## Haley Griffith (adpce.ad)

**From:** Mark Beasley <Mark.Beasley@pacelabs.com>
**Sent:** Thursday, February 12, 2026 4:05 PM
**To:** gwreports
**Cc:** Melissa Vaught; Andi Jones
**Subject:** Lab reports L1890396, L1921578, L1929254, L1939491
**Attachments:** L1890396.pdf; L1921578.pdf; L1929254.pdf; L1939491.pdf

Thanks
**Mark Beasley**
*Manager – Client Operations / National*
12065 Lebanon Road | Mt. Juliet, TN 37122
Office: 615.773.9672 | Cell: 615.330.1602
mark.beasley@pacelabs.com

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# ANALYTICAL REPORT

September 02, 2025



## Legacy Landfill

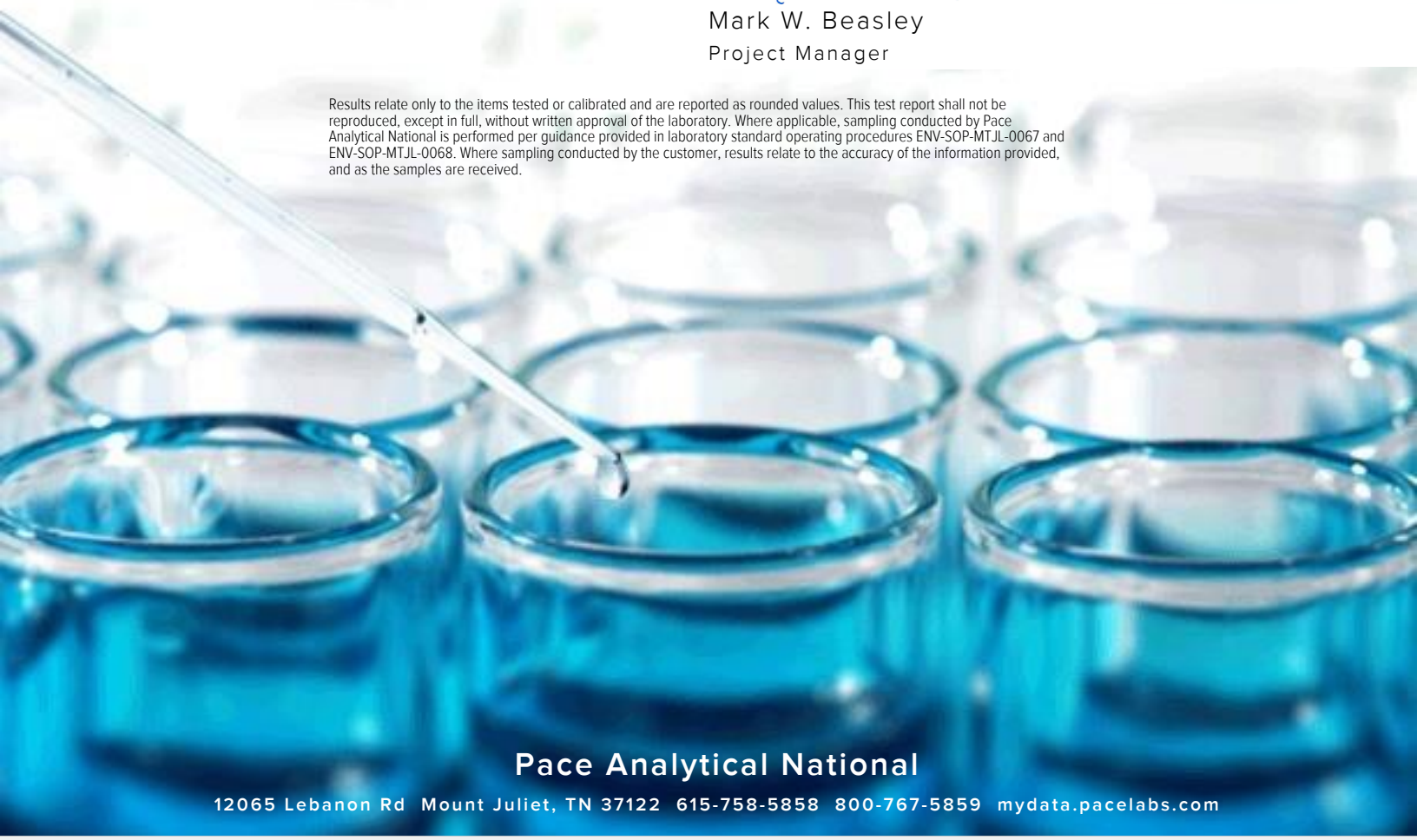
| | |
|---|---|
| Sample Delivery Group: | L1890396 |
| Samples Received: | 08/20/2025 |
| Project Number: | A25-01259 |
| Description: | Craighead County - Legacy Landfill |

Report To: Melissa Vaught
3537 N. Steele Blvd, Suite 310
Fayetteville, AR 72703

Entire Report Reviewed By:

Mark W. Beasley
Project Manager

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Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

# TABLE OF CONTENTS


Cp: Cover Page 1

Tc: Table of Contents 2

Ss: Sample Summary 3

Cn: Case Narrative 5

Sr: Sample Results 6

MW-23 L1890396-01 6

MW-24 L1890396-02 8

MW-25 L1890396-03 10

MW-26 L1890396-04 12

MW-27R L1890396-05 14

MW-24 DUP L1890396-06 16

EB-1 L1890396-07 18

Qc: Quality Control Summary 20

Gravimetric Analysis by Method 2540 C-2011 20

Wet Chemistry by Method 9056A 26

Wet Chemistry by Method 9060A 30

Metals (ICPMS) by Method 6020B 31

Volatile Organic Compounds (GC/MS) by Method 8260D 33

Gl: Glossary of Terms 36

Al: Accreditations & Locations 38

Sc: Sample Chain of Custody 39

## MW-23 L1890396-01

Collected by: Michael Clayton | Collected date/time: 08/18/25 13:10 | Received date/time: 08/20/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2585369 | 1 | 08/22/25 10:45 | 08/25/25 12:43 | AMG | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2584314 | 1 | 08/27/25 05:22 | 08/27/25 05:22 | DLH | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2588721 | 1 | 08/28/25 03:01 | 08/28/25 03:01 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2584687 | 1 | 08/23/25 13:17 | 08/23/25 16:59 | JPD | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2585810 | 1 | 08/23/25 13:36 | 08/23/25 13:36 | WHS | Mt. Juliet, TN |

## MW-24 L1890396-02

Collected by: Michael Clayton | Collected date/time: 08/18/25 14:15 | Received date/time: 08/20/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2585414 | 1 | 08/22/25 11:27 | 08/23/25 17:33 | AMG | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2584314 | 1 | 08/27/25 05:35 | 08/27/25 05:35 | DLH | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2588721 | 1 | 08/28/25 03:21 | 08/28/25 03:21 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2584687 | 1 | 08/23/25 13:17 | 08/23/25 17:02 | JPD | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2584687 | 5 | 08/23/25 13:17 | 08/23/25 19:38 | TMT | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2585810 | 1 | 08/23/25 13:55 | 08/23/25 13:55 | WHS | Mt. Juliet, TN |

## MW-25 L1890396-03

Collected by: Michael Clayton | Collected date/time: 08/18/25 15:50 | Received date/time: 08/20/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2585903 | 1 | 08/22/25 20:00 | 08/23/25 03:16 | AMG | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2584314 | 1 | 08/27/25 06:12 | 08/27/25 06:12 | DLH | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2588721 | 1 | 08/28/25 03:41 | 08/28/25 03:41 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2584687 | 1 | 08/23/25 13:17 | 08/23/25 17:05 | JPD | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2584687 | 5 | 08/23/25 13:17 | 08/23/25 19:42 | TMT | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2585810 | 1 | 08/23/25 14:15 | 08/23/25 14:15 | WHS | Mt. Juliet, TN |

## MW-26 L1890396-04

Collected by: Michael Clayton | Collected date/time: 08/19/25 09:10 | Received date/time: 08/20/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2587862 | 1 | 08/26/25 13:45 | 08/26/25 14:24 | AMG | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2584314 | 1 | 08/27/25 06:25 | 08/27/25 06:25 | DLH | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2588721 | 1 | 08/28/25 04:01 | 08/28/25 04:01 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2584687 | 1 | 08/23/25 13:17 | 08/23/25 17:08 | JPD | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2584687 | 5 | 08/23/25 13:17 | 08/23/25 19:45 | TMT | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2585810 | 1 | 08/23/25 14:35 | 08/23/25 14:35 | WHS | Mt. Juliet, TN |

## MW-27R L1890396-05

Collected by: Michael Clayton | Collected date/time: 08/19/25 10:20 | Received date/time: 08/20/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2586965 | 1 | 08/25/25 09:20 | 08/25/25 16:58 | AMG | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2584320 | 1 | 08/29/25 03:23 | 08/29/25 03:23 | ZSA | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2588721 | 1 | 08/28/25 04:21 | 08/28/25 04:21 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2584687 | 1 | 08/23/25 13:17 | 08/23/25 17:11 | JPD | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2584687 | 5 | 08/23/25 13:17 | 08/23/25 19:48 | TMT | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2585810 | 1 | 08/23/25 14:54 | 08/23/25 14:54 | WHS | Mt. Juliet, TN |

## MW-24 DUP L1890396-06

Collected by: Michael Clayton
Collected date/time: 08/18/25 14:20
Received date/time: 08/20/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2585369 | 1 | 08/22/25 10:45 | 08/25/25 12:43 | AMG | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2584320 | 1 | 08/29/25 04:15 | 08/29/25 04:15 | ZSA | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2588721 | 1 | 08/28/25 04:43 | 08/28/25 04:43 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2584687 | 1 | 08/23/25 13:17 | 08/23/25 17:15 | JPD | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2584687 | 5 | 08/23/25 13:17 | 08/23/25 19:51 | TMT | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2585810 | 1 | 08/23/25 15:14 | 08/23/25 15:14 | WHS | Mt. Juliet, TN |

## EB-1 L1890396-07

Collected by: Michael Clayton
Collected date/time: 08/19/25 11:00
Received date/time: 08/20/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2587865 | 1 | 08/26/25 14:00 | 08/26/25 18:00 | AMG | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2584320 | 1 | 08/29/25 04:32 | 08/29/25 04:32 | ZSA | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2588721 | 1 | 08/28/25 05:45 | 08/28/25 05:45 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2584687 | 1 | 08/23/25 13:17 | 08/23/25 17:18 | JPD | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2585810 | 1 | 08/23/25 13:16 | 08/23/25 13:16 | WHS | Mt. Juliet, TN |

# CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. 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.



Mark W. Beasley
Project Manager

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 564000 | | 10000 | 1 | 08/25/2025 12:43 | WG2585369 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 7790 | | 547 | 1000 | 1 | 08/27/2025 05:22 | WG2584314 |
| Sulfate | 27600 | | 637 | 5000 | 1 | 08/27/2025 05:22 | WG2584314 |

## Wet Chemistry by Method 9060A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 637 | J | 495 | 1000 | 1 | 08/28/2025 03:01 | WG2588721 |

## Metals (ICPMS) by Method 6020B

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Antimony | 0.335 | J | 0.310 | 4.00 | 1 | 08/23/2025 16:59 | WG2584687 |
| Arsenic | 0.975 | J | 0.120 | 2.00 | 1 | 08/23/2025 16:59 | WG2584687 |
| Barium | 150 | | 0.500 | 2.00 | 1 | 08/23/2025 16:59 | WG2584687 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 08/23/2025 16:59 | WG2584687 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 08/23/2025 16:59 | WG2584687 |
| Chromium | U | | 0.900 | 2.00 | 1 | 08/23/2025 16:59 | WG2584687 |
| Copper | U | | 0.700 | 5.00 | 1 | 08/23/2025 16:59 | WG2584687 |
| Cobalt | U | | 0.100 | 2.00 | 1 | 08/23/2025 16:59 | WG2584687 |
| Iron | 2530 | | 22.6 | 100 | 1 | 08/23/2025 16:59 | WG2584687 |
| Lead | U | | 0.500 | 2.00 | 1 | 08/23/2025 16:59 | WG2584687 |
| Manganese | 314 | | 0.700 | 5.00 | 1 | 08/23/2025 16:59 | WG2584687 |
| Nickel | U | | 0.500 | 2.00 | 1 | 08/23/2025 16:59 | WG2584687 |
| Selenium | U | | 0.250 | 2.00 | 1 | 08/23/2025 16:59 | WG2584687 |
| Silver | U | | 0.110 | 2.00 | 1 | 08/23/2025 16:59 | WG2584687 |
| Thallium | U | | 0.130 | 2.00 | 1 | 08/23/2025 16:59 | WG2584687 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 08/23/2025 16:59 | WG2584687 |
| Zinc | U | | 4.00 | 25.0 | 1 | 08/23/2025 16:59 | WG2584687 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 | 1 | 08/23/2025 13:36 | WG2585810 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 08/23/2025 13:36 | WG2585810 |
| Benzene | U | | 0.320 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| Bromomethane | U | | 4.85 | 5.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| Carbon disulfide | U | | 0.510 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| 1,2-Dibromo-3-Chloropropane | U | C3 | 1.25 | 5.00 | 1 | 08/23/2025 13:36 | WG2585810 |

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| trans-1,4-Dichloro-2-butene | U | C3 J4 | 1.86 | 2.50 | 1 | 08/23/2025 13:36 | WG2585810 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| 1,1-Dichloroethene | U | | 0.422 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 08/23/2025 13:36 | WG2585810 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 08/23/2025 13:36 | WG2585810 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 | 1 | 08/23/2025 13:36 | WG2585810 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 08/23/2025 13:36 | WG2585810 |
| Styrene | U | | 0.342 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| Toluene | U | | 0.274 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| Trichlorofluoromethane | U | | 3.04 | 5.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 08/23/2025 13:36 | WG2585810 |
| Vinyl acetate | U | C3 | 8.47 | 10.0 | 1 | 08/23/2025 13:36 | WG2585810 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 08/23/2025 13:36 | WG2585810 |
| *(S) Toluene-d8* | *100* | | | *80.0-120* | | *08/23/2025 13:36* | WG2585810 |
| *(S) 4-Bromofluorobenzene* | *90.5* | | | *77.0-126* | | *08/23/2025 13:36* | WG2585810 |
| *(S) 1,2-Dichloroethane-d4* | *100* | | | *70.0-130* | | *08/23/2025 13:36* | WG2585810 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 555000 | | 10000 | 1 | 08/23/2025 17:33 | WG2585414 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 37500 | | 547 | 1000 | 1 | 08/27/2025 05:35 | WG2584314 |
| Sulfate | 99900 | | 637 | 5000 | 1 | 08/27/2025 05:35 | WG2584314 |

## Wet Chemistry by Method 9060A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 731 | J | 495 | 1000 | 1 | 08/28/2025 03:21 | WG2588721 |

## Metals (ICPMS) by Method 6020B

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Antimony | U | | 0.310 | 4.00 | 1 | 08/23/2025 17:02 | WG2584687 |
| Arsenic | 0.597 | J | 0.120 | 2.00 | 1 | 08/23/2025 17:02 | WG2584687 |
| Barium | 264 | | 0.500 | 2.00 | 1 | 08/23/2025 17:02 | WG2584687 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 08/23/2025 17:02 | WG2584687 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 08/23/2025 17:02 | WG2584687 |
| Chromium | U | | 0.900 | 2.00 | 1 | 08/23/2025 17:02 | WG2584687 |
| Copper | U | | 0.700 | 5.00 | 1 | 08/23/2025 17:02 | WG2584687 |
| Cobalt | U | | 0.100 | 2.00 | 1 | 08/23/2025 17:02 | WG2584687 |
| Iron | 5860 | | 113 | 500 | 5 | 08/23/2025 19:38 | WG2584687 |
| Lead | U | | 0.500 | 2.00 | 1 | 08/23/2025 17:02 | WG2584687 |
| Manganese | 680 | | 3.50 | 25.0 | 5 | 08/23/2025 19:38 | WG2584687 |
| Nickel | U | | 0.500 | 2.00 | 1 | 08/23/2025 17:02 | WG2584687 |
| Selenium | U | | 0.250 | 2.00 | 1 | 08/23/2025 17:02 | WG2584687 |
| Silver | U | | 0.110 | 2.00 | 1 | 08/23/2025 17:02 | WG2584687 |
| Thallium | U | | 0.130 | 2.00 | 1 | 08/23/2025 17:02 | WG2584687 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 08/23/2025 17:02 | WG2584687 |
| Zinc | U | | 4.00 | 25.0 | 1 | 08/23/2025 17:02 | WG2584687 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 | 1 | 08/23/2025 13:55 | WG2585810 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 08/23/2025 13:55 | WG2585810 |
| Benzene | U | | 0.320 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| Bromomethane | U | | 4.85 | 5.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| Carbon disulfide | U | | 0.510 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| 1,2-Dibromo-3-Chloropropane | U | C3 | 1.25 | 5.00 | 1 | 08/23/2025 13:55 | WG2585810 |

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| trans-1,4-Dichloro-2-butene | U | C3 J4 | 1.86 | 2.50 | 1 | 08/23/2025 13:55 | WG2585810 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| 1,1-Dichloroethene | U | | 0.422 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 08/23/2025 13:55 | WG2585810 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 08/23/2025 13:55 | WG2585810 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 | 1 | 08/23/2025 13:55 | WG2585810 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 08/23/2025 13:55 | WG2585810 |
| Styrene | U | | 0.342 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| Toluene | U | | 0.274 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| Trichlorofluoromethane | U | | 3.04 | 5.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 08/23/2025 13:55 | WG2585810 |
| Vinyl acetate | U | C3 | 8.47 | 10.0 | 1 | 08/23/2025 13:55 | WG2585810 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 08/23/2025 13:55 | WG2585810 |
| *(S) Toluene-d8* | *101* | | | *80.0-120* | | *08/23/2025 13:55* | WG2585810 |
| *(S) 4-Bromofluorobenzene* | *91.4* | | | *77.0-126* | | *08/23/2025 13:55* | WG2585810 |
| *(S) 1,2-Dichloroethane-d4* | *100* | | | *70.0-130* | | *08/23/2025 13:55* | WG2585810 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 294000 | | 10000 | 1 | 08/23/2025 03:16 | WG2585903 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 5980 | | 547 | 1000 | 1 | 08/27/2025 06:12 | WG2584314 |
| Sulfate | 14800 | | 637 | 5000 | 1 | 08/27/2025 06:12 | WG2584314 |

## Wet Chemistry by Method 9060A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 700 | J | 495 | 1000 | 1 | 08/28/2025 03:41 | WG2588721 |

## Metals (ICPMS) by Method 6020B

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Antimony | U | | 0.310 | 4.00 | 1 | 08/23/2025 17:05 | WG2584687 |
| Arsenic | 1.12 | J | 0.120 | 2.00 | 1 | 08/23/2025 17:05 | WG2584687 |
| Barium | 128 | | 0.500 | 2.00 | 1 | 08/23/2025 17:05 | WG2584687 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 08/23/2025 17:05 | WG2584687 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 08/23/2025 17:05 | WG2584687 |
| Chromium | U | | 0.900 | 2.00 | 1 | 08/23/2025 17:05 | WG2584687 |
| Copper | U | | 0.700 | 5.00 | 1 | 08/23/2025 17:05 | WG2584687 |
| Cobalt | U | | 0.100 | 2.00 | 1 | 08/23/2025 17:05 | WG2584687 |
| Iron | 1940 | | 22.6 | 100 | 1 | 08/23/2025 17:05 | WG2584687 |
| Lead | U | | 0.500 | 2.00 | 1 | 08/23/2025 17:05 | WG2584687 |
| Manganese | 511 | | 3.50 | 25.0 | 5 | 08/23/2025 19:42 | WG2584687 |
| Nickel | U | | 0.500 | 2.00 | 1 | 08/23/2025 17:05 | WG2584687 |
| Selenium | U | | 0.250 | 2.00 | 1 | 08/23/2025 17:05 | WG2584687 |
| Silver | U | | 0.110 | 2.00 | 1 | 08/23/2025 17:05 | WG2584687 |
| Thallium | U | | 0.130 | 2.00 | 1 | 08/23/2025 17:05 | WG2584687 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 08/23/2025 17:05 | WG2584687 |
| Zinc | U | | 4.00 | 25.0 | 1 | 08/23/2025 17:05 | WG2584687 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 | 1 | 08/23/2025 14:15 | WG2585810 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 08/23/2025 14:15 | WG2585810 |
| Benzene | U | | 0.320 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| Bromomethane | U | | 4.85 | 5.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| Carbon disulfide | U | | 0.510 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| 1,2-Dibromo-3-Chloropropane | U | C3 | 1.25 | 5.00 | 1 | 08/23/2025 14:15 | WG2585810 |

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| trans-1,4-Dichloro-2-butene | U | C3 J4 | 1.86 | 2.50 | 1 | 08/23/2025 14:15 | WG2585810 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| 1,1-Dichloroethene | U | | 0.422 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 08/23/2025 14:15 | WG2585810 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 08/23/2025 14:15 | WG2585810 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 | 1 | 08/23/2025 14:15 | WG2585810 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 08/23/2025 14:15 | WG2585810 |
| Styrene | U | | 0.342 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| Toluene | U | | 0.274 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| Trichlorofluoromethane | U | | 3.04 | 5.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 08/23/2025 14:15 | WG2585810 |
| Vinyl acetate | U | C3 | 8.47 | 10.0 | 1 | 08/23/2025 14:15 | WG2585810 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 08/23/2025 14:15 | WG2585810 |
| *(S) Toluene-d8* | *101* | | | *80.0-120* | | *08/23/2025 14:15* | WG2585810 |
| *(S) 4-Bromofluorobenzene* | *90.9* | | | *77.0-126* | | *08/23/2025 14:15* | WG2585810 |
| *(S) 1,2-Dichloroethane-d4* | *102* | | | *70.0-130* | | *08/23/2025 14:15* | WG2585810 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 428000 | | 10000 | 1 | 08/26/2025 14:24 | WG2587862 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 31800 | | 547 | 1000 | 1 | 08/27/2025 06:25 | WG2584314 |
| Sulfate | 58600 | | 637 | 5000 | 1 | 08/27/2025 06:25 | WG2584314 |

