalate	50.0	47.1	46.3	94.2	92.6	49.0-121			1.71	20
Diethyl phthalate	50.0	46.3	45.3	92.6	90.6	48.0-122			2.18	20
Dimethyl phthalate	50.0	44.2	43.7	88.4	87.4	48.0-120			1.14	20
Di-n-octyl phthalate	50.0	39.6	38.7	79.2	77.4	42.0-125			2.30	20
Pyrene	50.0	34.6	34.9	69.2	69.8	47.0-120			0.863	20
1,2,4-Trichlorobenzene	50.0	34.2	33.4	68.4	66.8	24.0-120			2.37	29
4-Chloro-3-methylphenol	50.0	32.3	35.5	64.6	71.0	40.0-120			9.44	21
2-Chlorophenol	50.0	23.6	25.9	47.2	51.8	25.0-120			9.29	35

1

Cp

2

Tc

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Ss

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Cn

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Sr

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Qc

7

Gl

8

Al

9

Sc

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

(LCS) R4209528-1 05/04/25 02:53 • (LCSD) R4209528-2 05/04/25 03:15

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
2,4-Dichlorophenol	50.0	31.0	34.7	62.0	69.4	36.0-120			11.3	26
2,4-Dimethylphenol	50.0	27.6	29.3	55.2	58.6	33.0-120			5.98	26
4,6-Dinitro-2-methylphenol	50.0	38.0	40.4	76.0	80.8	38.0-138			6.12	25
2,4-Dinitrophenol	50.0	29.2	32.4	58.4	64.8	10.0-120			10.4	39
2-Nitrophenol	50.0	34.2	35.6	68.4	71.2	31.0-120			4.01	29
4-Nitrophenol	50.0	13.5	13.8	27.0	27.6	10.0-120			2.20	33
Pentachlorophenol	50.0	21.2	22.8	42.4	45.6	23.0-120			7.27	25
Phenol	50.0	14.3	14.8	28.6	29.6	10.0-120			3.44	36
2,4,6-Trichlorophenol	50.0	35.7	37.9	71.4	75.8	42.0-120			5.98	23
(S) 2-Fluorophenol				35.3	37.5	10.0-120				
(S) Phenol-d5				28.7	28.6	10.0-120				
(S) Nitrobenzene-d5				65.6	66.9	10.0-127				
(S) 2-Fluorobiphenyl				65.1	64.3	10.0-130				
(S) 2,4,6-Tribromophenol				78.5	79.0	10.0-155				
(S) p-Terphenyl-d14				70.1	69.6	10.0-128				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

# GLOSSARY OF TERMS

## Guide to Reading and Understanding Your Laboratory Report

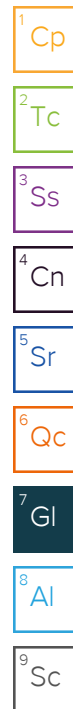
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	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.
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J4	The associated batch QC was outside the established quality control range for accuracy.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
T8	Sample(s) received past/too close to holding time expiration.
V	The sample concentration is too high to evaluate accurate spike recoveries.



# ACCREDITATIONS & LOCATIONS

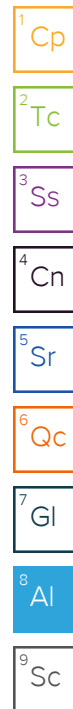
## Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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.



Pace® Location Requested (City/State): CHAIN-OF-CUSTODY Analytical Request Document

Company Name: CTEH, LLC

Street Address: 5120 North Shore Drive, North Little Rock, AR 72118

Customer Project #: PROJ-054017

Project Name: Bishop Loss of Containment

Site Collection Info/Facility ID (as applicable): Galeton, CO

Time Zone Collected: [ ] AK [ ] PT [X] MT [ ] CT [ ] ET

Data Deliverables: [X] Level II [ ] Level III [ ] Level IV

Regulatory Program (DW, RCRA, etc.) as applicable: [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other

Reportable [ ] Yes [ ] No

Field Filtered (if applicable): [X] Yes [ ] No

Analysis: Dissolved Metals

Matrix Codes (insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Waste (WF), Tissue (TS), Biosolids (BS), Vapor (V), Surface Water (SW), Sediment (SD), Sludge (SL), Gunk (CK), Leachate (LL), Residue (RS), Other (OT)

Customer Sample ID

Matrix \*

Comp / Grab

Composite Start

Collected or Composite End

# Cont.

Result

Units

VOCs 8260D; TPH-GRO/DRO/RO

SVOCs 8270E

Total Metals 6020B; Hardness 130.1

Dissolved Metals 6020B

Hexavalent Chromium

TDS; TSS

Anions; Alkalinity; pH

Total Phosphorus; Total Nitrogen; TKN

TOC

MBAS

Sample Comment

Additional Instructions from Pace®: VOC and SVOC full list; Total Metals TAL+B; Dissolved Metals Al, As, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, Zn; Anions Br, Cl, F, SO4, NO2, NO3

Collected by: Printed Name Signature

Customer Remarks / Special Conditions / Possible Hazards:

Relinquished by/Company: (Signature)

Date/Time: 05/02/25 1800

Received by/Company: (Signature)

Date/Time: 5/3/25 1400

Relinquished by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Relinquished by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Page: of



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5/7/25