## Wet Chemistry by Method 9060A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 718 | J | 495 | 1000 | 1 | 08/28/2025 04:01 | WG2588721 |

## Metals (ICPMS) by Method 6020B

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Antimony | U | | 0.310 | 4.00 | 1 | 08/23/2025 17:08 | WG2584687 |
| Arsenic | 0.723 | J | 0.120 | 2.00 | 1 | 08/23/2025 17:08 | WG2584687 |
| Barium | 221 | | 0.500 | 2.00 | 1 | 08/23/2025 17:08 | WG2584687 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 08/23/2025 17:08 | WG2584687 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 08/23/2025 17:08 | WG2584687 |
| Chromium | U | | 0.900 | 2.00 | 1 | 08/23/2025 17:08 | WG2584687 |
| Copper | U | | 0.700 | 5.00 | 1 | 08/23/2025 17:08 | WG2584687 |
| Cobalt | U | | 0.100 | 2.00 | 1 | 08/23/2025 17:08 | WG2584687 |
| Iron | 4350 | | 22.6 | 100 | 1 | 08/23/2025 17:08 | WG2584687 |
| Lead | U | | 0.500 | 2.00 | 1 | 08/23/2025 17:08 | WG2584687 |
| Manganese | 604 | | 3.50 | 25.0 | 5 | 08/23/2025 19:45 | WG2584687 |
| Nickel | U | | 0.500 | 2.00 | 1 | 08/23/2025 17:08 | WG2584687 |
| Selenium | U | | 0.250 | 2.00 | 1 | 08/23/2025 17:08 | WG2584687 |
| Silver | U | | 0.110 | 2.00 | 1 | 08/23/2025 17:08 | WG2584687 |
| Thallium | U | | 0.130 | 2.00 | 1 | 08/23/2025 17:08 | WG2584687 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 08/23/2025 17:08 | WG2584687 |
| Zinc | U | | 4.00 | 25.0 | 1 | 08/23/2025 17:08 | WG2584687 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 | 1 | 08/23/2025 14:35 | WG2585810 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 08/23/2025 14:35 | WG2585810 |
| Benzene | U | | 0.320 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| Bromomethane | U | | 4.85 | 5.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| Carbon disulfide | U | | 0.510 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| 1,2-Dibromo-3-Chloropropane | U | C3 | 1.25 | 5.00 | 1 | 08/23/2025 14:35 | WG2585810 |

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| trans-1,4-Dichloro-2-butene | U | C3 J4 | 1.86 | 2.50 | 1 | 08/23/2025 14:35 | WG2585810 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| 1,1-Dichloroethene | U | | 0.422 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 08/23/2025 14:35 | WG2585810 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 08/23/2025 14:35 | WG2585810 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 | 1 | 08/23/2025 14:35 | WG2585810 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 08/23/2025 14:35 | WG2585810 |
| Styrene | U | | 0.342 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| Toluene | U | | 0.274 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| Trichlorofluoromethane | U | | 3.04 | 5.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 08/23/2025 14:35 | WG2585810 |
| Vinyl acetate | U | C3 | 8.47 | 10.0 | 1 | 08/23/2025 14:35 | WG2585810 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 08/23/2025 14:35 | WG2585810 |
| *(S) Toluene-d8* | *99.5* | | | *80.0-120* | | *08/23/2025 14:35* | WG2585810 |
| *(S) 4-Bromofluorobenzene* | *88.3* | | | *77.0-126* | | *08/23/2025 14:35* | WG2585810 |
| *(S) 1,2-Dichloroethane-d4* | *102* | | | *70.0-130* | | *08/23/2025 14:35* | WG2585810 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 390000 | | 10000 | 1 | 08/25/2025 16:58 | WG2586965 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 8450 | | 547 | 1000 | 1 | 08/29/2025 03:23 | WG2584320 |
| Sulfate | 16700 | | 637 | 5000 | 1 | 08/29/2025 03:23 | WG2584320 |

## Wet Chemistry by Method 9060A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 547 | J | 495 | 1000 | 1 | 08/28/2025 04:21 | WG2588721 |

## Metals (ICPMS) by Method 6020B

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Antimony | U | | 0.310 | 4.00 | 1 | 08/23/2025 17:11 | WG2584687 |
| Arsenic | 0.643 | J | 0.120 | 2.00 | 1 | 08/23/2025 17:11 | WG2584687 |
| Barium | 196 | | 0.500 | 2.00 | 1 | 08/23/2025 17:11 | WG2584687 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 08/23/2025 17:11 | WG2584687 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 08/23/2025 17:11 | WG2584687 |
| Chromium | U | | 0.900 | 2.00 | 1 | 08/23/2025 17:11 | WG2584687 |
| Copper | 0.735 | B J | 0.700 | 5.00 | 1 | 08/23/2025 17:11 | WG2584687 |
| Cobalt | U | | 0.100 | 2.00 | 1 | 08/23/2025 17:11 | WG2584687 |
| Iron | 4060 | | 22.6 | 100 | 1 | 08/23/2025 17:11 | WG2584687 |
| Lead | U | | 0.500 | 2.00 | 1 | 08/23/2025 17:11 | WG2584687 |
| Manganese | 560 | | 3.50 | 25.0 | 5 | 08/23/2025 19:48 | WG2584687 |
| Nickel | U | | 0.500 | 2.00 | 1 | 08/23/2025 17:11 | WG2584687 |
| Selenium | U | | 0.250 | 2.00 | 1 | 08/23/2025 17:11 | WG2584687 |
| Silver | U | | 0.110 | 2.00 | 1 | 08/23/2025 17:11 | WG2584687 |
| Thallium | U | | 0.130 | 2.00 | 1 | 08/23/2025 17:11 | WG2584687 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 08/23/2025 17:11 | WG2584687 |
| Zinc | U | | 4.00 | 25.0 | 1 | 08/23/2025 17:11 | WG2584687 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 | 1 | 08/23/2025 14:54 | WG2585810 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 08/23/2025 14:54 | WG2585810 |
| Benzene | U | | 0.320 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| Bromomethane | U | | 4.85 | 5.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| Carbon disulfide | U | | 0.510 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| 1,2-Dibromo-3-Chloropropane | U | C3 | 1.25 | 5.00 | 1 | 08/23/2025 14:54 | WG2585810 |

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| trans-1,4-Dichloro-2-butene | U | C3 J4 | 1.86 | 2.50 | 1 | 08/23/2025 14:54 | WG2585810 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| 1,1-Dichloroethene | U | | 0.422 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 08/23/2025 14:54 | WG2585810 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 08/23/2025 14:54 | WG2585810 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 | 1 | 08/23/2025 14:54 | WG2585810 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 08/23/2025 14:54 | WG2585810 |
| Styrene | U | | 0.342 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| Toluene | U | | 0.274 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| Trichlorofluoromethane | U | | 3.04 | 5.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 08/23/2025 14:54 | WG2585810 |
| Vinyl acetate | U | C3 | 8.47 | 10.0 | 1 | 08/23/2025 14:54 | WG2585810 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 08/23/2025 14:54 | WG2585810 |
| *(S) Toluene-d8* | *101* | | | *80.0-120* | | *08/23/2025 14:54* | WG2585810 |
| *(S) 4-Bromofluorobenzene* | *90.6* | | | *77.0-126* | | *08/23/2025 14:54* | WG2585810 |
| *(S) 1,2-Dichloroethane-d4* | *103* | | | *70.0-130* | | *08/23/2025 14:54* | WG2585810 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 549000 | | 10000 | 1 | 08/25/2025 12:43 | WG2585369 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 36400 | | 547 | 1000 | 1 | 08/29/2025 04:15 | WG2584320 |
| Sulfate | 98800 | | 637 | 5000 | 1 | 08/29/2025 04:15 | WG2584320 |

## Wet Chemistry by Method 9060A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 690 | J | 495 | 1000 | 1 | 08/28/2025 04:43 | WG2588721 |

## Metals (ICPMS) by Method 6020B

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Antimony | U | | 0.310 | 4.00 | 1 | 08/23/2025 17:15 | WG2584687 |
| Arsenic | 0.506 | J | 0.120 | 2.00 | 1 | 08/23/2025 17:15 | WG2584687 |
| Barium | 261 | | 0.500 | 2.00 | 1 | 08/23/2025 17:15 | WG2584687 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 08/23/2025 17:15 | WG2584687 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 08/23/2025 17:15 | WG2584687 |
| Chromium | U | | 0.900 | 2.00 | 1 | 08/23/2025 17:15 | WG2584687 |
| Copper | U | | 0.700 | 5.00 | 1 | 08/23/2025 17:15 | WG2584687 |
| Cobalt | U | | 0.100 | 2.00 | 1 | 08/23/2025 17:15 | WG2584687 |
| Iron | 5690 | | 113 | 500 | 5 | 08/23/2025 19:51 | WG2584687 |
| Lead | U | | 0.500 | 2.00 | 1 | 08/23/2025 17:15 | WG2584687 |
| Manganese | 660 | | 3.50 | 25.0 | 5 | 08/23/2025 19:51 | WG2584687 |
| Nickel | U | | 0.500 | 2.00 | 1 | 08/23/2025 17:15 | WG2584687 |
| Selenium | U | | 0.250 | 2.00 | 1 | 08/23/2025 17:15 | WG2584687 |
| Silver | U | | 0.110 | 2.00 | 1 | 08/23/2025 17:15 | WG2584687 |
| Thallium | U | | 0.130 | 2.00 | 1 | 08/23/2025 17:15 | WG2584687 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 08/23/2025 17:15 | WG2584687 |
| Zinc | U | | 4.00 | 25.0 | 1 | 08/23/2025 17:15 | WG2584687 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 | 1 | 08/23/2025 15:14 | WG2585810 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 08/23/2025 15:14 | WG2585810 |
| Benzene | U | | 0.320 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| Bromomethane | U | | 4.85 | 5.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| Carbon disulfide | U | | 0.510 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| 1,2-Dibromo-3-Chloropropane | U | C3 | 1.25 | 5.00 | 1 | 08/23/2025 15:14 | WG2585810 |

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| trans-1,4-Dichloro-2-butene | U | C3 J4 | 1.86 | 2.50 | 1 | 08/23/2025 15:14 | WG2585810 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| 1,1-Dichloroethene | U | | 0.422 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 08/23/2025 15:14 | WG2585810 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 08/23/2025 15:14 | WG2585810 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 | 1 | 08/23/2025 15:14 | WG2585810 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 08/23/2025 15:14 | WG2585810 |
| Styrene | U | | 0.342 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| Toluene | U | | 0.274 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| Trichlorofluoromethane | U | | 3.04 | 5.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 08/23/2025 15:14 | WG2585810 |
| Vinyl acetate | U | C3 | 8.47 | 10.0 | 1 | 08/23/2025 15:14 | WG2585810 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 08/23/2025 15:14 | WG2585810 |
| *(S) Toluene-d8* | *97.3* | | | *80.0-120* | | *08/23/2025 15:14* | WG2585810 |
| *(S) 4-Bromofluorobenzene* | *90.0* | | | *77.0-126* | | *08/23/2025 15:14* | WG2585810 |
| *(S) 1,2-Dichloroethane-d4* | *104* | | | *70.0-130* | | *08/23/2025 15:14* | WG2585810 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | ND | | 50000 | 1 | 08/26/2025 18:00 | WG2587865 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | U | | 547 | 1000 | 1 | 08/29/2025 04:32 | WG2584320 |
| Sulfate | U | | 637 | 5000 | 1 | 08/29/2025 04:32 | WG2584320 |

## Wet Chemistry by Method 9060A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | U | | 495 | 1000 | 1 | 08/28/2025 05:45 | WG2588721 |

## Metals (ICPMS) by Method 6020B

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Antimony | U | | 0.310 | 4.00 | 1 | 08/23/2025 17:18 | WG2584687 |
| Arsenic | U | | 0.120 | 2.00 | 1 | 08/23/2025 17:18 | WG2584687 |
| Barium | U | | 0.500 | 2.00 | 1 | 08/23/2025 17:18 | WG2584687 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 08/23/2025 17:18 | WG2584687 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 08/23/2025 17:18 | WG2584687 |
| Chromium | U | | 0.900 | 2.00 | 1 | 08/23/2025 17:18 | WG2584687 |
| Copper | U | | 0.700 | 5.00 | 1 | 08/23/2025 17:18 | WG2584687 |
| Cobalt | U | | 0.100 | 2.00 | 1 | 08/23/2025 17:18 | WG2584687 |
| Iron | U | | 22.6 | 100 | 1 | 08/23/2025 17:18 | WG2584687 |
| Lead | U | | 0.500 | 2.00 | 1 | 08/23/2025 17:18 | WG2584687 |
| Manganese | U | | 0.700 | 5.00 | 1 | 08/23/2025 17:18 | WG2584687 |
| Nickel | U | | 0.500 | 2.00 | 1 | 08/23/2025 17:18 | WG2584687 |
| Selenium | U | | 0.250 | 2.00 | 1 | 08/23/2025 17:18 | WG2584687 |
| Silver | U | | 0.110 | 2.00 | 1 | 08/23/2025 17:18 | WG2584687 |
| Thallium | U | | 0.130 | 2.00 | 1 | 08/23/2025 17:18 | WG2584687 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 08/23/2025 17:18 | WG2584687 |
| Zinc | U | | 4.00 | 25.0 | 1 | 08/23/2025 17:18 | WG2584687 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 | 1 | 08/23/2025 13:16 | WG2585810 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 08/23/2025 13:16 | WG2585810 |
| Benzene | U | | 0.320 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| Bromomethane | U | | 4.85 | 5.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| Carbon disulfide | U | | 0.510 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| 1,2-Dibromo-3-Chloropropane | U | C3 | 1.25 | 5.00 | 1 | 08/23/2025 13:16 | WG2585810 |

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| trans-1,4-Dichloro-2-butene | U | C3 J4 | 1.86 | 2.50 | 1 | 08/23/2025 13:16 | WG2585810 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| 1,1-Dichloroethene | U | | 0.422 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 08/23/2025 13:16 | WG2585810 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 08/23/2025 13:16 | WG2585810 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 | 1 | 08/23/2025 13:16 | WG2585810 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 08/23/2025 13:16 | WG2585810 |
| Styrene | U | | 0.342 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| Toluene | U | | 0.274 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| Trichlorofluoromethane | U | | 3.04 | 5.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 08/23/2025 13:16 | WG2585810 |
| Vinyl acetate | U | C3 | 8.47 | 10.0 | 1 | 08/23/2025 13:16 | WG2585810 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 08/23/2025 13:16 | WG2585810 |
| *(S) Toluene-d8* | *103* | | | *80.0-120* | | *08/23/2025 13:16* | WG2585810 |
| *(S) 4-Bromofluorobenzene* | *93.4* | | | *77.0-126* | | *08/23/2025 13:16* | WG2585810 |
| *(S) 1,2-Dichloroethane-d4* | *101* | | | *70.0-130* | | *08/23/2025 13:16* | WG2585810 |

## Method Blank (MB)

(MB) R4264752-1 08/25/25 12:43

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

## L1889726-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1889726-01 08/25/25 12:43 • (DUP) R4264752-3 08/25/25 12:43

| Analyte | Original Result ug/l | DUP Result ug/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---|---|---|---|---|---|---|
| Dissolved Solids | 610000 | 620000 | 1 | 1.63 | | 10 |

## L1890396-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1890396-06 08/25/25 12:43 • (DUP) R4264752-4 08/25/25 12:43

| Analyte | Original Result ug/l | DUP Result ug/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---|---|---|---|---|---|---|
| Dissolved Solids | 549000 | 543000 | 1 | 1.10 | | 10 |

## Laboratory Control Sample (LCS)

(LCS) R4264752-2 08/25/25 12:43

| Analyte | Spike Amount ug/l | LCS Result ug/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---|---|---|---|---|---|
| Dissolved Solids | 8800000 | 8720000 | 99.1 | 90.0-110 | |

## Method Blank (MB)

(MB) R4263480-1 08/23/25 17:33

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

## L1890364-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1890364-02 08/23/25 17:33 • (DUP) R4263480-3 08/23/25 17:33

| Analyte | Original Result ug/l | DUP Result ug/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---|---|---|---|---|---|---|
| Dissolved Solids | 608000 | 609000 | 1 | 0.164 | | 10 |

## L1890396-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1890396-02 08/23/25 17:33 • (DUP) R4263480-4 08/23/25 17:33

| Analyte | Original Result ug/l | DUP Result ug/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---|---|---|---|---|---|---|
| Dissolved Solids | 555000 | 572000 | 1 | 3.02 | | 10 |

## Laboratory Control Sample (LCS)

(LCS) R4263480-2 08/23/25 17:33

| Analyte | Spike Amount ug/l | LCS Result ug/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---|---|---|---|---|---|
| Dissolved Solids | 8800000 | 8650000 | 98.3 | 90.0-110 | |

## Method Blank (MB)

(MB) R4263242-1 08/23/25 03:16

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

## L1889981-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1889981-02 08/23/25 03:16 • (DUP) R4263242-3 08/23/25 03:16

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

## L1891374-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1891374-07 08/23/25 03:16 • (DUP) R4263242-4 08/23/25 03:16

| Analyte | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---|---|---|---|---|---|---|
| | ug/l | ug/l | | % | | % |
| Dissolved Solids | 684000 | 703000 | 1 | 2.69 | | 10 |

## Laboratory Control Sample (LCS)

(LCS) R4263242-2 08/23/25 03:16

| Analyte | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|---|---|---|---|---|---|
| | ug/l | ug/l | % | % | |
| Dissolved Solids | 8800000 | 8490000 | 96.5 | 90.0-110 | |

## Method Blank (MB)

(MB) R4265405-1 08/25/25 16:58

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

## L1890301-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1890301-01 08/25/25 16:58 • (DUP) R4265405-3 08/25/25 16:58

| Analyte | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---|---|---|---|---|---|---|
| | ug/l | ug/l | | % | | % |
| Dissolved Solids | 1360000 | 1400000 | 1 | 3.27 | | 10 |

## L1890396-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1890396-05 08/25/25 16:58 • (DUP) R4265405-4 08/25/25 16:58

| Analyte | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---|---|---|---|---|---|---|
| | ug/l | ug/l | | % | | % |
| Dissolved Solids | 390000 | 388000 | 1 | 0.514 | | 10 |

## Laboratory Control Sample (LCS)

(LCS) R4265405-2 08/25/25 16:58

| Analyte | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|---|---|---|---|---|---|
| | ug/l | ug/l | % | % | |
| Dissolved Solids | 8800000 | 8690000 | 98.8 | 90.0-110 | |

## Method Blank (MB)

(MB) R4265439-1 08/26/25 14:24

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

## L1890336-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1890336-01 08/26/25 14:24 • (DUP) R4265439-3 08/26/25 14:24

| Analyte | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---|---|---|---|---|---|---|
| | ug/l | ug/l | | % | | % |
| Dissolved Solids | 1560000 | 1660000 | 1 | 6.21 | | 10 |

## L1891374-16 Original Sample (OS) • Duplicate (DUP)

(OS) L1891374-16 08/26/25 14:24 • (DUP) R4265439-4 08/26/25 14:24

| Analyte | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---|---|---|---|---|---|---|
| | ug/l | ug/l | | % | | % |
| Dissolved Solids | 649000 | 616000 | 1 | 5.27 | | 10 |

## Laboratory Control Sample (LCS)

(LCS) R4265439-2 08/26/25 14:24

| Analyte | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|---|---|---|---|---|---|
| | ug/l | ug/l | % | % | |
| Dissolved Solids | 8800000 | 8260000 | 93.9 | 90.0-110 | |

## Method Blank (MB)

(MB) R4265490-1 08/26/25 18:00

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

## L1890141-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1890141-01 08/26/25 18:00 • (DUP) R4265490-3 08/26/25 18:00

| Analyte | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---|---|---|---|---|---|---|
| | ug/l | ug/l | | % | | % |
| Dissolved Solids | 600000 | 612000 | 1 | 1.98 | | 10 |

## L1891374-19 Original Sample (OS) • Duplicate (DUP)

(OS) L1891374-19 08/26/25 18:00 • (DUP) R4265490-4 08/26/25 18:00

| Analyte | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---|---|---|---|---|---|---|
| | ug/l | ug/l | | % | | % |
| Dissolved Solids | 381000 | 377000 | 1 | 1.06 | | 10 |

## Laboratory Control Sample (LCS)

(LCS) R4265490-2 08/26/25 18:00

| Analyte | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|---|---|---|---|---|---|
| | ug/l | ug/l | % | % | |
| Dissolved Solids | 8800000 | 8650000 | 98.3 | 90.0-110 | |

## Method Blank (MB)

(MB) R4264832-1 08/26/25 23:43

| Analyte | MB Result ug/l | MB Qualifier | MB MDL ug/l | MB RDL ug/l |
|---|---|---|---|---|
| Chloride | U | | 547 | 1000 |
| Sulfate | U | | 637 | 5000 |

## L1890336-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1890336-02 08/27/25 00:33 • (DUP) R4264832-3 08/27/25 00:46

| Analyte | Original Result ug/l | DUP Result ug/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---|---|---|---|---|---|---|
| Chloride | 49500 | 49600 | 1 | 0.0684 | | 15 |
| Sulfate | 30400 | 30400 | 1 | 0.0401 | | 15 |

## L1890336-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1890336-04 08/27/25 01:49 • (DUP) R4264832-6 08/27/25 02:01

| Analyte | Original Result ug/l | DUP Result ug/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---|---|---|---|---|---|---|
| Chloride | 40300 | 40300 | 1 | 0.0295 | | 15 |
| Sulfate | 43800 | 43700 | 1 | 0.232 | | 15 |

## Laboratory Control Sample (LCS)

(LCS) R4264832-2 08/26/25 23:55

| Analyte | Spike Amount ug/l | LCS Result ug/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---|---|---|---|---|---|
| Chloride | 40000 | 39900 | 99.8 | 80.0-120 | |
| Sulfate | 40000 | 40500 | 101 | 80.0-120 | |

## L1890336-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1890336-02 08/27/25 00:33 • (MS) R4264832-4 08/27/25 00:58 • (MSD) R4264832-5 08/27/25 01:11

| 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 % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 40000 | 49500 | 79300 | 72300 | 74.5 | 57.0 | 1 | 80.0-120 | J6 | J6 | 9.23 | 15 |
| Sulfate | 40000 | 30400 | 64200 | 58700 | 84.4 | 70.6 | 1 | 80.0-120 | | J6 | 8.96 | 15 |

## L1890336-04 Original Sample (OS) • Matrix Spike (MS)

(OS) L1890336-04 08/27/25 01:49 • (MS) R4264832-7 08/27/25 02:14

| Analyte | Spike Amount ug/l | Original Result ug/l | MS Result ug/l | MS Rec. % | Dilution | Rec. Limits % | MS Qualifier |
|---|---|---|---|---|---|---|---|
| Chloride | 40000 | 40300 | 71900 | 79.0 | 1 | 80.0-120 | J6 |
| Sulfate | 40000 | 43800 | 74700 | 77.2 | 1 | 80.0-120 | J6 |

## Method Blank (MB)

(MB) R4266445-1 08/29/25 02:48

| Analyte | MB Result | MB Qualifier | MB MDL | MB RDL |
|---|---|---|---|---|
| | ug/l | | ug/l | ug/l |
| Chloride | U | | 547 | 1000 |
| Sulfate | U | | 637 | 5000 |

## L1890396-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1890396-05 08/29/25 03:23 • (DUP) R4266445-3 08/29/25 03:40

| Analyte | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---|---|---|---|---|---|---|
| | ug/l | ug/l | | % | | % |
| Chloride | 8450 | 8440 | 1 | 0.111 | | 15 |
| Sulfate | 16700 | 16800 | 1 | 0.624 | | 15 |

## L1890414-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1890414-01 08/29/25 04:50 • (DUP) R4266445-5 08/29/25 05:07

| Analyte | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---|---|---|---|---|---|---|
| | ug/l | ug/l | | % | | % |
| Chloride | 56000 | 76100 | 1 | 30.5 | J3 | 15 |
| Sulfate | 910 | U | 1 | 200 | P1 | 15 |

## Laboratory Control Sample (LCS)

(LCS) R4266445-2 08/29/25 03:06

| Analyte | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|---|---|---|---|---|---|
| | ug/l | ug/l | % | % | |
| Chloride | 40000 | 36800 | 91.9 | 80.0-120 | |
| Sulfate | 40000 | 36800 | 92.0 | 80.0-120 | |

## L1890396-05 Original Sample (OS) • Matrix Spike (MS)

(OS) L1890396-05 08/29/25 03:23 • (MS) R4266445-4 08/29/25 03:58

| Analyte | Spike Amount | Original Result | MS Result | MS Rec. | Dilution | Rec. Limits | MS Qualifier |
|---|---|---|---|---|---|---|---|
| | ug/l | ug/l | ug/l | % | | % | |
| Chloride | 40000 | 8450 | 45000 | 91.3 | 1 | 80.0-120 | |
| Sulfate | 40000 | 16700 | 52400 | 89.3 | 1 | 80.0-120 | |

## L1890414-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1890414-01 08/29/25 04:50 • (MS) R4266445-6 08/29/25 05:24 • (MSD) R4266445-7 08/29/25 05:42

| 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 % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 40000 | 56000 | 97200 | 102000 | 103 | 114 | 1 | 80.0-120 | | E | 4.29 | 15 |
| Sulfate | 40000 | 910 | 37600 | 39300 | 91.8 | 96.0 | 1 | 80.0-120 | | | 4.32 | 15 |

## Method Blank (MB)

(MB) R4265395-2 08/28/25 00:08

| Analyte | MB Result ug/l | MB Qualifier | MB MDL ug/l | MB RDL ug/l |
|---|---|---|---|---|
| TOC (Total Organic Carbon) | U | | 495 | 1000 |

## L1890368-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1890368-06 08/28/25 01:40 • (DUP) R4265395-5 08/28/25 02:02

| Analyte | Original Result ug/l | DUP Result ug/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 1180 | 1190 | 1 | 0.844 | | 20 |

## L1890420-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1890420-01 08/28/25 06:54 • (DUP) R4265395-8 08/28/25 07:14

| Analyte | Original Result ug/l | DUP Result ug/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 2280 | 2300 | 1 | 0.698 | | 20 |

## Laboratory Control Sample (LCS)

(LCS) R4265395-1 08/27/25 23:49

| Analyte | Spike Amount ug/l | LCS Result ug/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 25000 | 24400 | 97.8 | 80.0-120 | |

## L1890368-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1890368-05 08/28/25 00:31 • (MS) R4265395-3 08/28/25 00:56 • (MSD) R4265395-4 08/28/25 01:20

| 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 % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 25000 | 965 | 25000 | 25200 | 96.2 | 96.7 | 1 | 75.0-125 | | | 0.518 | 20 |

## L1890396-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1890396-07 08/28/25 05:45 • (MS) R4265395-6 08/28/25 06:09 • (MSD) R4265395-7 08/28/25 06:33

| 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 % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 25000 | U | 24200 | 24500 | 96.8 | 97.8 | 1 | 75.0-125 | | | 1.03 | 20 |

## Method Blank (MB)

(MB) R4263009-1 08/23/25 15:41

| Analyte | MB Result ug/l | MB Qualifier | MB MDL ug/l | MB RDL ug/l |
|---|---|---|---|---|
| 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 |
| Chromium | U | | 0.900 | 2.00 |
| Copper | 0.710 | J | 0.700 | 5.00 |
| Cobalt | U | | 0.100 | 2.00 |
| Iron | U | | 22.6 | 100 |
| Lead | U | | 0.500 | 2.00 |
| Manganese | U | | 0.700 | 5.00 |
| Nickel | U | | 0.500 | 2.00 |
| Selenium | U | | 0.250 | 2.00 |
| Silver | U | | 0.110 | 2.00 |
| Thallium | U | | 0.130 | 2.00 |
| Vanadium | U | | 0.520 | 5.00 |
| Zinc | U | | 4.00 | 25.0 |

## Laboratory Control Sample (LCS)

(LCS) R4263009-2 08/23/25 15:45

| Analyte | Spike Amount ug/l | LCS Result ug/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---|---|---|---|---|---|
| Antimony | 50.0 | 48.2 | 96.5 | 80.0-120 | |
| Arsenic | 50.0 | 47.5 | 95.0 | 80.0-120 | |
| Barium | 50.0 | 46.0 | 92.1 | 80.0-120 | |
| Beryllium | 50.0 | 47.1 | 94.2 | 80.0-120 | |
| Cadmium | 50.0 | 49.2 | 98.4 | 80.0-120 | |
| Chromium | 50.0 | 48.4 | 96.7 | 80.0-120 | |
| Copper | 50.0 | 48.3 | 96.7 | 80.0-120 | |
| Cobalt | 50.0 | 49.0 | 98.0 | 80.0-120 | |
| Iron | 1000 | 967 | 96.7 | 80.0-120 | |
| Lead | 50.0 | 47.2 | 94.5 | 80.0-120 | |
| Manganese | 50.0 | 46.7 | 93.5 | 80.0-120 | |
| Nickel | 50.0 | 50.2 | 100 | 80.0-120 | |
| Selenium | 50.0 | 45.6 | 91.1 | 80.0-120 | |
| Silver | 50.0 | 49.3 | 98.6 | 80.0-120 | |
| Thallium | 50.0 | 46.8 | 93.6 | 80.0-120 | |
| Vanadium | 50.0 | 48.9 | 97.8 | 80.0-120 | |

## Laboratory Control Sample (LCS)

(LCS) R4263009-2 08/23/25 15:45

| Analyte | Spike Amount ug/l | LCS Result ug/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---|---|---|---|---|---|
| Zinc | 50.0 | 47.0 | 94.1 | 80.0-120 | |

## L1890390-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1890390-03 08/23/25 15:48 • (MS) R4263009-4 08/23/25 15:54 • (MSD) R4263009-5 08/23/25 15:57

| 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 % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 50.0 | U | 48.3 | 48.5 | 96.5 | 97.1 | 1 | 75.0-125 | | | 0.567 | 20 |
| Arsenic | 50.0 | 2.14 | 51.3 | 50.7 | 98.4 | 97.1 | 1 | 75.0-125 | | | 1.28 | 20 |
| Barium | 50.0 | 67.7 | 122 | 121 | 108 | 106 | 1 | 75.0-125 | | | 0.887 | 20 |
| Beryllium | 50.0 | 0.200 | 47.6 | 46.4 | 94.7 | 92.3 | 1 | 75.0-125 | | | 2.53 | 20 |
| Cadmium | 50.0 | U | 49.7 | 49.1 | 99.3 | 98.3 | 1 | 75.0-125 | | | 1.02 | 20 |
| Chromium | 50.0 | 1.15 | 50.7 | 49.7 | 99.1 | 97.1 | 1 | 75.0-125 | | | 2.01 | 20 |
| Copper | 50.0 | 4.76 | 53.7 | 52.2 | 97.9 | 94.8 | 1 | 75.0-125 | | | 2.97 | 20 |
| Cobalt | 50.0 | 1.78 | 50.2 | 49.8 | 96.8 | 96.1 | 1 | 75.0-125 | | | 0.645 | 20 |
| Iron | 1000 | 1280 | 2740 | 2490 | 146 | 121 | 1 | 75.0-125 | J5 | | 9.37 | 20 |
| Lead | 50.0 | 3.52 | 51.4 | 50.7 | 95.8 | 94.5 | 1 | 75.0-125 | | | 1.29 | 20 |
| Manganese | 50.0 | 143 | 192 | 191 | 96.3 | 94.9 | 1 | 75.0-125 | | | 0.355 | 20 |
| Nickel | 50.0 | 3.21 | 51.3 | 51.2 | 96.2 | 96.0 | 1 | 75.0-125 | | | 0.246 | 20 |
| Selenium | 50.0 | 2.85 | 52.6 | 50.3 | 99.4 | 94.9 | 1 | 75.0-125 | | | 4.44 | 20 |
| Silver | 50.0 | U | 50.3 | 49.9 | 101 | 99.8 | 1 | 75.0-125 | | | 0.868 | 20 |
| Thallium | 50.0 | U | 48.3 | 47.7 | 96.6 | 95.4 | 1 | 75.0-125 | | | 1.20 | 20 |
| Vanadium | 50.0 | 6.58 | 55.8 | 54.8 | 98.5 | 96.4 | 1 | 75.0-125 | | | 1.89 | 20 |
| Zinc | 50.0 | 16.2 | 65.9 | 63.5 | 99.6 | 94.7 | 1 | 75.0-125 | | | 3.73 | 20 |

## Method Blank (MB)

(MB) R4263062-3 08/23/25 10:23

| Analyte | MB Result ug/l | MB Qualifier | MB MDL ug/l | MB RDL ug/l |
|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 |
| Acrylonitrile | U | | 8.09 | 10.0 |
| Benzene | U | | 0.320 | 1.00 |
| Bromochloromethane | U | | 0.437 | 1.00 |
| Bromodichloromethane | U | | 0.371 | 1.00 |
| Bromoform | U | | 0.548 | 1.00 |
| Bromomethane | U | | 4.85 | 5.00 |
| Carbon disulfide | U | | 0.510 | 1.00 |
| Carbon tetrachloride | U | | 0.360 | 1.00 |
| Chlorobenzene | U | | 0.266 | 1.00 |
| Chlorodibromomethane | U | | 0.398 | 1.00 |
| Chloroethane | U | | 2.79 | 5.00 |
| Chloroform | U | | 1.28 | 5.00 |
| Chloromethane | U | | 1.70 | 5.00 |
| Dibromomethane | U | | 0.422 | 1.00 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 |
| 1,2-Dibromo-3-Chloropropane | U | | 1.25 | 5.00 |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 |
| trans-1,4-Dichloro-2-butene | U | | 1.86 | 2.50 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 |
| 1,1-Dichloroethene | U | | 0.422 | 1.00 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 |
| Ethylbenzene | U | | 0.234 | 1.00 |
| 2-Hexanone | U | | 5.80 | 20.0 |
| Iodomethane | U | | 9.96 | 30.0 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 |
| Methylene Chloride | U | | 1.48 | 5.00 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 |
| Styrene | U | | 0.342 | 1.00 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 |
| Tetrachloroethene | U | | 0.358 | 1.00 |
| Toluene | U | | 0.274 | 1.00 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 |

## Method Blank (MB)

(MB) R4263062-3 08/23/25 10:23

| Analyte | MB Result ug/l | MB Qualifier | MB MDL ug/l | MB RDL ug/l |
|---|---|---|---|---|
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 |
| Trichloroethene | U | | 0.383 | 1.00 |
| Trichlorofluoromethane | U | | 3.04 | 5.00 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 |
| Vinyl acetate | U | | 8.47 | 10.0 |
| Vinyl chloride | U | | 0.458 | 1.00 |
| Xylenes, Total | U | | 0.319 | 3.00 |
| *(S) Toluene-d8* | *100* | | | *80.0-120* |
| *(S) 4-Bromofluorobenzene* | *94.3* | | | *77.0-126* |
| *(S) 1,2-Dichloroethane-d4* | *100* | | | *70.0-130* |

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

(LCS) R4263062-1 08/23/25 09:24 • (LCSD) R4263062-2 08/23/25 09:44

| 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 | 125 | 161 | 151 | 129 | 121 | 19.0-160 | | | 6.41 | 27 |
| Acrylonitrile | 125 | 109 | 108 | 87.2 | 86.4 | 55.0-149 | | | 0.922 | 20 |
| Benzene | 25.0 | 22.7 | 22.6 | 90.8 | 90.4 | 70.0-123 | | | 0.442 | 20 |
| Bromochloromethane | 25.0 | 20.8 | 21.0 | 83.2 | 84.0 | 76.0-122 | | | 0.957 | 20 |
| Bromodichloromethane | 25.0 | 21.7 | 22.1 | 86.8 | 88.4 | 75.0-120 | | | 1.83 | 20 |
| Bromoform | 25.0 | 20.5 | 19.5 | 82.0 | 78.0 | 68.0-132 | | | 5.00 | 20 |
| Bromomethane | 25.0 | 23.2 | 24.5 | 92.8 | 98.0 | 10.0-160 | | | 5.45 | 25 |
| Carbon disulfide | 25.0 | 22.2 | 22.2 | 88.8 | 88.8 | 61.0-128 | | | 0.000 | 20 |
| Carbon tetrachloride | 25.0 | 22.3 | 22.1 | 89.2 | 88.4 | 68.0-126 | | | 0.901 | 20 |
| Chlorobenzene | 25.0 | 22.5 | 21.6 | 90.0 | 86.4 | 80.0-121 | | | 4.08 | 20 |
| Chlorodibromomethane | 25.0 | 21.1 | 20.6 | 84.4 | 82.4 | 77.0-125 | | | 2.40 | 20 |
| Chloroethane | 25.0 | 24.4 | 24.7 | 97.6 | 98.8 | 47.0-150 | | | 1.22 | 20 |
| Chloroform | 25.0 | 21.3 | 21.9 | 85.2 | 87.6 | 73.0-120 | | | 2.78 | 20 |
| Chloromethane | 25.0 | 24.9 | 24.7 | 99.6 | 98.8 | 41.0-142 | | | 0.806 | 20 |
| Dibromomethane | 25.0 | 21.8 | 22.4 | 87.2 | 89.6 | 80.0-120 | | | 2.71 | 20 |
| 1,2-Dibromoethane | 25.0 | 22.0 | 21.4 | 88.0 | 85.6 | 80.0-122 | | | 2.76 | 20 |
| 1,2-Dibromo-3-Chloropropane | 25.0 | 18.7 | 17.9 | 74.8 | 71.6 | 58.0-134 | | | 4.37 | 20 |
| 1,2-Dichlorobenzene | 25.0 | 21.1 | 20.8 | 84.4 | 83.2 | 79.0-121 | | | 1.43 | 20 |
| 1,4-Dichlorobenzene | 25.0 | 21.6 | 21.0 | 86.4 | 84.0 | 79.0-120 | | | 2.82 | 20 |
| trans-1,4-Dichloro-2-butene | 25.0 | 7.90 | 8.04 | 31.6 | 32.2 | 33.0-144 | J4 | J4 | 1.76 | 20 |
| 1,1-Dichloroethane | 25.0 | 22.1 | 22.7 | 88.4 | 90.8 | 70.0-126 | | | 2.68 | 20 |
| 1,2-Dichloroethane | 25.0 | 22.2 | 22.0 | 88.8 | 88.0 | 70.0-128 | | | 0.905 | 20 |
| 1,1-Dichloroethene | 25.0 | 20.7 | 21.2 | 82.8 | 84.8 | 71.0-124 | | | 2.39 | 20 |

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

(LCS) R4263062-1 08/23/25 09:24 • (LCSD) R4263062-2 08/23/25 09:44

| 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 % |
|---|---|---|---|---|---|---|---|---|---|---|
| cis-1,2-Dichloroethene | 25.0 | 20.8 | 21.2 | 83.2 | 84.8 | 73.0-120 | | | 1.90 | 20 |
| trans-1,2-Dichloroethene | 25.0 | 22.4 | 22.8 | 89.6 | 91.2 | 73.0-120 | | | 1.77 | 20 |
| 1,2-Dichloropropane | 25.0 | 22.1 | 22.6 | 88.4 | 90.4 | 77.0-125 | | | 2.24 | 20 |
| cis-1,3-Dichloropropene | 25.0 | 22.1 | 21.9 | 88.4 | 87.6 | 80.0-123 | | | 0.909 | 20 |
| trans-1,3-Dichloropropene | 25.0 | 22.2 | 21.4 | 88.8 | 85.6 | 78.0-124 | | | 3.67 | 20 |
| Ethylbenzene | 25.0 | 22.0 | 21.2 | 88.0 | 84.8 | 79.0-123 | | | 3.70 | 20 |
| 2-Hexanone | 125 | 138 | 134 | 110 | 107 | 67.0-149 | | | 2.94 | 20 |
| Iodomethane | 125 | 103 | 106 | 82.4 | 84.8 | 33.0-147 | | | 2.87 | 26 |
| 2-Butanone (MEK) | 125 | 134 | 129 | 107 | 103 | 44.0-160 | | | 3.80 | 20 |
| Methylene Chloride | 25.0 | 21.7 | 21.8 | 86.8 | 87.2 | 67.0-120 | | | 0.460 | 20 |
| 4-Methyl-2-pentanone (MIBK) | 125 | 125 | 121 | 100 | 96.8 | 68.0-142 | | | 3.25 | 20 |
| Styrene | 25.0 | 22.5 | 21.5 | 90.0 | 86.0 | 73.0-130 | | | 4.55 | 20 |
| 1,1,1,2-Tetrachloroethane | 25.0 | 20.6 | 20.3 | 82.4 | 81.2 | 75.0-125 | | | 1.47 | 20 |
| 1,1,2,2-Tetrachloroethane | 25.0 | 21.9 | 22.3 | 87.6 | 89.2 | 65.0-130 | | | 1.81 | 20 |
| Tetrachloroethene | 25.0 | 20.8 | 20.0 | 83.2 | 80.0 | 72.0-132 | | | 3.92 | 20 |
| Toluene | 25.0 | 23.0 | 22.4 | 92.0 | 89.6 | 79.0-120 | | | 2.64 | 20 |
| 1,1,1-Trichloroethane | 25.0 | 22.1 | 22.6 | 88.4 | 90.4 | 73.0-124 | | | 2.24 | 20 |
| 1,1,2-Trichloroethane | 25.0 | 22.3 | 21.7 | 89.2 | 86.8 | 80.0-120 | | | 2.73 | 20 |
| Trichloroethene | 25.0 | 22.4 | 22.3 | 89.6 | 89.2 | 78.0-124 | | | 0.447 | 20 |
| Trichlorofluoromethane | 25.0 | 22.7 | 23.7 | 90.8 | 94.8 | 59.0-147 | | | 4.31 | 20 |
| 1,2,3-Trichloropropane | 25.0 | 21.7 | 21.8 | 86.8 | 87.2 | 73.0-130 | | | 0.460 | 20 |
| Vinyl acetate | 125 | 94.4 | 95.0 | 75.5 | 76.0 | 11.0-160 | | | 0.634 | 20 |
| Vinyl chloride | 25.0 | 22.5 | 22.8 | 90.0 | 91.2 | 67.0-131 | | | 1.32 | 20 |
| Xylenes, Total | 75.0 | 66.6 | 63.6 | 88.8 | 84.8 | 79.0-123 | | | 4.61 | 20 |
| *(S) Toluene-d8* | | | | *99.1* | *98.1* | *80.0-120* | | | | |
| *(S) 4-Bromofluorobenzene* | | | | *94.5* | *90.1* | *77.0-126* | | | | |
| *(S) 1,2-Dichloroethane-d4* | | | | *105* | *108* | *70.0-130* | | | | |

# 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. |
| U (Radiochemistry) | Result + Error < MDA. |
| J (Radiochemistry) | Result < MDA; Result + Error > MDA. |
| 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 |
|---|---|
| B | The same analyte is found in the associated blank. |
| C3 | The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable. |
| 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. |
| 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. |

# GLOSSARY OF TERMS

| Qualifier | Description |
|---|---|
| P1 | RPD value not applicable for sample concentrations less than 5 times the reporting limit. |

# 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 [1] | TN00003 |
| Colorado | TN00003 | New York | 11742 |
| Connecticut | PH-0197 | North Carolina | Env375 |
| Florida | E87487 | North Carolina [1] | DW21704 |
| Georgia | NELAP | North Carolina [3] | 41 |
| Georgia [1] | 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 | LAO000356 |
| Kentucky [1 6] | KY90010 | South Carolina | 84004002 |
| Kentucky [2] | 16 | South Dakota | n/a |
| Louisiana | AI30792 | Tennessee [1 4] | 2006 |
| Louisiana | LA018 | Texas | T104704245-20-18 |
| Maine | TN00003 | Texas [5] | 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 [5] | 1461.02 | DOD | 1461.01 |
| Canada | 1461.01 | USDA | P330-15-00234 |
| EPA–Crypto | TN00003 | | |

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] 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.

**Legacy Landfill**

3537 N. Steele Blvd, Suite 310
Fayetteville, AR 72703

Billing Information:
Angela Sparks
P.O. Box 16777
Jonesboro, AR 72403

Report to: **Melissa Vaught 501-920-9642**

Email To: **mvaught@olsson.com;mclayton@olsson.com;a**

Project Description: **Craighead County - Legacy Landfill**

City/State Collected: Jonesboro AR

Please Circle: PT MT CT ET

Regulatory Program(DOD,RCRA,DW,etc):

Client Project # **A25-01259**

Lab Project # **LEGLDFJAR-CRAIGHEAD**

Collected by (print): Michael Clayton

Site/Facility ID #

P.O. #

Collected by (signature): Michael Clayton

Immediately Packed on Ice N ____ Y ✓

***Rush?*** (Lab MUST Be Notified)
____ Same Day ____ Five Day
____ Next Day ____ 5 Day (Rad Only)
____ Two Day ____ 10 Day (Rad Only)
____ Three Day ____ STD TAT

Quote #

Date Results Needed

Analysis / Container / Preservative

Chain of Custody Page ___ of ___

Pace
PEOPLE ADVANCING SCIENCE

**MT JULIET, TN**

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1690396

G236

Acctnum: **LEGLDFJAR**
Template: **T106244**
Prelogin: **P1170400**
PM: **134 - Mark W. Beasley**
PB:
Shipped Via: **FedEx Ground**

| Sample ID | Comp/Grab | Matrix * | Depth | Date | Time | No. of Cntrs | Chloride, Sulfate 125mlHDPE-NoPres | M6010AP1 + Fe, Mn 250mlHDPE-HNO3 | TDS 1L-HDPE NoPres | TOC 250mlHDPE-HCl | V8260AP1 40mlAmb-HCl | Remarks | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-23 | Grab | GW | | 8/18/25 | 1310 | 6 | X | X | X | X | X | | -01 |
| MW-24 | | GW | | 8/18/25 | 1415 | 6 | X | X | X | X | X | | -02 |
| MW-25 | | GW | | 8/18/25 | 1550 | 6 | X | X | X | X | X | | -03 |
| MW-26 | | GW | | 8/18/25 | 910 | 6 | X | X | X | X | X | | -04 |
| MW-27R | | GW | | 8/19/25 | 1020 | 6 | X | X | X | X | X | | -05 |
| MW-24 DUP | | GW | | 8/18/25 | 1420 | 6 | X | X | X | X | X | | -06 |
| EB-1 | | GW | | 8/19/25 | 1100 | 6 | X | X | X | X | X | | -07 |
| | | GW | | | | 6 | X | X | X | X | X | | |
| | | GW | | | | 6 | X | X | X | X | X | | |

* Matrix:
**SS** - Soil **AIR** - Air **F** - Filter
**GW** - Groundwater **B** - Bioassay
**WW** - WasteWater
**DW** - Drinking Water
**OT** - Other_____

**Remarks:**

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist

| | | |
|---|---|---|
| COC Seal Present/Intact: | NP | ✓Y N |
| COC Signed/Accurate: | | Y N |
| Bottles arrive intact: | | Y N |
| Correct bottles used: | | Y N |
| Sufficient volume sent: | | Y N |
| **If Applicable** | | |
| VOA Zero Headspace: | | Y N |
| Preservation Correct/Checked: | | Y N |
| RAD Screen <0.5 mR/hr: | | ✓Y N |

| | | | |
|---|---|---|---|
| Relinquished by : (Signature) Michael Clayton | Date: 8/19/25 | Time: 1300 | Received by: (Signature) |
| Relinquished by : (Signature) | Date: | Time: | Received by: (Signature) |
| Relinquished by : (Signature) | Date: | Time: | Received for lab by: (Signature) Sabrina Ladd |

Trip Blank Received: Yes / (No) HCl / MeoH TBR

Temp: °C Bottles Received: 42

Date: 8/20/25 Time: 900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

**Multiple Parcel Form** L# L1890396

| Parcel Tracking Number | Infrared Thermometer ID | Temperature Reading (°C) | Correction Factor (°C) | Corrected Temperature (°C) | Custody Seal Intact |
|---|---|---|---|---|---|
| 8836 9123 8557 | EDA9 | 2.5 | -0.1 | 2.4 | (Yes) / No / Not Present |
| 4580 6325 4350 | EDA9 | 3.3 | -0.1 | 3.2 | (Yes) / No / Not Present |
| | | | | | Yes / No / Not Present |
| | | | | | Yes / No / Not Present |
| | | | | | Yes / No / Not Present |
| | | | | | Yes / No / Not Present |
| | | | | | Yes / No / Not Present |
| | | | | | Yes / No / Not Present |
| | | | | | Yes / No / Not Present |
| | | | | | Yes / No / Not Present |
| | | | | | Yes / No / Not Present |
| | | | | | Yes / No / Not Present |
| | | | | | Yes / No / Not Present |
| | | | | | Yes / No / Not Present |
| | | | | | Yes / No / Not Present |
| | | | | | Yes / No / Not Present |
| | | | | | Yes / No / Not Present |
| | | | | | Yes / No / Not Present |
| | | | | | Yes / No / Not Present |
| | | | | | Yes / No / Not Present |
| | | | | | Yes / No / Not Present |

Sabryn
Name

8/20/25
Date

# ANALYTICAL REPORT

December 17, 2025



## Legacy Landfill

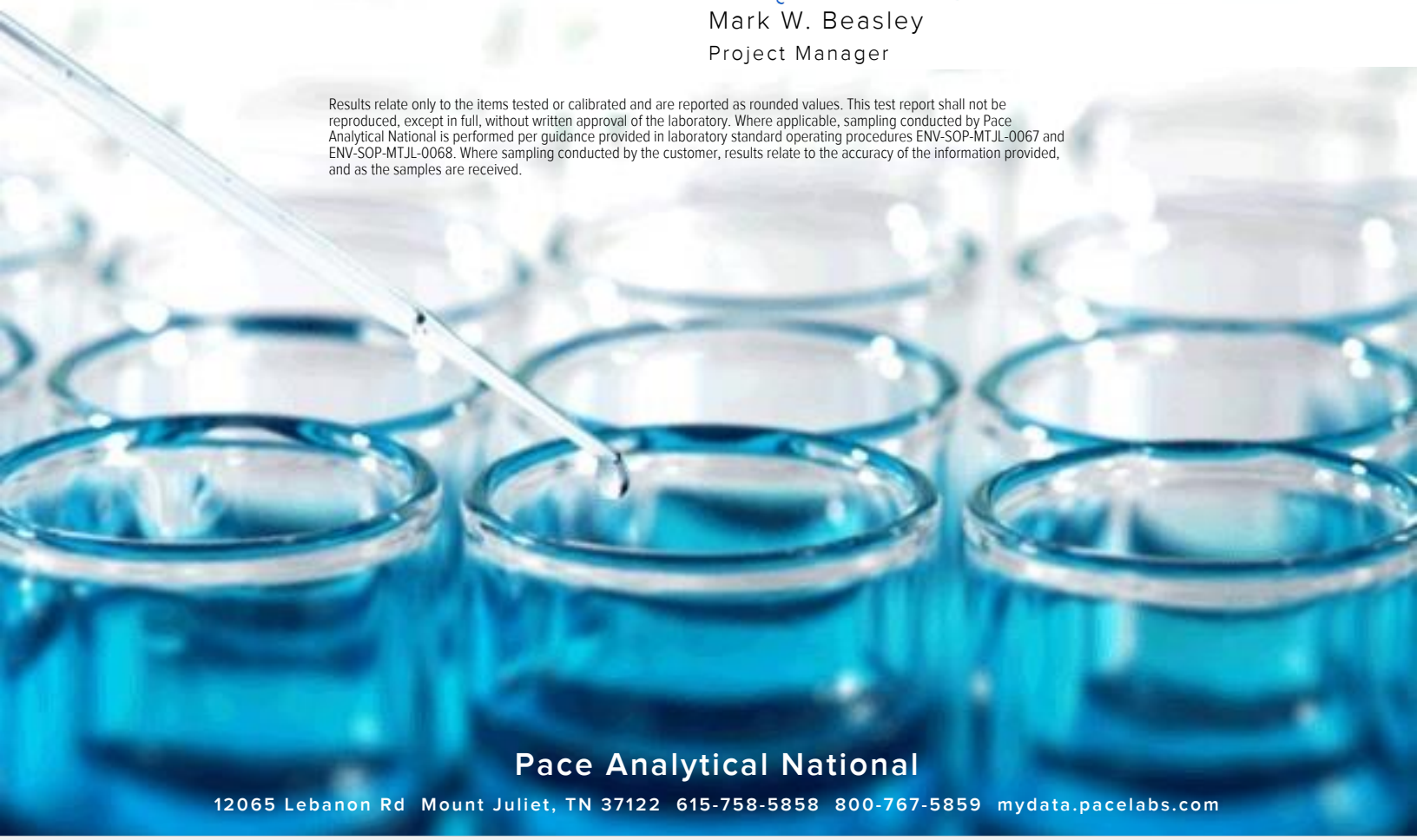
| | |
|---|---|
| Sample Delivery Group: | L1921578 |
| Samples Received: | 11/22/2025 |
| Project Number: | A25-01259 |
| Description: | Craighead County - Legacy Landfill |

Report To: Melissa Vaught
3537 N. Steele Blvd, Suite 310
Fayetteville, AR 72703

Entire Report Reviewed By:

Mark W. Beasley
Project Manager

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



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

# TABLE OF CONTENTS


Cp: Cover Page 1

Tc: Table of Contents 2

Ss: Sample Summary 3

Cn: Case Narrative 7

Sr: Sample Results 8

MW-9R2 L1921578-01 8

MW-14R L1921578-02 10

MW-16R L1921578-03 12

MW-17R L1921578-04 14

MW-19 L1921578-05 16

MW-20R L1921578-06 18

MW-21 L1921578-07 20

MW-22 L1921578-08 22

MW-23 L1921578-09 24

MW-24 L1921578-10 26

MW-25 L1921578-11 28

MW-26 L1921578-12 30

MW-27R L1921578-13 32

LEACHATE BLDG A L1921578-14 34

LEACHATE BLDG B L1921578-15 36

LEACHATE BLDG C L1921578-16 38

MW-20R DUP L1921578-17 40

EB-1 L1921578-18 42

Qc: Quality Control Summary 44

Gravimetric Analysis by Method 2540 C-2011 44

Wet Chemistry by Method 9056A 46

Wet Chemistry by Method 9060A 50

Metals (ICPMS) by Method 6020B 52

Volatile Organic Compounds (GC/MS) by Method 8260D 56

Gl: Glossary of Terms 70

Al: Accreditations & Locations 72

Sc: Sample Chain of Custody 73

## MW-9R2 L1921578-01

Collected by: Michael Clayton | Collected date/time: 11/19/25 10:00 | Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2647003 | 1 | 11/25/25 07:50 | 11/26/25 09:00 | AMG | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2645920 | 1 | 11/27/25 02:51 | 11/27/25 02:51 | GEB | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2649724 | 1 | 12/01/25 21:02 | 12/01/25 21:02 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2646589 | 1 | 12/01/25 17:48 | 12/13/25 20:20 | TMT | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2647807 | 1 | 11/26/25 13:42 | 11/26/25 13:42 | JAH | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2648776 | 1 | 11/28/25 14:39 | 11/28/25 14:39 | NCD | Mt. Juliet, TN |

## MW-14R L1921578-02

Collected by: Michael Clayton | Collected date/time: 11/18/25 12:45 | Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2646036 | 1 | 11/23/25 14:09 | 11/24/25 08:00 | BDC | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2645920 | 1 | 11/27/25 03:01 | 11/27/25 03:01 | GEB | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2649724 | 1 | 12/01/25 21:17 | 12/01/25 21:17 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2646589 | 1 | 12/01/25 17:48 | 12/13/25 20:07 | TMT | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2647601 | 1 | 11/26/25 03:29 | 11/26/25 03:29 | DYW | Mt. Juliet, TN |

## MW-16R L1921578-03

Collected by: Michael Clayton | Collected date/time: 11/18/25 14:40 | Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2646036 | 1 | 11/23/25 14:09 | 11/24/25 08:00 | BDC | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2645920 | 1 | 11/27/25 03:12 | 11/27/25 03:12 | GEB | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2649724 | 1 | 12/01/25 21:33 | 12/01/25 21:33 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2646589 | 1 | 12/01/25 17:48 | 12/13/25 20:23 | TMT | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2647807 | 1 | 11/26/25 14:03 | 11/26/25 14:03 | JAH | Mt. Juliet, TN |

## MW-17R L1921578-04

Collected by: Michael Clayton | Collected date/time: 11/18/25 14:20 | Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2646036 | 1 | 11/23/25 14:09 | 11/24/25 08:00 | BDC | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2645920 | 1 | 11/27/25 03:22 | 11/27/25 03:22 | GEB | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2649724 | 1 | 12/01/25 22:25 | 12/01/25 22:25 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2650234 | 1 | 12/02/25 19:28 | 12/16/25 15:12 | JDB | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2647807 | 1 | 11/26/25 14:24 | 11/26/25 14:24 | JAH | Mt. Juliet, TN |

## MW-19 L1921578-05

Collected by: Michael Clayton | Collected date/time: 11/18/25 15:30 | Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2646036 | 1 | 11/23/25 14:09 | 11/24/25 08:00 | BDC | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2645920 | 1 | 11/27/25 03:54 | 11/27/25 03:54 | GEB | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2649724 | 1 | 12/01/25 23:23 | 12/01/25 23:23 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2646589 | 1 | 12/01/25 17:48 | 12/13/25 20:26 | TMT | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2648504 | 1 | 11/29/25 11:05 | 11/29/25 11:05 | ACG | Mt. Juliet, TN |

## MW-20R L1921578-06

Collected by: Michael Clayton | Collected date/time: 11/19/25 15:50 | Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2647003 | 1 | 11/25/25 07:50 | 11/26/25 09:00 | AMG | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2645920 | 1 | 11/27/25 04:05 | 11/27/25 04:05 | GEB | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2649724 | 1 | 12/01/25 23:54 | 12/01/25 23:54 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2646589 | 1 | 12/01/25 17:48 | 12/13/25 20:29 | TMT | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2648504 | 1 | 11/29/25 11:26 | 11/29/25 11:26 | ACG | Mt. Juliet, TN |

## MW-21 L1921578-07

Collected by: Michael Clayton | Collected date/time: 11/21/25 11:00 | Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2647003 | 1 | 11/25/25 07:50 | 11/26/25 09:00 | AMG | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2645920 | 1 | 11/27/25 04:15 | 11/27/25 04:15 | GEB | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2649724 | 1 | 12/02/25 00:09 | 12/02/25 00:09 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2646589 | 1 | 12/01/25 17:48 | 12/13/25 20:40 | TMT | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2648504 | 1 | 11/29/25 11:46 | 11/29/25 11:46 | ACG | Mt. Juliet, TN |

## MW-22 L1921578-08

Collected by: Michael Clayton | Collected date/time: 11/18/25 09:55 | Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2646036 | 1 | 11/23/25 14:09 | 11/24/25 08:00 | BDC | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2645920 | 1 | 11/27/25 04:26 | 11/27/25 04:26 | GEB | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2649724 | 1 | 12/02/25 00:25 | 12/02/25 00:25 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2646589 | 1 | 12/01/25 17:48 | 12/13/25 20:43 | TMT | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2648504 | 1 | 11/29/25 12:06 | 11/29/25 12:06 | ACG | Mt. Juliet, TN |

## MW-23 L1921578-09

Collected by: Michael Clayton | Collected date/time: 11/19/25 12:20 | Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2647003 | 1 | 11/25/25 07:50 | 11/26/25 09:00 | AMG | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2645920 | 1 | 11/27/25 04:36 | 11/27/25 04:36 | GEB | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2649724 | 1 | 12/02/25 00:47 | 12/02/25 00:47 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2646589 | 1 | 12/01/25 17:48 | 12/13/25 20:46 | TMT | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2648504 | 1 | 11/29/25 12:26 | 11/29/25 12:26 | ACG | Mt. Juliet, TN |

## MW-24 L1921578-10

Collected by: Michael Clayton | Collected date/time: 11/19/25 13:30 | Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2647003 | 1 | 11/25/25 07:50 | 11/26/25 09:00 | AMG | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2645920 | 1 | 11/27/25 04:47 | 11/27/25 04:47 | GEB | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2649724 | 1 | 12/02/25 01:03 | 12/02/25 01:03 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2646589 | 1 | 12/01/25 17:48 | 12/13/25 20:49 | TMT | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2648504 | 1 | 11/29/25 12:46 | 11/29/25 12:46 | ACG | Mt. Juliet, TN |

## MW-25 L1921578-11

Collected by: Michael Clayton | Collected date/time: 11/19/25 14:45 | Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2647003 | 1 | 11/25/25 07:50 | 11/26/25 09:00 | AMG | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2645920 | 1 | 11/27/25 04:58 | 11/27/25 04:58 | GEB | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2649724 | 1 | 12/02/25 01:18 | 12/02/25 01:18 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2646589 | 1 | 12/01/25 17:48 | 12/13/25 20:52 | TMT | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2648504 | 1 | 11/29/25 13:06 | 11/29/25 13:06 | ACG | Mt. Juliet, TN |

## MW-26 L1921578-12

Collected by: Michael Clayton | Collected date/time: 11/21/25 13:10 | Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2647003 | 1 | 11/25/25 07:50 | 11/26/25 09:00 | AMG | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2645920 | 1 | 11/27/25 05:08 | 11/27/25 05:08 | GEB | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2649724 | 1 | 12/02/25 01:33 | 12/02/25 01:33 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2646589 | 1 | 12/01/25 17:48 | 12/13/25 20:55 | TMT | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2648504 | 1 | 11/29/25 13:26 | 11/29/25 13:26 | ACG | Mt. Juliet, TN |

## MW-27R L1921578-13

Collected by: Michael Clayton | Collected date/time: 11/21/25 11:55 | Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2647003 | 1 | 11/25/25 07:50 | 11/26/25 09:00 | AMG | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2645920 | 1 | 11/27/25 05:19 | 11/27/25 05:19 | GEB | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2649724 | 1 | 12/02/25 01:48 | 12/02/25 01:48 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2646589 | 1 | 12/01/25 17:48 | 12/13/25 20:58 | TMT | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2648504 | 1 | 11/29/25 13:46 | 11/29/25 13:46 | ACG | Mt. Juliet, TN |

## LEACHATE BLDG A L1921578-14

Collected by: Michael Clayton | Collected date/time: 11/21/25 14:00 | Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2647003 | 1 | 11/25/25 07:50 | 11/26/25 09:00 | AMG | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2645920 | 5 | 11/27/25 05:51 | 11/27/25 05:51 | GEB | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2645920 | 50 | 11/27/25 06:01 | 11/27/25 06:01 | GEB | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2650018 | 20 | 12/01/25 22:02 | 12/01/25 22:02 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2650234 | 10 | 12/02/25 19:28 | 12/16/25 20:52 | LD | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2650234 | 5 | 12/02/25 19:28 | 12/16/25 15:15 | LD | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2649262 | 10 | 11/29/25 21:51 | 11/29/25 21:51 | JHH | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2650420 | 10 | 12/02/25 17:11 | 12/02/25 17:11 | JAH | Mt. Juliet, TN |

## LEACHATE BLDG B L1921578-15

Collected by: Michael Clayton | Collected date/time: 11/21/25 14:30 | Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2647003 | 1 | 11/25/25 07:50 | 11/26/25 09:00 | AMG | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2645921 | 1 | 11/28/25 18:55 | 11/28/25 18:55 | ZSA | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2650018 | 1 | 12/01/25 22:22 | 12/01/25 22:22 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2646589 | 1 | 12/01/25 17:48 | 12/13/25 21:01 | TMT | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2649262 | 1 | 11/29/25 15:51 | 11/29/25 15:51 | JHH | Mt. Juliet, TN |

## LEACHATE BLDG C L1921578-16

Collected by: Michael Clayton | Collected date/time: 11/21/25 15:00 | Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2647003 | 1 | 11/25/25 07:50 | 11/26/25 09:00 | AMG | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2645921 | 50 | 11/28/25 19:17 | 11/28/25 19:17 | ZSA | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2650018 | 20 | 12/01/25 22:44 | 12/01/25 22:44 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2650234 | 9 | 12/02/25 19:28 | 12/16/25 18:03 | LD | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2650234 | 9 | 12/02/25 19:28 | 12/16/25 20:56 | LD | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2649262 | 1 | 11/29/25 16:12 | 11/29/25 16:12 | JHH | Mt. Juliet, TN |

## MW-20R DUP L1921578-17

Collected by: Michael Clayton | Collected date/time: 11/19/25 15:55 | Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2647003 | 1 | 11/25/25 07:50 | 11/26/25 09:00 | AMG | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2645921 | 1 | 11/28/25 19:28 | 11/28/25 19:28 | ZSA | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2650018 | 1 | 12/01/25 23:01 | 12/01/25 23:01 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2646589 | 1 | 12/01/25 17:48 | 12/13/25 21:04 | TMT | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2649262 | 1 | 11/29/25 16:34 | 11/29/25 16:34 | JHH | Mt. Juliet, TN |

## EB-1 L1921578-18

Collected by: Michael Clayton | Collected date/time: 11/21/25 13:40 | Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Gravimetric Analysis by Method 2540 C-2011 | WG2647003 | 1 | 11/25/25 07:50 | 11/26/25 09:00 | AMG | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG2645921 | 1 | 11/28/25 20:22 | 11/28/25 20:22 | ZSA | Mt. Juliet, TN |
| Wet Chemistry by Method 9060A | WG2650018 | 1 | 12/02/25 00:07 | 12/02/25 00:07 | TMH | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020B | WG2646589 | 1 | 12/01/25 17:48 | 12/13/25 21:07 | TMT | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2648504 | 1 | 11/29/25 14:07 | 11/29/25 14:07 | ACG | Mt. Juliet, TN |

# CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. 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.



Mark W. Beasley
Project Manager

## Sample Delivery Group (SDG) Narrative

**pH outside of method requirement.**

| Lab Sample ID | Project Sample ID | Method |
|---|---|---|
| L1921578-14 | LEACHATE BLDG A | 8260D |

**The following analysis were performed from an unpreserved, insufficiently or inadequately preserved sample.**

| Lab Sample ID | Project Sample ID | Method |
|---|---|---|
| L1921578-14 | LEACHATE BLDG A | 9060A |
| L1921578-16 | LEACHATE BLDG C | 6020B, 9060A |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 320000 | J3 | 10000 | 1 | 11/26/2025 09:00 | WG2647003 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 7800 | | 547 | 1000 | 1 | 11/27/2025 02:51 | WG2645920 |
| Sulfate | 20300 | | 637 | 5000 | 1 | 11/27/2025 02:51 | WG2645920 |

## Wet Chemistry by Method 9060A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 698 | J | 495 | 1000 | 1 | 12/01/2025 21:02 | WG2649724 |

## Metals (ICPMS) by Method 6020B

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Antimony | 0.502 | J | 0.310 | 4.00 | 1 | 12/13/2025 20:20 | WG2646589 |
| Arsenic | 2.84 | | 0.120 | 2.00 | 1 | 12/13/2025 20:20 | WG2646589 |
| Barium | 182 | | 0.500 | 2.00 | 1 | 12/13/2025 20:20 | WG2646589 |
| Beryllium | 0.357 | J | 0.200 | 2.00 | 1 | 12/13/2025 20:20 | WG2646589 |
| Cadmium | 0.426 | J | 0.120 | 1.00 | 1 | 12/13/2025 20:20 | WG2646589 |
| Chromium | U | | 0.900 | 2.00 | 1 | 12/13/2025 20:20 | WG2646589 |
| Copper | 1.60 | B J | 0.700 | 5.00 | 1 | 12/13/2025 20:20 | WG2646589 |
| Cobalt | 0.612 | J | 0.100 | 2.00 | 1 | 12/13/2025 20:20 | WG2646589 |
| Iron | 2780 | | 22.6 | 100 | 1 | 12/13/2025 20:20 | WG2646589 |
| Lead | 0.536 | J | 0.500 | 2.00 | 1 | 12/13/2025 20:20 | WG2646589 |
| Manganese | 827 | | 0.700 | 5.00 | 1 | 12/13/2025 20:20 | WG2646589 |
| Nickel | 7.70 | | 0.500 | 2.00 | 1 | 12/13/2025 20:20 | WG2646589 |
| Selenium | 0.447 | J | 0.250 | 2.00 | 1 | 12/13/2025 20:20 | WG2646589 |
| Silver | 0.116 | J | 0.110 | 2.00 | 1 | 12/13/2025 20:20 | WG2646589 |
| Thallium | 0.450 | J | 0.130 | 2.00 | 1 | 12/13/2025 20:20 | WG2646589 |
| Vanadium | 0.606 | J | 0.520 | 5.00 | 1 | 12/13/2025 20:20 | WG2646589 |
| Zinc | 14.0 | J | 4.00 | 25.0 | 1 | 12/13/2025 20:20 | WG2646589 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | J3 | 46.9 | 50.0 | 1 | 11/26/2025 13:42 | WG2647807 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 11/26/2025 13:42 | WG2647807 |
| Benzene | U | | 0.320 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| Bromomethane | U | C3 | 4.85 | 5.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| Carbon disulfide | U | | 0.510 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| 1,2-Dibromo-3-Chloropropane | U | | 1.25 | 5.00 | 1 | 11/26/2025 13:42 | WG2647807 |

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| trans-1,4-Dichloro-2-butene | U | | 1.86 | 2.50 | 1 | 11/26/2025 13:42 | WG2647807 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| 1,1-Dichloroethene | U | | 0.422 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| cis-1,2-Dichloroethene | 0.504 | J | 0.323 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 11/26/2025 13:42 | WG2647807 |
| Iodomethane | U | C3 | 9.96 | 30.0 | 1 | 11/26/2025 13:42 | WG2647807 |
| 2-Butanone (MEK) | U | J3 | 9.00 | 20.0 | 1 | 11/26/2025 13:42 | WG2647807 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 11/26/2025 13:42 | WG2647807 |
| Styrene | U | | 0.342 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 11/28/2025 14:39 | WG2648776 |
| Toluene | U | | 0.274 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| Trichlorofluoromethane | U | | 3.04 | 5.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 11/26/2025 13:42 | WG2647807 |
| Vinyl acetate | U | | 8.47 | 10.0 | 1 | 11/26/2025 13:42 | WG2647807 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 11/26/2025 13:42 | WG2647807 |
| *(S) Toluene-d8* | *108* | | | *80.0-120* | | *11/26/2025 13:42* | WG2647807 |
| *(S) Toluene-d8* | *95.3* | | | *80.0-120* | | *11/28/2025 14:39* | WG2648776 |
| *(S) 4-Bromofluorobenzene* | *90.8* | | | *77.0-126* | | *11/26/2025 13:42* | WG2647807 |
| *(S) 4-Bromofluorobenzene* | *99.4* | | | *77.0-126* | | *11/28/2025 14:39* | WG2648776 |
| *(S) 1,2-Dichloroethane-d4* | *104* | | | *70.0-130* | | *11/26/2025 13:42* | WG2647807 |
| *(S) 1,2-Dichloroethane-d4* | *107* | | | *70.0-130* | | *11/28/2025 14:39* | WG2648776 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 559000 | | 13300 | 1 | 11/24/2025 08:00 | WG2646036 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 42100 | | 547 | 1000 | 1 | 11/27/2025 03:01 | WG2645920 |
| Sulfate | 65900 | | 637 | 5000 | 1 | 11/27/2025 03:01 | WG2645920 |

## Wet Chemistry by Method 9060A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 752 | J | 495 | 1000 | 1 | 12/01/2025 21:17 | WG2649724 |

## Metals (ICPMS) by Method 6020B

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Antimony | U | | 0.310 | 4.00 | 1 | 12/13/2025 20:07 | WG2646589 |
| Arsenic | 2.51 | | 0.120 | 2.00 | 1 | 12/13/2025 20:07 | WG2646589 |
| Barium | 283 | V | 0.500 | 2.00 | 1 | 12/13/2025 20:07 | WG2646589 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 12/13/2025 20:07 | WG2646589 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 12/13/2025 20:07 | WG2646589 |
| Chromium | U | | 0.900 | 2.00 | 1 | 12/13/2025 20:07 | WG2646589 |
| Copper | 2.27 | B J | 0.700 | 5.00 | 1 | 12/13/2025 20:07 | WG2646589 |
| Cobalt | 0.573 | J | 0.100 | 2.00 | 1 | 12/13/2025 20:07 | WG2646589 |
| Iron | 8590 | | 22.6 | 100 | 1 | 12/13/2025 20:07 | WG2646589 |
| Lead | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:07 | WG2646589 |
| Manganese | 313 | | 0.700 | 5.00 | 1 | 12/13/2025 20:07 | WG2646589 |
| Nickel | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:07 | WG2646589 |
| Selenium | U | | 0.250 | 2.00 | 1 | 12/13/2025 20:07 | WG2646589 |
| Silver | U | | 0.110 | 2.00 | 1 | 12/13/2025 20:07 | WG2646589 |
| Thallium | U | | 0.130 | 2.00 | 1 | 12/13/2025 20:07 | WG2646589 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 12/13/2025 20:07 | WG2646589 |
| Zinc | 17.1 | J J6 | 4.00 | 25.0 | 1 | 12/13/2025 20:07 | WG2646589 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | C3 | 46.9 | 50.0 | 1 | 11/26/2025 03:29 | WG2647601 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 11/26/2025 03:29 | WG2647601 |
| Benzene | U | | 0.320 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| Bromomethane | U | | 4.85 | 5.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| Carbon disulfide | U | | 0.510 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| 1,2-Dibromo-3-Chloropropane | U | | 1.25 | 5.00 | 1 | 11/26/2025 03:29 | WG2647601 |

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 | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| trans-1,4-Dichloro-2-butene | U | | 1.86 | 2.50 | 1 | 11/26/2025 03:29 | WG2647601 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| 1,1-Dichloroethene | U | | 0.422 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 11/26/2025 03:29 | WG2647601 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 11/26/2025 03:29 | WG2647601 |
| 2-Butanone (MEK) | U | C3 | 9.00 | 20.0 | 1 | 11/26/2025 03:29 | WG2647601 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 11/26/2025 03:29 | WG2647601 |
| Styrene | U | | 0.342 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| Toluene | U | | 0.274 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| Trichlorofluoromethane | U | | 3.04 | 5.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 11/26/2025 03:29 | WG2647601 |
| Vinyl acetate | U | C3 | 8.47 | 10.0 | 1 | 11/26/2025 03:29 | WG2647601 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 11/26/2025 03:29 | WG2647601 |
| *(S) Toluene-d8* | *107* | | | *80.0-120* | | *11/26/2025 03:29* | WG2647601 |
| *(S) 4-Bromofluorobenzene* | *107* | | | *77.0-126* | | *11/26/2025 03:29* | WG2647601 |
| *(S) 1,2-Dichloroethane-d4* | *95.1* | | | *70.0-130* | | *11/26/2025 03:29* | WG2647601 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 349000 | | 10000 | 1 | 11/24/2025 08:00 | WG2646036 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 9570 | | 547 | 1000 | 1 | 11/27/2025 03:12 | WG2645920 |
| Sulfate | 24100 | | 637 | 5000 | 1 | 11/27/2025 03:12 | WG2645920 |

## Wet Chemistry by Method 9060A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 817 | J | 495 | 1000 | 1 | 12/01/2025 21:33 | WG2649724 |

## Metals (ICPMS) by Method 6020B

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Antimony | U | | 0.310 | 4.00 | 1 | 12/13/2025 20:23 | WG2646589 |
| Arsenic | 1.10 | J | 0.120 | 2.00 | 1 | 12/13/2025 20:23 | WG2646589 |
| Barium | 123 | | 0.500 | 2.00 | 1 | 12/13/2025 20:23 | WG2646589 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 12/13/2025 20:23 | WG2646589 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 12/13/2025 20:23 | WG2646589 |
| Chromium | 0.941 | J | 0.900 | 2.00 | 1 | 12/13/2025 20:23 | WG2646589 |
| Copper | 0.895 | B J | 0.700 | 5.00 | 1 | 12/13/2025 20:23 | WG2646589 |
| Cobalt | U | | 0.100 | 2.00 | 1 | 12/13/2025 20:23 | WG2646589 |
| Iron | 1120 | | 22.6 | 100 | 1 | 12/13/2025 20:23 | WG2646589 |
| Lead | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:23 | WG2646589 |
| Manganese | 638 | | 0.700 | 5.00 | 1 | 12/13/2025 20:23 | WG2646589 |
| Nickel | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:23 | WG2646589 |
| Selenium | U | | 0.250 | 2.00 | 1 | 12/13/2025 20:23 | WG2646589 |
| Silver | U | | 0.110 | 2.00 | 1 | 12/13/2025 20:23 | WG2646589 |
| Thallium | U | | 0.130 | 2.00 | 1 | 12/13/2025 20:23 | WG2646589 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 12/13/2025 20:23 | WG2646589 |
| Zinc | 10.9 | J | 4.00 | 25.0 | 1 | 12/13/2025 20:23 | WG2646589 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | J3 | 46.9 | 50.0 | 1 | 11/26/2025 14:03 | WG2647807 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 11/26/2025 14:03 | WG2647807 |
| Benzene | U | | 0.320 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| Bromomethane | U | C3 | 4.85 | 5.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| Carbon disulfide | U | | 0.510 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| 1,2-Dibromo-3-Chloropropane | U | | 1.25 | 5.00 | 1 | 11/26/2025 14:03 | WG2647807 |

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 | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| trans-1,4-Dichloro-2-butene | U | | 1.86 | 2.50 | 1 | 11/26/2025 14:03 | WG2647807 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| 1,1-Dichloroethene | U | | 0.422 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 11/26/2025 14:03 | WG2647807 |
| Iodomethane | U | C3 | 9.96 | 30.0 | 1 | 11/26/2025 14:03 | WG2647807 |
| 2-Butanone (MEK) | U | J3 | 9.00 | 20.0 | 1 | 11/26/2025 14:03 | WG2647807 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 11/26/2025 14:03 | WG2647807 |
| Styrene | U | | 0.342 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| Toluene | U | | 0.274 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| Trichlorofluoromethane | U | | 3.04 | 5.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 11/26/2025 14:03 | WG2647807 |
| Vinyl acetate | U | | 8.47 | 10.0 | 1 | 11/26/2025 14:03 | WG2647807 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 11/26/2025 14:03 | WG2647807 |
| *(S) Toluene-d8* | *107* | | | *80.0-120* | | *11/26/2025 14:03* | WG2647807 |
| *(S) 4-Bromofluorobenzene* | *88.4* | | | *77.0-126* | | *11/26/2025 14:03* | WG2647807 |
| *(S) 1,2-Dichloroethane-d4* | *105* | | | *70.0-130* | | *11/26/2025 14:03* | WG2647807 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 456000 | | 10000 | 1 | 11/24/2025 08:00 | WG2646036 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 7870 | | 547 | 1000 | 1 | 11/27/2025 03:22 | WG2645920 |
| Sulfate | 36100 | | 637 | 5000 | 1 | 11/27/2025 03:22 | WG2645920 |

## Wet Chemistry by Method 9060A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 843 | J | 495 | 1000 | 1 | 12/01/2025 22:25 | WG2649724 |

## Metals (ICPMS) by Method 6020B

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Antimony | U | | 0.310 | 4.00 | 1 | 12/16/2025 15:12 | WG2650234 |
| Arsenic | 0.892 | J | 0.120 | 2.00 | 1 | 12/16/2025 15:12 | WG2650234 |
| Barium | 159 | | 0.500 | 2.00 | 1 | 12/16/2025 15:12 | WG2650234 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 12/16/2025 15:12 | WG2650234 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 12/16/2025 15:12 | WG2650234 |
| Chromium | U | | 0.900 | 2.00 | 1 | 12/16/2025 15:12 | WG2650234 |
| Copper | 22.7 | | 0.700 | 5.00 | 1 | 12/16/2025 15:12 | WG2650234 |
| Cobalt | 0.132 | J | 0.100 | 2.00 | 1 | 12/16/2025 15:12 | WG2650234 |
| Iron | 2290 | | 22.6 | 100 | 1 | 12/16/2025 15:12 | WG2650234 |
| Lead | U | | 0.500 | 2.00 | 1 | 12/16/2025 15:12 | WG2650234 |
| Manganese | 41.4 | | 0.700 | 5.00 | 1 | 12/16/2025 15:12 | WG2650234 |
| Nickel | U | | 0.500 | 2.00 | 1 | 12/16/2025 15:12 | WG2650234 |
| Selenium | U | | 0.250 | 2.00 | 1 | 12/16/2025 15:12 | WG2650234 |
| Silver | U | | 0.110 | 2.00 | 1 | 12/16/2025 15:12 | WG2650234 |
| Thallium | U | | 0.130 | 2.00 | 1 | 12/16/2025 15:12 | WG2650234 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 12/16/2025 15:12 | WG2650234 |
| Zinc | U | | 4.00 | 25.0 | 1 | 12/16/2025 15:12 | WG2650234 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | J3 | 46.9 | 50.0 | 1 | 11/26/2025 14:24 | WG2647807 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 11/26/2025 14:24 | WG2647807 |
| Benzene | U | | 0.320 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| Bromomethane | U | C3 | 4.85 | 5.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| Carbon disulfide | U | | 0.510 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| 1,2-Dibromo-3-Chloropropane | U | | 1.25 | 5.00 | 1 | 11/26/2025 14:24 | WG2647807 |

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| trans-1,4-Dichloro-2-butene | U | | 1.86 | 2.50 | 1 | 11/26/2025 14:24 | WG2647807 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| 1,1-Dichloroethene | U | | 0.422 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 11/26/2025 14:24 | WG2647807 |
| Iodomethane | U | C3 | 9.96 | 30.0 | 1 | 11/26/2025 14:24 | WG2647807 |
| 2-Butanone (MEK) | U | J3 | 9.00 | 20.0 | 1 | 11/26/2025 14:24 | WG2647807 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 11/26/2025 14:24 | WG2647807 |
| Styrene | U | | 0.342 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| Toluene | U | | 0.274 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| Trichlorofluoromethane | U | | 3.04 | 5.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 11/26/2025 14:24 | WG2647807 |
| Vinyl acetate | U | | 8.47 | 10.0 | 1 | 11/26/2025 14:24 | WG2647807 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 11/26/2025 14:24 | WG2647807 |
| *(S) Toluene-d8* | *107* | | | *80.0-120* | | *11/26/2025 14:24* | WG2647807 |
| *(S) 4-Bromofluorobenzene* | *88.7* | | | *77.0-126* | | *11/26/2025 14:24* | WG2647807 |
| *(S) 1,2-Dichloroethane-d4* | *103* | | | *70.0-130* | | *11/26/2025 14:24* | WG2647807 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 368000 | | 10000 | 1 | 11/24/2025 08:00 | WG2646036 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 9950 | | 547 | 1000 | 1 | 11/27/2025 03:54 | WG2645920 |
| Sulfate | 28500 | | 637 | 5000 | 1 | 11/27/2025 03:54 | WG2645920 |

## Wet Chemistry by Method 9060A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 914 | J | 495 | 1000 | 1 | 12/01/2025 23:23 | WG2649724 |

## Metals (ICPMS) by Method 6020B

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Antimony | U | | 0.310 | 4.00 | 1 | 12/13/2025 20:26 | WG2646589 |
| Arsenic | 1.07 | J | 0.120 | 2.00 | 1 | 12/13/2025 20:26 | WG2646589 |
| Barium | 177 | | 0.500 | 2.00 | 1 | 12/13/2025 20:26 | WG2646589 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 12/13/2025 20:26 | WG2646589 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 12/13/2025 20:26 | WG2646589 |
| Chromium | U | | 0.900 | 2.00 | 1 | 12/13/2025 20:26 | WG2646589 |
| Copper | 1.29 | B J | 0.700 | 5.00 | 1 | 12/13/2025 20:26 | WG2646589 |
| Cobalt | U | | 0.100 | 2.00 | 1 | 12/13/2025 20:26 | WG2646589 |
| Iron | 1340 | | 22.6 | 100 | 1 | 12/13/2025 20:26 | WG2646589 |
| Lead | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:26 | WG2646589 |
| Manganese | 596 | | 0.700 | 5.00 | 1 | 12/13/2025 20:26 | WG2646589 |
| Nickel | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:26 | WG2646589 |
| Selenium | U | | 0.250 | 2.00 | 1 | 12/13/2025 20:26 | WG2646589 |
| Silver | U | | 0.110 | 2.00 | 1 | 12/13/2025 20:26 | WG2646589 |
| Thallium | U | | 0.130 | 2.00 | 1 | 12/13/2025 20:26 | WG2646589 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 12/13/2025 20:26 | WG2646589 |
| Zinc | 13.2 | J | 4.00 | 25.0 | 1 | 12/13/2025 20:26 | WG2646589 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 | 1 | 11/29/2025 11:05 | WG2648504 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 11/29/2025 11:05 | WG2648504 |
| Benzene | U | | 0.320 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| Bromomethane | U | | 4.85 | 5.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| Carbon disulfide | U | J3 | 0.510 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| 1,2-Dibromo-3-Chloropropane | U | C3 | 1.25 | 5.00 | 1 | 11/29/2025 11:05 | WG2648504 |

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| trans-1,4-Dichloro-2-butene | U | J3 | 1.86 | 2.50 | 1 | 11/29/2025 11:05 | WG2648504 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| 1,1-Dichloroethene | U | J3 J4 | 0.422 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 11/29/2025 11:05 | WG2648504 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 11/29/2025 11:05 | WG2648504 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 | 1 | 11/29/2025 11:05 | WG2648504 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 11/29/2025 11:05 | WG2648504 |
| Styrene | U | | 0.342 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| Toluene | U | | 0.274 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| Trichlorofluoromethane | U | J3 | 3.04 | 5.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 11/29/2025 11:05 | WG2648504 |
| Vinyl acetate | U | C3 | 8.47 | 10.0 | 1 | 11/29/2025 11:05 | WG2648504 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 11/29/2025 11:05 | WG2648504 |
| *(S) Toluene-d8* | *101* | | | *80.0-120* | | *11/29/2025 11:05* | WG2648504 |
| *(S) 4-Bromofluorobenzene* | *96.2* | | | *77.0-126* | | *11/29/2025 11:05* | WG2648504 |
| *(S) 1,2-Dichloroethane-d4* | *108* | | | *70.0-130* | | *11/29/2025 11:05* | WG2648504 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 231000 | | 10000 | 1 | 11/26/2025 09:00 | WG2647003 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 7870 | | 547 | 1000 | 1 | 11/27/2025 04:05 | WG2645920 |
| Sulfate | 19900 | | 637 | 5000 | 1 | 11/27/2025 04:05 | WG2645920 |

## Wet Chemistry by Method 9060A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 890 | J | 495 | 1000 | 1 | 12/01/2025 23:54 | WG2649724 |

## Metals (ICPMS) by Method 6020B

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Antimony | U | | 0.310 | 4.00 | 1 | 12/13/2025 20:29 | WG2646589 |
| Arsenic | 0.407 | J | 0.120 | 2.00 | 1 | 12/13/2025 20:29 | WG2646589 |
| Barium | 145 | | 0.500 | 2.00 | 1 | 12/13/2025 20:29 | WG2646589 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 12/13/2025 20:29 | WG2646589 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 12/13/2025 20:29 | WG2646589 |
| Chromium | U | | 0.900 | 2.00 | 1 | 12/13/2025 20:29 | WG2646589 |
| Copper | 2.00 | B J | 0.700 | 5.00 | 1 | 12/13/2025 20:29 | WG2646589 |
| Cobalt | U | | 0.100 | 2.00 | 1 | 12/13/2025 20:29 | WG2646589 |
| Iron | 2600 | | 22.6 | 100 | 1 | 12/13/2025 20:29 | WG2646589 |
| Lead | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:29 | WG2646589 |
| Manganese | 832 | | 0.700 | 5.00 | 1 | 12/13/2025 20:29 | WG2646589 |
| Nickel | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:29 | WG2646589 |
| Selenium | U | | 0.250 | 2.00 | 1 | 12/13/2025 20:29 | WG2646589 |
| Silver | U | | 0.110 | 2.00 | 1 | 12/13/2025 20:29 | WG2646589 |
| Thallium | U | | 0.130 | 2.00 | 1 | 12/13/2025 20:29 | WG2646589 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 12/13/2025 20:29 | WG2646589 |
| Zinc | 13.0 | J | 4.00 | 25.0 | 1 | 12/13/2025 20:29 | WG2646589 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 | 1 | 11/29/2025 11:26 | WG2648504 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 11/29/2025 11:26 | WG2648504 |
| Benzene | U | | 0.320 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| Bromomethane | U | | 4.85 | 5.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| Carbon disulfide | U | J3 | 0.510 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| 1,2-Dibromo-3-Chloropropane | U | C3 | 1.25 | 5.00 | 1 | 11/29/2025 11:26 | WG2648504 |

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| trans-1,4-Dichloro-2-butene | U | J3 | 1.86 | 2.50 | 1 | 11/29/2025 11:26 | WG2648504 |
| 1,1-Dichloroethane | 1.50 | | 0.389 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| 1,1-Dichloroethene | U | J3 J4 | 0.422 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| cis-1,2-Dichloroethene | 0.444 | J | 0.323 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 11/29/2025 11:26 | WG2648504 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 11/29/2025 11:26 | WG2648504 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 | 1 | 11/29/2025 11:26 | WG2648504 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 11/29/2025 11:26 | WG2648504 |
| Styrene | U | | 0.342 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| Toluene | U | | 0.274 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| Trichlorofluoromethane | U | J3 | 3.04 | 5.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 11/29/2025 11:26 | WG2648504 |
| Vinyl acetate | U | C3 | 8.47 | 10.0 | 1 | 11/29/2025 11:26 | WG2648504 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 11/29/2025 11:26 | WG2648504 |
| *(S) Toluene-d8* | *103* | | | *80.0-120* | | *11/29/2025 11:26* | WG2648504 |
| *(S) 4-Bromofluorobenzene* | *95.4* | | | *77.0-126* | | *11/29/2025 11:26* | WG2648504 |
| *(S) 1,2-Dichloroethane-d4* | *107* | | | *70.0-130* | | *11/29/2025 11:26* | WG2648504 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 295000 | | 10000 | 1 | 11/26/2025 09:00 | WG2647003 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 5770 | | 547 | 1000 | 1 | 11/27/2025 04:15 | WG2645920 |
| Sulfate | 10200 | | 637 | 5000 | 1 | 11/27/2025 04:15 | WG2645920 |

## Wet Chemistry by Method 9060A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 849 | J | 495 | 1000 | 1 | 12/02/2025 00:09 | WG2649724 |

## Metals (ICPMS) by Method 6020B

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Antimony | U | | 0.310 | 4.00 | 1 | 12/13/2025 20:40 | WG2646589 |
| Arsenic | 1.36 | J | 0.120 | 2.00 | 1 | 12/13/2025 20:40 | WG2646589 |
| Barium | 113 | | 0.500 | 2.00 | 1 | 12/13/2025 20:40 | WG2646589 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 12/13/2025 20:40 | WG2646589 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 12/13/2025 20:40 | WG2646589 |
| Chromium | U | | 0.900 | 2.00 | 1 | 12/13/2025 20:40 | WG2646589 |
| Copper | 1.67 | B J | 0.700 | 5.00 | 1 | 12/13/2025 20:40 | WG2646589 |
| Cobalt | U | | 0.100 | 2.00 | 1 | 12/13/2025 20:40 | WG2646589 |
| Iron | 1180 | | 22.6 | 100 | 1 | 12/13/2025 20:40 | WG2646589 |
| Lead | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:40 | WG2646589 |
| Manganese | 350 | | 0.700 | 5.00 | 1 | 12/13/2025 20:40 | WG2646589 |
| Nickel | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:40 | WG2646589 |
| Selenium | U | | 0.250 | 2.00 | 1 | 12/13/2025 20:40 | WG2646589 |
| Silver | U | | 0.110 | 2.00 | 1 | 12/13/2025 20:40 | WG2646589 |
| Thallium | U | | 0.130 | 2.00 | 1 | 12/13/2025 20:40 | WG2646589 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 12/13/2025 20:40 | WG2646589 |
| Zinc | 13.9 | J | 4.00 | 25.0 | 1 | 12/13/2025 20:40 | WG2646589 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 | 1 | 11/29/2025 11:46 | WG2648504 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 11/29/2025 11:46 | WG2648504 |
| Benzene | U | | 0.320 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| Bromomethane | U | | 4.85 | 5.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| Carbon disulfide | U | J3 | 0.510 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| 1,2-Dibromo-3-Chloropropane | U | C3 | 1.25 | 5.00 | 1 | 11/29/2025 11:46 | WG2648504 |

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| trans-1,4-Dichloro-2-butene | U | J3 | 1.86 | 2.50 | 1 | 11/29/2025 11:46 | WG2648504 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| 1,1-Dichloroethene | U | J3 J4 | 0.422 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 11/29/2025 11:46 | WG2648504 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 11/29/2025 11:46 | WG2648504 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 | 1 | 11/29/2025 11:46 | WG2648504 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 11/29/2025 11:46 | WG2648504 |
| Styrene | U | | 0.342 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| Toluene | U | | 0.274 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| Trichlorofluoromethane | U | J3 | 3.04 | 5.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 11/29/2025 11:46 | WG2648504 |
| Vinyl acetate | U | C3 | 8.47 | 10.0 | 1 | 11/29/2025 11:46 | WG2648504 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 11/29/2025 11:46 | WG2648504 |
| *(S) Toluene-d8* | *102* | | | *80.0-120* | | *11/29/2025 11:46* | WG2648504 |
| *(S) 4-Bromofluorobenzene* | *94.4* | | | *77.0-126* | | *11/29/2025 11:46* | WG2648504 |
| *(S) 1,2-Dichloroethane-d4* | *110* | | | *70.0-130* | | *11/29/2025 11:46* | WG2648504 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 224000 | | 10000 | 1 | 11/24/2025 08:00 | WG2646036 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 4230 | | 547 | 1000 | 1 | 11/27/2025 04:26 | WG2645920 |
| Sulfate | 10400 | | 637 | 5000 | 1 | 11/27/2025 04:26 | WG2645920 |

## Wet Chemistry by Method 9060A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 713 | J | 495 | 1000 | 1 | 12/02/2025 00:25 | WG2649724 |

## Metals (ICPMS) by Method 6020B

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Antimony | U | | 0.310 | 4.00 | 1 | 12/13/2025 20:43 | WG2646589 |
| Arsenic | 4.54 | | 0.120 | 2.00 | 1 | 12/13/2025 20:43 | WG2646589 |
| Barium | 66.1 | | 0.500 | 2.00 | 1 | 12/13/2025 20:43 | WG2646589 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 12/13/2025 20:43 | WG2646589 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 12/13/2025 20:43 | WG2646589 |
| Chromium | U | | 0.900 | 2.00 | 1 | 12/13/2025 20:43 | WG2646589 |
| Copper | 1.04 | B J | 0.700 | 5.00 | 1 | 12/13/2025 20:43 | WG2646589 |
| Cobalt | U | | 0.100 | 2.00 | 1 | 12/13/2025 20:43 | WG2646589 |
| Iron | 1050 | | 22.6 | 100 | 1 | 12/13/2025 20:43 | WG2646589 |
| Lead | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:43 | WG2646589 |
| Manganese | 259 | | 0.700 | 5.00 | 1 | 12/13/2025 20:43 | WG2646589 |
| Nickel | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:43 | WG2646589 |
| Selenium | U | | 0.250 | 2.00 | 1 | 12/13/2025 20:43 | WG2646589 |
| Silver | 0.133 | J | 0.110 | 2.00 | 1 | 12/13/2025 20:43 | WG2646589 |
| Thallium | U | | 0.130 | 2.00 | 1 | 12/13/2025 20:43 | WG2646589 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 12/13/2025 20:43 | WG2646589 |
| Zinc | 18.6 | J | 4.00 | 25.0 | 1 | 12/13/2025 20:43 | WG2646589 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 | 1 | 11/29/2025 12:06 | WG2648504 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 11/29/2025 12:06 | WG2648504 |
| Benzene | U | | 0.320 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| Bromomethane | U | | 4.85 | 5.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| Carbon disulfide | U | J3 | 0.510 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| 1,2-Dibromo-3-Chloropropane | U | C3 | 1.25 | 5.00 | 1 | 11/29/2025 12:06 | WG2648504 |

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| trans-1,4-Dichloro-2-butene | U | J3 | 1.86 | 2.50 | 1 | 11/29/2025 12:06 | WG2648504 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| 1,1-Dichloroethene | U | J3 J4 | 0.422 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 11/29/2025 12:06 | WG2648504 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 11/29/2025 12:06 | WG2648504 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 | 1 | 11/29/2025 12:06 | WG2648504 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 11/29/2025 12:06 | WG2648504 |
| Styrene | U | | 0.342 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| Toluene | U | | 0.274 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| Trichlorofluoromethane | U | J3 | 3.04 | 5.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 11/29/2025 12:06 | WG2648504 |
| Vinyl acetate | U | C3 | 8.47 | 10.0 | 1 | 11/29/2025 12:06 | WG2648504 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 11/29/2025 12:06 | WG2648504 |
| *(S) Toluene-d8* | *102* | | | *80.0-120* | | *11/29/2025 12:06* | WG2648504 |
| *(S) 4-Bromofluorobenzene* | *95.7* | | | *77.0-126* | | *11/29/2025 12:06* | WG2648504 |
| *(S) 1,2-Dichloroethane-d4* | *108* | | | *70.0-130* | | *11/29/2025 12:06* | WG2648504 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 372000 | | 10000 | 1 | 11/26/2025 09:00 | WG2647003 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 7730 | | 547 | 1000 | 1 | 11/27/2025 04:36 | WG2645920 |
| Sulfate | 25900 | | 637 | 5000 | 1 | 11/27/2025 04:36 | WG2645920 |

## Wet Chemistry by Method 9060A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 866 | J | 495 | 1000 | 1 | 12/02/2025 00:47 | WG2649724 |

## Metals (ICPMS) by Method 6020B

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Antimony | U | | 0.310 | 4.00 | 1 | 12/13/2025 20:46 | WG2646589 |
| Arsenic | 1.68 | J | 0.120 | 2.00 | 1 | 12/13/2025 20:46 | WG2646589 |
| Barium | 132 | | 0.500 | 2.00 | 1 | 12/13/2025 20:46 | WG2646589 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 12/13/2025 20:46 | WG2646589 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 12/13/2025 20:46 | WG2646589 |
| Chromium | U | | 0.900 | 2.00 | 1 | 12/13/2025 20:46 | WG2646589 |
| Copper | 1.59 | B J | 0.700 | 5.00 | 1 | 12/13/2025 20:46 | WG2646589 |
| Cobalt | U | | 0.100 | 2.00 | 1 | 12/13/2025 20:46 | WG2646589 |
| Iron | 2470 | | 22.6 | 100 | 1 | 12/13/2025 20:46 | WG2646589 |
| Lead | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:46 | WG2646589 |
| Manganese | 287 | | 0.700 | 5.00 | 1 | 12/13/2025 20:46 | WG2646589 |
| Nickel | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:46 | WG2646589 |
| Selenium | U | | 0.250 | 2.00 | 1 | 12/13/2025 20:46 | WG2646589 |
| Silver | U | | 0.110 | 2.00 | 1 | 12/13/2025 20:46 | WG2646589 |
| Thallium | U | | 0.130 | 2.00 | 1 | 12/13/2025 20:46 | WG2646589 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 12/13/2025 20:46 | WG2646589 |
| Zinc | 19.5 | J | 4.00 | 25.0 | 1 | 12/13/2025 20:46 | WG2646589 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 | 1 | 11/29/2025 12:26 | WG2648504 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 11/29/2025 12:26 | WG2648504 |
| Benzene | U | | 0.320 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| Bromomethane | U | | 4.85 | 5.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| Carbon disulfide | U | J3 | 0.510 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| 1,2-Dibromo-3-Chloropropane | U | C3 | 1.25 | 5.00 | 1 | 11/29/2025 12:26 | WG2648504 |

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 | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| trans-1,4-Dichloro-2-butene | U | J3 | 1.86 | 2.50 | 1 | 11/29/2025 12:26 | WG2648504 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| 1,1-Dichloroethene | U | J3 J4 | 0.422 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 11/29/2025 12:26 | WG2648504 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 11/29/2025 12:26 | WG2648504 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 | 1 | 11/29/2025 12:26 | WG2648504 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 11/29/2025 12:26 | WG2648504 |
| Styrene | U | | 0.342 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| Toluene | U | | 0.274 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| Trichlorofluoromethane | U | J3 | 3.04 | 5.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 11/29/2025 12:26 | WG2648504 |
| Vinyl acetate | U | C3 | 8.47 | 10.0 | 1 | 11/29/2025 12:26 | WG2648504 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 11/29/2025 12:26 | WG2648504 |
| *(S) Toluene-d8* | *103* | | | *80.0-120* | | *11/29/2025 12:26* | WG2648504 |
| *(S) 4-Bromofluorobenzene* | *96.1* | | | *77.0-126* | | *11/29/2025 12:26* | WG2648504 |
| *(S) 1,2-Dichloroethane-d4* | *106* | | | *70.0-130* | | *11/29/2025 12:26* | WG2648504 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 455000 | | 10000 | 1 | 11/26/2025 09:00 | WG2647003 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 13000 | | 547 | 1000 | 1 | 11/27/2025 04:47 | WG2645920 |
| Sulfate | 38000 | | 637 | 5000 | 1 | 11/27/2025 04:47 | WG2645920 |

## Wet Chemistry by Method 9060A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 988 | J | 495 | 1000 | 1 | 12/02/2025 01:03 | WG2649724 |

## Metals (ICPMS) by Method 6020B

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Antimony | U | | 0.310 | 4.00 | 1 | 12/13/2025 20:49 | WG2646589 |
| Arsenic | 1.26 | J | 0.120 | 2.00 | 1 | 12/13/2025 20:49 | WG2646589 |
| Barium | 177 | | 0.500 | 2.00 | 1 | 12/13/2025 20:49 | WG2646589 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 12/13/2025 20:49 | WG2646589 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 12/13/2025 20:49 | WG2646589 |
| Chromium | U | | 0.900 | 2.00 | 1 | 12/13/2025 20:49 | WG2646589 |
| Copper | 1.33 | B J | 0.700 | 5.00 | 1 | 12/13/2025 20:49 | WG2646589 |
| Cobalt | U | | 0.100 | 2.00 | 1 | 12/13/2025 20:49 | WG2646589 |
| Iron | 3940 | | 22.6 | 100 | 1 | 12/13/2025 20:49 | WG2646589 |
| Lead | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:49 | WG2646589 |
| Manganese | 380 | | 0.700 | 5.00 | 1 | 12/13/2025 20:49 | WG2646589 |
| Nickel | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:49 | WG2646589 |
| Selenium | U | | 0.250 | 2.00 | 1 | 12/13/2025 20:49 | WG2646589 |
| Silver | U | | 0.110 | 2.00 | 1 | 12/13/2025 20:49 | WG2646589 |
| Thallium | U | | 0.130 | 2.00 | 1 | 12/13/2025 20:49 | WG2646589 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 12/13/2025 20:49 | WG2646589 |
| Zinc | 16.0 | J | 4.00 | 25.0 | 1 | 12/13/2025 20:49 | WG2646589 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 | 1 | 11/29/2025 12:46 | WG2648504 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 11/29/2025 12:46 | WG2648504 |
| Benzene | U | | 0.320 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| Bromomethane | U | | 4.85 | 5.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| Carbon disulfide | U | J3 | 0.510 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| 1,2-Dibromo-3-Chloropropane | U | C3 | 1.25 | 5.00 | 1 | 11/29/2025 12:46 | WG2648504 |

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 | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| trans-1,4-Dichloro-2-butene | U | J3 | 1.86 | 2.50 | 1 | 11/29/2025 12:46 | WG2648504 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| 1,1-Dichloroethene | U | J3 J4 | 0.422 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 11/29/2025 12:46 | WG2648504 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 11/29/2025 12:46 | WG2648504 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 | 1 | 11/29/2025 12:46 | WG2648504 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 11/29/2025 12:46 | WG2648504 |
| Styrene | U | | 0.342 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| Toluene | U | | 0.274 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| Trichlorofluoromethane | U | J3 | 3.04 | 5.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 11/29/2025 12:46 | WG2648504 |
| Vinyl acetate | U | C3 | 8.47 | 10.0 | 1 | 11/29/2025 12:46 | WG2648504 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 11/29/2025 12:46 | WG2648504 |
| *(S) Toluene-d8* | *101* | | | *80.0-120* | | *11/29/2025 12:46* | WG2648504 |
| *(S) 4-Bromofluorobenzene* | *96.4* | | | *77.0-126* | | *11/29/2025 12:46* | WG2648504 |
| *(S) 1,2-Dichloroethane-d4* | *108* | | | *70.0-130* | | *11/29/2025 12:46* | WG2648504 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 308000 | | 10000 | 1 | 11/26/2025 09:00 | WG2647003 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 35100 | | 547 | 1000 | 1 | 11/27/2025 04:58 | WG2645920 |
| Sulfate | 63500 | | 637 | 5000 | 1 | 11/27/2025 04:58 | WG2645920 |

## Wet Chemistry by Method 9060A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 888 | J | 495 | 1000 | 1 | 12/02/2025 01:18 | WG2649724 |

## Metals (ICPMS) by Method 6020B

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Antimony | U | | 0.310 | 4.00 | 1 | 12/13/2025 20:52 | WG2646589 |
| Arsenic | 1.19 | J | 0.120 | 2.00 | 1 | 12/13/2025 20:52 | WG2646589 |
| Barium | 231 | | 0.500 | 2.00 | 1 | 12/13/2025 20:52 | WG2646589 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 12/13/2025 20:52 | WG2646589 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 12/13/2025 20:52 | WG2646589 |
| Chromium | U | | 0.900 | 2.00 | 1 | 12/13/2025 20:52 | WG2646589 |
| Copper | 1.13 | B J | 0.700 | 5.00 | 1 | 12/13/2025 20:52 | WG2646589 |
| Cobalt | U | | 0.100 | 2.00 | 1 | 12/13/2025 20:52 | WG2646589 |
| Iron | 4990 | | 22.6 | 100 | 1 | 12/13/2025 20:52 | WG2646589 |
| Lead | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:52 | WG2646589 |
| Manganese | 621 | | 0.700 | 5.00 | 1 | 12/13/2025 20:52 | WG2646589 |
| Nickel | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:52 | WG2646589 |
| Selenium | U | | 0.250 | 2.00 | 1 | 12/13/2025 20:52 | WG2646589 |
| Silver | U | | 0.110 | 2.00 | 1 | 12/13/2025 20:52 | WG2646589 |
| Thallium | U | | 0.130 | 2.00 | 1 | 12/13/2025 20:52 | WG2646589 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 12/13/2025 20:52 | WG2646589 |
| Zinc | 18.4 | J | 4.00 | 25.0 | 1 | 12/13/2025 20:52 | WG2646589 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 | 1 | 11/29/2025 13:06 | WG2648504 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 11/29/2025 13:06 | WG2648504 |
| Benzene | U | | 0.320 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| Bromomethane | U | | 4.85 | 5.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| Carbon disulfide | U | J3 | 0.510 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| 1,2-Dibromo-3-Chloropropane | U | C3 | 1.25 | 5.00 | 1 | 11/29/2025 13:06 | WG2648504 |

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| trans-1,4-Dichloro-2-butene | U | J3 | 1.86 | 2.50 | 1 | 11/29/2025 13:06 | WG2648504 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| 1,1-Dichloroethene | U | J3 J4 | 0.422 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 11/29/2025 13:06 | WG2648504 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 11/29/2025 13:06 | WG2648504 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 | 1 | 11/29/2025 13:06 | WG2648504 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 11/29/2025 13:06 | WG2648504 |
| Styrene | U | | 0.342 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| Toluene | U | | 0.274 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| Trichlorofluoromethane | U | J3 | 3.04 | 5.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 11/29/2025 13:06 | WG2648504 |
| Vinyl acetate | U | C3 | 8.47 | 10.0 | 1 | 11/29/2025 13:06 | WG2648504 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 11/29/2025 13:06 | WG2648504 |
| *(S) Toluene-d8* | *104* | | | *80.0-120* | | *11/29/2025 13:06* | WG2648504 |
| *(S) 4-Bromofluorobenzene* | *95.9* | | | *77.0-126* | | *11/29/2025 13:06* | WG2648504 |
| *(S) 1,2-Dichloroethane-d4* | *108* | | | *70.0-130* | | *11/29/2025 13:06* | WG2648504 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 351000 | | 10000 | 1 | 11/26/2025 09:00 | WG2647003 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 6760 | | 547 | 1000 | 1 | 11/27/2025 05:08 | WG2645920 |
| Sulfate | 16000 | | 637 | 5000 | 1 | 11/27/2025 05:08 | WG2645920 |

## Wet Chemistry by Method 9060A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 867 | J | 495 | 1000 | 1 | 12/02/2025 01:33 | WG2649724 |

## Metals (ICPMS) by Method 6020B

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Antimony | U | | 0.310 | 4.00 | 1 | 12/13/2025 20:55 | WG2646589 |
| Arsenic | 1.20 | J | 0.120 | 2.00 | 1 | 12/13/2025 20:55 | WG2646589 |
| Barium | 129 | | 0.500 | 2.00 | 1 | 12/13/2025 20:55 | WG2646589 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 12/13/2025 20:55 | WG2646589 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 12/13/2025 20:55 | WG2646589 |
| Chromium | U | | 0.900 | 2.00 | 1 | 12/13/2025 20:55 | WG2646589 |
| Copper | 0.903 | B J | 0.700 | 5.00 | 1 | 12/13/2025 20:55 | WG2646589 |
| Cobalt | U | | 0.100 | 2.00 | 1 | 12/13/2025 20:55 | WG2646589 |
| Iron | 2210 | | 22.6 | 100 | 1 | 12/13/2025 20:55 | WG2646589 |
| Lead | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:55 | WG2646589 |
| Manganese | 529 | | 0.700 | 5.00 | 1 | 12/13/2025 20:55 | WG2646589 |
| Nickel | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:55 | WG2646589 |
| Selenium | U | | 0.250 | 2.00 | 1 | 12/13/2025 20:55 | WG2646589 |
| Silver | U | | 0.110 | 2.00 | 1 | 12/13/2025 20:55 | WG2646589 |
| Thallium | U | | 0.130 | 2.00 | 1 | 12/13/2025 20:55 | WG2646589 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 12/13/2025 20:55 | WG2646589 |
| Zinc | 11.3 | J | 4.00 | 25.0 | 1 | 12/13/2025 20:55 | WG2646589 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 | 1 | 11/29/2025 13:26 | WG2648504 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 11/29/2025 13:26 | WG2648504 |
| Benzene | U | | 0.320 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| Bromomethane | U | | 4.85 | 5.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| Carbon disulfide | U | J3 | 0.510 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| 1,2-Dibromo-3-Chloropropane | U | C3 | 1.25 | 5.00 | 1 | 11/29/2025 13:26 | WG2648504 |

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| trans-1,4-Dichloro-2-butene | U | J3 | 1.86 | 2.50 | 1 | 11/29/2025 13:26 | WG2648504 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| 1,1-Dichloroethene | U | J3 J4 | 0.422 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 11/29/2025 13:26 | WG2648504 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 11/29/2025 13:26 | WG2648504 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 | 1 | 11/29/2025 13:26 | WG2648504 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 11/29/2025 13:26 | WG2648504 |
| Styrene | U | | 0.342 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| Toluene | U | | 0.274 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| Trichlorofluoromethane | U | J3 | 3.04 | 5.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 11/29/2025 13:26 | WG2648504 |
| Vinyl acetate | U | C3 | 8.47 | 10.0 | 1 | 11/29/2025 13:26 | WG2648504 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 11/29/2025 13:26 | WG2648504 |
| *(S) Toluene-d8* | *102* | | | *80.0-120* | | *11/29/2025 13:26* | WG2648504 |
| *(S) 4-Bromofluorobenzene* | *95.6* | | | *77.0-126* | | *11/29/2025 13:26* | WG2648504 |
| *(S) 1,2-Dichloroethane-d4* | *110* | | | *70.0-130* | | *11/29/2025 13:26* | WG2648504 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 348000 | | 10000 | 1 | 11/26/2025 09:00 | WG2647003 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 9250 | | 547 | 1000 | 1 | 11/27/2025 05:19 | WG2645920 |
| Sulfate | 17200 | | 637 | 5000 | 1 | 11/27/2025 05:19 | WG2645920 |

## Wet Chemistry by Method 9060A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 1010 | | 495 | 1000 | 1 | 12/02/2025 01:48 | WG2649724 |

## Metals (ICPMS) by Method 6020B

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Antimony | U | | 0.310 | 4.00 | 1 | 12/13/2025 20:58 | WG2646589 |
| Arsenic | 0.699 | J | 0.120 | 2.00 | 1 | 12/13/2025 20:58 | WG2646589 |
| Barium | 169 | | 0.500 | 2.00 | 1 | 12/13/2025 20:58 | WG2646589 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 12/13/2025 20:58 | WG2646589 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 12/13/2025 20:58 | WG2646589 |
| Chromium | U | | 0.900 | 2.00 | 1 | 12/13/2025 20:58 | WG2646589 |
| Copper | U | | 0.700 | 5.00 | 1 | 12/13/2025 20:58 | WG2646589 |
| Cobalt | U | | 0.100 | 2.00 | 1 | 12/13/2025 20:58 | WG2646589 |
| Iron | 3690 | | 22.6 | 100 | 1 | 12/13/2025 20:58 | WG2646589 |
| Lead | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:58 | WG2646589 |
| Manganese | 468 | | 0.700 | 5.00 | 1 | 12/13/2025 20:58 | WG2646589 |
| Nickel | U | | 0.500 | 2.00 | 1 | 12/13/2025 20:58 | WG2646589 |
| Selenium | U | | 0.250 | 2.00 | 1 | 12/13/2025 20:58 | WG2646589 |
| Silver | U | | 0.110 | 2.00 | 1 | 12/13/2025 20:58 | WG2646589 |
| Thallium | U | | 0.130 | 2.00 | 1 | 12/13/2025 20:58 | WG2646589 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 12/13/2025 20:58 | WG2646589 |
| Zinc | U | | 4.00 | 25.0 | 1 | 12/13/2025 20:58 | WG2646589 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 | 1 | 11/29/2025 13:46 | WG2648504 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 11/29/2025 13:46 | WG2648504 |
| Benzene | U | | 0.320 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| Bromomethane | U | | 4.85 | 5.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| Carbon disulfide | U | J3 | 0.510 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| 1,2-Dibromo-3-Chloropropane | U | C3 | 1.25 | 5.00 | 1 | 11/29/2025 13:46 | WG2648504 |

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| trans-1,4-Dichloro-2-butene | U | J3 | 1.86 | 2.50 | 1 | 11/29/2025 13:46 | WG2648504 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| 1,1-Dichloroethene | U | J3 J4 | 0.422 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 11/29/2025 13:46 | WG2648504 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 11/29/2025 13:46 | WG2648504 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 | 1 | 11/29/2025 13:46 | WG2648504 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 11/29/2025 13:46 | WG2648504 |
| Styrene | U | | 0.342 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| Toluene | U | | 0.274 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| Trichlorofluoromethane | U | J3 | 3.04 | 5.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 11/29/2025 13:46 | WG2648504 |
| Vinyl acetate | U | C3 | 8.47 | 10.0 | 1 | 11/29/2025 13:46 | WG2648504 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 11/29/2025 13:46 | WG2648504 |
| *(S) Toluene-d8* | *103* | | | *80.0-120* | | *11/29/2025 13:46* | WG2648504 |
| *(S) 4-Bromofluorobenzene* | *95.1* | | | *77.0-126* | | *11/29/2025 13:46* | WG2648504 |
| *(S) 1,2-Dichloroethane-d4* | *107* | | | *70.0-130* | | *11/29/2025 13:46* | WG2648504 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 5100000 | | 200000 | 1 | 11/26/2025 09:00 | WG2647003 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 2220000 | | 27400 | 50000 | 50 | 11/27/2025 06:01 | WG2645920 |
| Sulfate | 4170 | J | 3180 | 25000 | 5 | 11/27/2025 05:51 | WG2645920 |

## Wet Chemistry by Method 9060A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 495000 | | 9900 | 20000 | 20 | 12/01/2025 22:02 | WG2650018 |

## Metals (ICPMS) by Method 6020B

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Antimony | 80.5 | | 1.55 | 20.0 | 5 | 12/16/2025 15:15 | WG2650234 |
| Arsenic | 174 | | 0.600 | 10.0 | 5 | 12/16/2025 15:15 | WG2650234 |
| Barium | 2420 | | 5.00 | 20.0 | 10 | 12/16/2025 20:52 | WG2650234 |
| Beryllium | U | | 1.00 | 10.0 | 5 | 12/16/2025 15:15 | WG2650234 |
| Cadmium | U | | 0.600 | 5.00 | 5 | 12/16/2025 15:15 | WG2650234 |
| Chromium | 46.1 | | 4.50 | 10.0 | 5 | 12/16/2025 15:15 | WG2650234 |
| Copper | 8.69 | B J | 3.50 | 25.0 | 5 | 12/16/2025 15:15 | WG2650234 |
| Cobalt | 55.5 | | 0.500 | 10.0 | 5 | 12/16/2025 15:15 | WG2650234 |
| Iron | 19500 | | 113 | 500 | 5 | 12/16/2025 15:15 | WG2650234 |
| Lead | 4.87 | J | 2.50 | 10.0 | 5 | 12/16/2025 15:15 | WG2650234 |
| Manganese | 589 | | 3.50 | 25.0 | 5 | 12/16/2025 15:15 | WG2650234 |
| Nickel | 150 | | 2.50 | 10.0 | 5 | 12/16/2025 15:15 | WG2650234 |
| Selenium | 3.30 | J | 1.25 | 10.0 | 5 | 12/16/2025 15:15 | WG2650234 |
| Silver | U | | 0.550 | 10.0 | 5 | 12/16/2025 15:15 | WG2650234 |
| Thallium | U | | 0.650 | 10.0 | 5 | 12/16/2025 15:15 | WG2650234 |
| Vanadium | 26.8 | | 2.60 | 25.0 | 5 | 12/16/2025 15:15 | WG2650234 |
| Zinc | 50.9 | J | 20.0 | 125 | 5 | 12/16/2025 15:15 | WG2650234 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | 575 | C3 | 469 | 500 | 10 | 11/29/2025 21:51 | WG2649262 |
| Acrylonitrile | U | | 80.9 | 100 | 10 | 11/29/2025 21:51 | WG2649262 |
| Benzene | U | | 3.20 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| Bromochloromethane | U | | 4.37 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| Bromodichloromethane | U | | 3.71 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| Bromoform | U | | 5.48 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| Bromomethane | U | C3 | 48.5 | 50.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| Carbon disulfide | U | | 5.10 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| Carbon tetrachloride | U | | 3.60 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| Chlorobenzene | U | | 2.66 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| Chlorodibromomethane | U | | 3.98 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| Chloroethane | U | C3 | 27.9 | 50.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| Chloroform | U | | 12.8 | 50.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| Chloromethane | U | J4 | 17.0 | 50.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| Dibromomethane | U | | 4.22 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| 1,2-Dibromoethane | U | | 3.41 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| 1,2-Dibromo-3-Chloropropane | U | | 12.5 | 50.0 | 10 | 11/29/2025 21:51 | WG2649262 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| 1,2-Dichlorobenzene | U | | 3.04 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| 1,4-Dichlorobenzene | 5.73 | J | 2.77 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| trans-1,4-Dichloro-2-butene | U | C3 | 18.6 | 25.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| 1,1-Dichloroethane | U | | 3.89 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| 1,2-Dichloroethane | U | | 3.95 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| 1,1-Dichloroethene | U | | 4.22 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| cis-1,2-Dichloroethene | U | | 3.23 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| trans-1,2-Dichloroethene | U | | 3.48 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| 1,2-Dichloropropane | U | | 4.27 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| cis-1,3-Dichloropropene | U | | 3.48 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| trans-1,3-Dichloropropene | U | | 3.13 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| Ethylbenzene | 11.1 | | 2.34 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| 2-Hexanone | U | | 58.0 | 200 | 10 | 11/29/2025 21:51 | WG2649262 |
| Iodomethane | U | | 99.6 | 300 | 10 | 11/29/2025 21:51 | WG2649262 |
| 2-Butanone (MEK) | 833 | | 90.0 | 200 | 10 | 11/29/2025 21:51 | WG2649262 |
| Methylene Chloride | U | | 14.8 | 50.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| 4-Methyl-2-pentanone (MIBK) | U | | 75.2 | 200 | 10 | 11/29/2025 21:51 | WG2649262 |
| Styrene | U | | 3.42 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| 1,1,1,2-Tetrachloroethane | U | | 3.81 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| 1,1,2,2-Tetrachloroethane | U | | 3.54 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| Tetrachloroethene | U | | 3.58 | 10.0 | 10 | 12/02/2025 17:11 | WG2650420 |
| Toluene | 7.57 | J | 2.74 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| 1,1,1-Trichloroethane | U | | 3.36 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| 1,1,2-Trichloroethane | U | | 3.75 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| Trichloroethene | U | | 3.83 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| Trichlorofluoromethane | U | | 30.4 | 50.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| 1,2,3-Trichloropropane | U | | 6.02 | 25.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| Vinyl acetate | U | | 84.7 | 100 | 10 | 11/29/2025 21:51 | WG2649262 |
| Vinyl chloride | U | | 4.58 | 10.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| Xylenes, Total | 15.6 | J | 3.19 | 30.0 | 10 | 11/29/2025 21:51 | WG2649262 |
| *(S) Toluene-d8* | *93.9* | | | *80.0-120* | | *11/29/2025 21:51* | WG2649262 |
| *(S) Toluene-d8* | *101* | | | *80.0-120* | | *12/02/2025 17:11* | WG2650420 |
| *(S) 4-Bromofluorobenzene* | *100* | | | *77.0-126* | | *11/29/2025 21:51* | WG2649262 |
| *(S) 4-Bromofluorobenzene* | *95.8* | | | *77.0-126* | | *12/02/2025 17:11* | WG2650420 |
| *(S) 1,2-Dichloroethane-d4* | *89.3* | | | *70.0-130* | | *11/29/2025 21:51* | WG2649262 |
| *(S) 1,2-Dichloroethane-d4* | *98.9* | | | *70.0-130* | | *12/02/2025 17:11* | WG2650420 |

**Sample Narrative:**

L1921578-14 WG2649262: Dilution due to foamy matrix.

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result | Qualifier | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|
| | ug/l | | ug/l | | date / time | |
| Dissolved Solids | 317000 | | 10000 | 1 | 11/26/2025 09:00 | WG2647003 |

## Wet Chemistry by Method 9056A

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| Chloride | 69300 | | 547 | 1000 | 1 | 11/28/2025 18:55 | WG2645921 |
| Sulfate | 1800 | J | 637 | 5000 | 1 | 11/28/2025 18:55 | WG2645921 |

## Wet Chemistry by Method 9060A

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| TOC (Total Organic Carbon) | 6190 | | 495 | 1000 | 1 | 12/01/2025 22:22 | WG2650018 |

## Metals (ICPMS) by Method 6020B

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| Antimony | 0.721 | J | 0.310 | 4.00 | 1 | 12/13/2025 21:01 | WG2646589 |
| Arsenic | 2.98 | | 0.120 | 2.00 | 1 | 12/13/2025 21:01 | WG2646589 |
| Barium | 152 | | 0.500 | 2.00 | 1 | 12/13/2025 21:01 | WG2646589 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 12/13/2025 21:01 | WG2646589 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 12/13/2025 21:01 | WG2646589 |
| Chromium | U | | 0.900 | 2.00 | 1 | 12/13/2025 21:01 | WG2646589 |
| Copper | 30.6 | | 0.700 | 5.00 | 1 | 12/13/2025 21:01 | WG2646589 |
| Cobalt | 2.16 | | 0.100 | 2.00 | 1 | 12/13/2025 21:01 | WG2646589 |
| Iron | 446 | | 22.6 | 100 | 1 | 12/13/2025 21:01 | WG2646589 |
| Lead | 3.47 | | 0.500 | 2.00 | 1 | 12/13/2025 21:01 | WG2646589 |
| Manganese | 16.7 | | 0.700 | 5.00 | 1 | 12/13/2025 21:01 | WG2646589 |
| Nickel | 8.11 | | 0.500 | 2.00 | 1 | 12/13/2025 21:01 | WG2646589 |
| Selenium | U | | 0.250 | 2.00 | 1 | 12/13/2025 21:01 | WG2646589 |
| Silver | U | | 0.110 | 2.00 | 1 | 12/13/2025 21:01 | WG2646589 |
| Thallium | U | | 0.130 | 2.00 | 1 | 12/13/2025 21:01 | WG2646589 |
| Vanadium | 0.739 | J | 0.520 | 5.00 | 1 | 12/13/2025 21:01 | WG2646589 |
| Zinc | 79.5 | | 4.00 | 25.0 | 1 | 12/13/2025 21:01 | WG2646589 |

## 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 | C3 | 46.9 | 50.0 | 1 | 11/29/2025 15:51 | WG2649262 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 11/29/2025 15:51 | WG2649262 |
| Benzene | U | | 0.320 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| Bromomethane | U | C3 | 4.85 | 5.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| Carbon disulfide | U | | 0.510 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| Chloroethane | U | C3 | 2.79 | 5.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| Chloromethane | U | J4 | 1.70 | 5.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| 1,2-Dibromo-3-Chloropropane | U | | 1.25 | 5.00 | 1 | 11/29/2025 15:51 | WG2649262 |

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| trans-1,4-Dichloro-2-butene | U | C3 | 1.86 | 2.50 | 1 | 11/29/2025 15:51 | WG2649262 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| 1,1-Dichloroethene | U | | 0.422 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 11/29/2025 15:51 | WG2649262 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 11/29/2025 15:51 | WG2649262 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 | 1 | 11/29/2025 15:51 | WG2649262 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 11/29/2025 15:51 | WG2649262 |
| Styrene | U | | 0.342 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| Toluene | U | | 0.274 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| Trichlorofluoromethane | U | | 3.04 | 5.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 11/29/2025 15:51 | WG2649262 |
| Vinyl acetate | U | | 8.47 | 10.0 | 1 | 11/29/2025 15:51 | WG2649262 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 11/29/2025 15:51 | WG2649262 |
| *(S) Toluene-d8* | *98.3* | | | *80.0-120* | | *11/29/2025 15:51* | WG2649262 |
| *(S) 4-Bromofluorobenzene* | *96.6* | | | *77.0-126* | | *11/29/2025 15:51* | WG2649262 |
| *(S) 1,2-Dichloroethane-d4* | *90.8* | | | *70.0-130* | | *11/29/2025 15:51* | WG2649262 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 5920000 | | 200000 | 1 | 11/26/2025 09:00 | WG2647003 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 1820000 | | 27400 | 50000 | 50 | 11/28/2025 19:17 | WG2645921 |
| Sulfate | U | | 31800 | 250000 | 50 | 11/28/2025 19:17 | WG2645921 |

**Sample Narrative:**

L1921578-16 WG2645921: Dilution due to matrix impact on instrumentation at lower dilution

## Wet Chemistry by Method 9060A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 476000 | | 9900 | 20000 | 20 | 12/01/2025 22:44 | WG2650018 |

## Metals (ICPMS) by Method 6020B

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Antimony | 3.82 | J | 2.79 | 36.0 | 9 | 12/16/2025 18:03 | WG2650234 |
| Arsenic | 50.2 | | 1.08 | 18.0 | 9 | 12/16/2025 18:03 | WG2650234 |
| Barium | 1840 | | 4.50 | 18.0 | 9 | 12/16/2025 20:56 | WG2650234 |
| Beryllium | U | | 1.80 | 18.0 | 9 | 12/16/2025 20:56 | WG2650234 |
| Cadmium | U | | 1.08 | 9.00 | 9 | 12/16/2025 18:03 | WG2650234 |
| Chromium | 60.8 | | 8.10 | 18.0 | 9 | 12/16/2025 18:03 | WG2650234 |
| Copper | 9.65 | B J | 6.30 | 45.0 | 9 | 12/16/2025 18:03 | WG2650234 |
| Cobalt | 42.9 | | 0.900 | 18.0 | 9 | 12/16/2025 18:03 | WG2650234 |
| Iron | 8670 | | 203 | 900 | 9 | 12/16/2025 18:03 | WG2650234 |
| Lead | U | | 4.50 | 18.0 | 9 | 12/16/2025 18:03 | WG2650234 |
| Manganese | 1470 | | 6.30 | 45.0 | 9 | 12/16/2025 18:03 | WG2650234 |
| Nickel | 198 | | 4.50 | 18.0 | 9 | 12/16/2025 18:03 | WG2650234 |
| Selenium | U | | 2.25 | 18.0 | 9 | 12/16/2025 18:03 | WG2650234 |
| Silver | U | | 0.990 | 18.0 | 9 | 12/16/2025 18:03 | WG2650234 |
| Thallium | U | | 1.17 | 18.0 | 9 | 12/16/2025 18:03 | WG2650234 |
| Vanadium | 50.3 | | 4.68 | 45.0 | 9 | 12/16/2025 18:03 | WG2650234 |
| Zinc | 66.9 | J | 36.0 | 225 | 9 | 12/16/2025 18:03 | WG2650234 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | C3 | 46.9 | 50.0 | 1 | 11/29/2025 16:12 | WG2649262 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 11/29/2025 16:12 | WG2649262 |
| Benzene | 2.72 | | 0.320 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| Bromomethane | U | C3 | 4.85 | 5.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| Carbon disulfide | U | | 0.510 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| Chloroethane | U | C3 | 2.79 | 5.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| Chloromethane | U | J4 | 1.70 | 5.00 | 1 | 11/29/2025 16:12 | WG2649262 |

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| 1,2-Dibromo-3-Chloropropane | U | | 1.25 | 5.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| 1,4-Dichlorobenzene | 0.570 | J | 0.277 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| trans-1,4-Dichloro-2-butene | U | C3 | 1.86 | 2.50 | 1 | 11/29/2025 16:12 | WG2649262 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| 1,2-Dichloroethane | 0.582 | J | 0.395 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| 1,1-Dichloroethene | U | | 0.422 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| trans-1,2-Dichloroethene | 0.507 | J | 0.348 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 11/29/2025 16:12 | WG2649262 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 11/29/2025 16:12 | WG2649262 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 | 1 | 11/29/2025 16:12 | WG2649262 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 11/29/2025 16:12 | WG2649262 |
| Styrene | U | | 0.342 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| Toluene | 0.881 | J | 0.274 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| Trichlorofluoromethane | U | | 3.04 | 5.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 11/29/2025 16:12 | WG2649262 |
| Vinyl acetate | U | | 8.47 | 10.0 | 1 | 11/29/2025 16:12 | WG2649262 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| Xylenes, Total | 14.1 | | 0.319 | 3.00 | 1 | 11/29/2025 16:12 | WG2649262 |
| *(S) Toluene-d8* | *96.5* | | | *80.0-120* | | *11/29/2025 16:12* | WG2649262 |
| *(S) 4-Bromofluorobenzene* | *99.7* | | | *77.0-126* | | *11/29/2025 16:12* | WG2649262 |
| *(S) 1,2-Dichloroethane-d4* | *88.5* | | | *70.0-130* | | *11/29/2025 16:12* | WG2649262 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | 328000 | | 10000 | 1 | 11/26/2025 09:00 | WG2647003 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | 7450 | | 547 | 1000 | 1 | 11/28/2025 19:28 | WG2645921 |
| Sulfate | 19500 | | 637 | 5000 | 1 | 11/28/2025 19:28 | WG2645921 |

## Wet Chemistry by Method 9060A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 1060 | | 495 | 1000 | 1 | 12/01/2025 23:01 | WG2650018 |

## Metals (ICPMS) by Method 6020B

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Antimony | U | | 0.310 | 4.00 | 1 | 12/13/2025 21:04 | WG2646589 |
| Arsenic | 0.405 | J | 0.120 | 2.00 | 1 | 12/13/2025 21:04 | WG2646589 |
| Barium | 144 | | 0.500 | 2.00 | 1 | 12/13/2025 21:04 | WG2646589 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 12/13/2025 21:04 | WG2646589 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 12/13/2025 21:04 | WG2646589 |
| Chromium | U | | 0.900 | 2.00 | 1 | 12/13/2025 21:04 | WG2646589 |
| Copper | 0.928 | B J | 0.700 | 5.00 | 1 | 12/13/2025 21:04 | WG2646589 |
| Cobalt | U | | 0.100 | 2.00 | 1 | 12/13/2025 21:04 | WG2646589 |
| Iron | 2600 | | 22.6 | 100 | 1 | 12/13/2025 21:04 | WG2646589 |
| Lead | U | | 0.500 | 2.00 | 1 | 12/13/2025 21:04 | WG2646589 |
| Manganese | 825 | | 0.700 | 5.00 | 1 | 12/13/2025 21:04 | WG2646589 |
| Nickel | U | | 0.500 | 2.00 | 1 | 12/13/2025 21:04 | WG2646589 |
| Selenium | U | | 0.250 | 2.00 | 1 | 12/13/2025 21:04 | WG2646589 |
| Silver | U | | 0.110 | 2.00 | 1 | 12/13/2025 21:04 | WG2646589 |
| Thallium | U | | 0.130 | 2.00 | 1 | 12/13/2025 21:04 | WG2646589 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 12/13/2025 21:04 | WG2646589 |
| Zinc | 11.5 | J | 4.00 | 25.0 | 1 | 12/13/2025 21:04 | WG2646589 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | C3 | 46.9 | 50.0 | 1 | 11/29/2025 16:34 | WG2649262 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 11/29/2025 16:34 | WG2649262 |
| Benzene | U | | 0.320 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| Bromomethane | U | C3 | 4.85 | 5.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| Carbon disulfide | U | | 0.510 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| Chloroethane | U | C3 | 2.79 | 5.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| Chloromethane | U | J4 | 1.70 | 5.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| 1,2-Dibromo-3-Chloropropane | U | | 1.25 | 5.00 | 1 | 11/29/2025 16:34 | WG2649262 |

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| trans-1,4-Dichloro-2-butene | U | C3 | 1.86 | 2.50 | 1 | 11/29/2025 16:34 | WG2649262 |
| 1,1-Dichloroethane | 1.61 | | 0.389 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| 1,1-Dichloroethene | U | | 0.422 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| cis-1,2-Dichloroethene | 0.475 | J | 0.323 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 11/29/2025 16:34 | WG2649262 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 11/29/2025 16:34 | WG2649262 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 | 1 | 11/29/2025 16:34 | WG2649262 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 11/29/2025 16:34 | WG2649262 |
| Styrene | U | | 0.342 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| Toluene | U | | 0.274 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| Trichlorofluoromethane | U | | 3.04 | 5.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 11/29/2025 16:34 | WG2649262 |
| Vinyl acetate | U | | 8.47 | 10.0 | 1 | 11/29/2025 16:34 | WG2649262 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 11/29/2025 16:34 | WG2649262 |
| *(S) Toluene-d8* | *97.5* | | | *80.0-120* | | *11/29/2025 16:34* | WG2649262 |
| *(S) 4-Bromofluorobenzene* | *98.3* | | | *77.0-126* | | *11/29/2025 16:34* | WG2649262 |
| *(S) 1,2-Dichloroethane-d4* | *90.4* | | | *70.0-130* | | *11/29/2025 16:34* | WG2649262 |

## Gravimetric Analysis by Method 2540 C-2011

| Analyte | Result ug/l | Qualifier | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|
| Dissolved Solids | ND | | 10000 | 1 | 11/26/2025 09:00 | WG2647003 |

## Wet Chemistry by Method 9056A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Chloride | U | | 547 | 1000 | 1 | 11/28/2025 20:22 | WG2645921 |
| Sulfate | U | | 637 | 5000 | 1 | 11/28/2025 20:22 | WG2645921 |

## Wet Chemistry by Method 9060A

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | U | | 495 | 1000 | 1 | 12/02/2025 00:07 | WG2650018 |

## Metals (ICPMS) by Method 6020B

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Antimony | U | | 0.310 | 4.00 | 1 | 12/13/2025 21:07 | WG2646589 |
| Arsenic | U | | 0.120 | 2.00 | 1 | 12/13/2025 21:07 | WG2646589 |
| Barium | 0.531 | J | 0.500 | 2.00 | 1 | 12/13/2025 21:07 | WG2646589 |
| Beryllium | U | | 0.200 | 2.00 | 1 | 12/13/2025 21:07 | WG2646589 |
| Cadmium | U | | 0.120 | 1.00 | 1 | 12/13/2025 21:07 | WG2646589 |
| Chromium | U | | 0.900 | 2.00 | 1 | 12/13/2025 21:07 | WG2646589 |
| Copper | 0.931 | B J | 0.700 | 5.00 | 1 | 12/13/2025 21:07 | WG2646589 |
| Cobalt | 0.104 | J | 0.100 | 2.00 | 1 | 12/13/2025 21:07 | WG2646589 |
| Iron | 32.3 | J | 22.6 | 100 | 1 | 12/13/2025 21:07 | WG2646589 |
| Lead | U | | 0.500 | 2.00 | 1 | 12/13/2025 21:07 | WG2646589 |
| Manganese | U | | 0.700 | 5.00 | 1 | 12/13/2025 21:07 | WG2646589 |
| Nickel | U | | 0.500 | 2.00 | 1 | 12/13/2025 21:07 | WG2646589 |
| Selenium | U | | 0.250 | 2.00 | 1 | 12/13/2025 21:07 | WG2646589 |
| Silver | U | | 0.110 | 2.00 | 1 | 12/13/2025 21:07 | WG2646589 |
| Thallium | U | | 0.130 | 2.00 | 1 | 12/13/2025 21:07 | WG2646589 |
| Vanadium | U | | 0.520 | 5.00 | 1 | 12/13/2025 21:07 | WG2646589 |
| Zinc | 11.7 | J | 4.00 | 25.0 | 1 | 12/13/2025 21:07 | WG2646589 |

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

| Analyte | Result ug/l | Qualifier | MDL ug/l | RDL ug/l | Dilution | Analysis date / time | Batch |
|---|---|---|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 | 1 | 11/29/2025 14:07 | WG2648504 |
| Acrylonitrile | U | | 8.09 | 10.0 | 1 | 11/29/2025 14:07 | WG2648504 |
| Benzene | U | | 0.320 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| Bromochloromethane | U | | 0.437 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| Bromodichloromethane | U | | 0.371 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| Bromoform | U | | 0.548 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| Bromomethane | U | | 4.85 | 5.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| Carbon disulfide | U | J3 | 0.510 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| Carbon tetrachloride | U | | 0.360 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| Chlorobenzene | U | | 0.266 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| Chlorodibromomethane | U | | 0.398 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| Chloroethane | U | | 2.79 | 5.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| Chloroform | U | | 1.28 | 5.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| Chloromethane | U | | 1.70 | 5.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| Dibromomethane | U | | 0.422 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| 1,2-Dibromo-3-Chloropropane | U | C3 | 1.25 | 5.00 | 1 | 11/29/2025 14:07 | WG2648504 |

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

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| trans-1,4-Dichloro-2-butene | U | J3 | 1.86 | 2.50 | 1 | 11/29/2025 14:07 | WG2648504 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| 1,1-Dichloroethene | U | J3 J4 | 0.422 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| Ethylbenzene | U | | 0.234 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| 2-Hexanone | U | | 5.80 | 20.0 | 1 | 11/29/2025 14:07 | WG2648504 |
| Iodomethane | U | | 9.96 | 30.0 | 1 | 11/29/2025 14:07 | WG2648504 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 | 1 | 11/29/2025 14:07 | WG2648504 |
| Methylene Chloride | U | | 1.48 | 5.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 | 1 | 11/29/2025 14:07 | WG2648504 |
| Styrene | U | | 0.342 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| Tetrachloroethene | U | | 0.358 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| Toluene | U | | 0.274 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| Trichloroethene | U | | 0.383 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| Trichlorofluoromethane | U | J3 | 3.04 | 5.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 | 1 | 11/29/2025 14:07 | WG2648504 |
| Vinyl acetate | U | C3 | 8.47 | 10.0 | 1 | 11/29/2025 14:07 | WG2648504 |
| Vinyl chloride | U | | 0.458 | 1.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| Xylenes, Total | U | | 0.319 | 3.00 | 1 | 11/29/2025 14:07 | WG2648504 |
| *(S) Toluene-d8* | *102* | | | *80.0-120* | | *11/29/2025 14:07* | WG2648504 |
| *(S) 4-Bromofluorobenzene* | *93.8* | | | *77.0-126* | | *11/29/2025 14:07* | WG2648504 |
| *(S) 1,2-Dichloroethane-d4* | *105* | | | *70.0-130* | | *11/29/2025 14:07* | WG2648504 |

## Method Blank (MB)

(MB) R4307219-1 11/24/25 08:00

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

## L1920080-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1920080-05 11/24/25 08:00 • (DUP) R4307219-3 11/24/25 08:00

| Analyte | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---|---|---|---|---|---|---|
| | ug/l | ug/l | | % | | % |
| Dissolved Solids | 1290000 | 1310000 | 1 | 1.92 | | 10 |

## L1921578-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1921578-08 11/24/25 08:00 • (DUP) R4307219-4 11/24/25 08:00

| Analyte | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---|---|---|---|---|---|---|
| | ug/l | ug/l | | % | | % |
| Dissolved Solids | 224000 | 223000 | 1 | 0.447 | | 10 |

## Laboratory Control Sample (LCS)

(LCS) R4307219-2 11/24/25 08:00

| Analyte | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|---|---|---|---|---|---|
| | ug/l | ug/l | % | % | |
| Dissolved Solids | 8800000 | 8400000 | 95.5 | 90.0-110 | |

## Method Blank (MB)

(MB) R4307804-1 11/26/25 09:00

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

## L1921578-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1921578-01 11/26/25 09:00 • (DUP) R4307804-3 11/26/25 09:00

| Analyte | Original Result ug/l | DUP Result ug/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---|---|---|---|---|---|---|
| Dissolved Solids | 320000 | 387000 | 1 | 19.0 | J3 | 10 |

## L1921613-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1921613-02 11/26/25 09:00 • (DUP) R4307804-4 11/26/25 09:00

| Analyte | Original Result ug/l | DUP Result ug/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---|---|---|---|---|---|---|
| Dissolved Solids | 752000 | 744000 | 1 | 1.07 | | 10 |

## Laboratory Control Sample (LCS)

(LCS) R4307804-2 11/26/25 09:00

| Analyte | Spike Amount ug/l | LCS Result ug/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---|---|---|---|---|---|
| Dissolved Solids | 8800000 | 8340000 | 94.8 | 90.0-110 | |

## Method Blank (MB)

(MB) R4307097-1 11/27/25 00:33

| Analyte | MB Result ug/l | MB Qualifier | MB MDL ug/l | MB RDL ug/l |
|---|---|---|---|---|
| Chloride | U | | 547 | 1000 |
| Sulfate | U | | 637 | 5000 |

## L1921551-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1921551-01 11/27/25 00:54 • (DUP) R4307097-3 11/27/25 01:05

| Analyte | Original Result ug/l | DUP Result ug/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---|---|---|---|---|---|---|
| Chloride | 1640 | 1620 | 1 | 1.12 | | 15 |
| Sulfate | 20600 | 20800 | 1 | 0.585 | | 15 |

## L1921551-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1921551-02 11/27/25 01:36 • (DUP) R4307097-6 11/27/25 01:47

| Analyte | Original Result ug/l | DUP Result ug/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---|---|---|---|---|---|---|
| Chloride | 2940 | 2980 | 1 | 1.31 | | 15 |
| Sulfate | 17300 | 17300 | 1 | 0.00289 | | 15 |

## Laboratory Control Sample (LCS)

(LCS) R4307097-2 11/27/25 00:43

| Analyte | Spike Amount ug/l | LCS Result ug/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---|---|---|---|---|---|
| Chloride | 40000 | 38700 | 96.8 | 80.0-120 | |
| Sulfate | 40000 | 39800 | 99.4 | 80.0-120 | |

## L1921551-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1921551-01 11/27/25 00:54 • (MS) R4307097-4 11/27/25 01:15 • (MSD) R4307097-5 11/27/25 01:26

| 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 % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 40000 | 1640 | 41000 | 41000 | 98.4 | 98.3 | 1 | 80.0-120 | | | 0.0176 | 15 |
| Sulfate | 40000 | 20600 | 56900 | 56900 | 90.6 | 90.8 | 1 | 80.0-120 | | | 0.0993 | 15 |

## L1921551-02 Original Sample (OS) • Matrix Spike (MS)

(OS) L1921551-02 11/27/25 01:36 • (MS) R4307097-7 11/27/25 01:58

| Analyte | Spike Amount ug/l | Original Result ug/l | MS Result ug/l | MS Rec. % | Dilution | Rec. Limits % | MS Qualifier |
|---|---|---|---|---|---|---|---|
| Chloride | 40000 | 2940 | 41600 | 96.8 | 1 | 80.0-120 | |
| Sulfate | 40000 | 17300 | 53700 | 90.9 | 1 | 80.0-120 | |

## Method Blank (MB)

(MB) R4307543-1 11/28/25 17:50

| Analyte | MB Result ug/l | MB Qualifier | MB MDL ug/l | MB RDL ug/l |
|---|---|---|---|---|
| Chloride | U | | 547 | 1000 |
| Sulfate | U | | 637 | 5000 |

## L1921578-17 Original Sample (OS) • Duplicate (DUP)

(OS) L1921578-17 11/28/25 19:28 • (DUP) R4307543-3 11/28/25 19:39

| Analyte | Original Result ug/l | DUP Result ug/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---|---|---|---|---|---|---|
| Chloride | 7450 | 7440 | 1 | 0.0497 | | 15 |
| Sulfate | 19500 | 19600 | 1 | 0.281 | | 15 |

## L1921647-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1921647-01 11/28/25 20:33 • (DUP) R4307543-5 11/28/25 20:43

| Analyte | Original Result ug/l | DUP Result ug/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---|---|---|---|---|---|---|
| Chloride | 108000 | 108000 | 1 | 0.0411 | E | 15 |
| Sulfate | 24700 | 24600 | 1 | 0.238 | | 15 |

Sample Narrative:

DUP: reporting for QC

## Laboratory Control Sample (LCS)

(LCS) R4307543-2 11/28/25 18:01

| Analyte | Spike Amount ug/l | LCS Result ug/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---|---|---|---|---|---|
| Chloride | 40000 | 36900 | 92.3 | 80.0-120 | |
| Sulfate | 40000 | 38800 | 97.0 | 80.0-120 | |

## L1921578-17 Original Sample (OS) • Matrix Spike (MS)

(OS) L1921578-17 11/28/25 19:28 • (MS) R4307543-4 11/28/25 19:49

| Analyte | Spike Amount ug/l | Original Result ug/l | MS Result ug/l | MS Rec. % | Dilution | Rec. Limits % | MS Qualifier |
|---|---|---|---|---|---|---|---|
| Chloride | 40000 | 7450 | 43800 | 90.9 | 1 | 80.0-120 | |
| Sulfate | 40000 | 19500 | 55700 | 90.5 | 1 | 80.0-120 | |

## L1921647-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1921647-01 11/28/25 20:33 • (MS) R4307543-6 11/28/25 20:54 • (MSD) R4307543-7 11/28/25 21:05

| 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 % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 40000 | 108000 | 125000 | 126000 | 44.6 | 44.9 | 1 | 80.0-120 | E J6 | E J6 | 0.104 | 15 |
| Sulfate | 40000 | 24700 | 60200 | 60100 | 88.9 | 88.5 | 1 | 80.0-120 | | | 0.244 | 15 |

## Method Blank (MB)

(MB) R4308662-7 12/01/25 17:59

| Analyte | MB Result ug/l | MB Qualifier | MB MDL ug/l | MB RDL ug/l |
|---|---|---|---|---|
| TOC (Total Organic Carbon) | U | | 495 | 1000 |

## L1921551-13 Original Sample (OS) • Duplicate (DUP)

(OS) L1921551-13 12/01/25 20:31 • (DUP) R4308662-4 12/01/25 20:46

| Analyte | Original Result ug/l | DUP Result ug/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 1020 | 703 | 1 | 36.8 | J P1 | 20 |

## L1921578-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1921578-05 12/01/25 23:23 • (DUP) R4308662-1 12/01/25 23:39

| Analyte | Original Result ug/l | DUP Result ug/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 914 | 788 | 1 | 14.8 | J | 20 |

## Laboratory Control Sample (LCS)

(LCS) R4308662-8 12/01/25 17:44

| Analyte | Spike Amount ug/l | LCS Result ug/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 25000 | 26800 | 107 | 80.0-120 | |

## L1921551-12 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1921551-12 12/01/25 19:30 • (MS) R4308662-6 12/01/25 19:53 • (MSD) R4308662-5 12/01/25 20:15

| 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 % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 25000 | 880 | 28400 | 28100 | 110 | 109 | 1 | 75.0-125 | | | 1.17 | 20 |

## L1921578-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1921578-04 12/01/25 22:25 • (MS) R4308662-3 12/01/25 22:47 • (MSD) R4308662-2 12/01/25 23:08

| 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 % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 25000 | 843 | 27900 | 28300 | 108 | 110 | 1 | 75.0-125 | | | 1.36 | 20 |

## Method Blank (MB)

(MB) R4309081-5 12/01/25 21:17

| Analyte | MB Result ug/l | MB Qualifier | MB MDL ug/l | MB RDL ug/l |
|---|---|---|---|---|
| TOC (Total Organic Carbon) | U | | 495 | 1000 |

## L1921578-18 Original Sample (OS) • Duplicate (DUP)

(OS) L1921578-18 12/02/25 00:07 • (DUP) R4309081-2 12/02/25 00:24

| Analyte | Original Result ug/l | DUP Result ug/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | U | U | 1 | 0.000 | | 20 |

## Laboratory Control Sample (LCS)

(LCS) R4309081-6 12/01/25 21:01

| Analyte | Spike Amount ug/l | LCS Result ug/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 25000 | 25300 | 101 | 80.0-120 | |

## L1921578-17 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1921578-17 12/01/25 23:01 • (MS) R4309081-4 12/01/25 23:27 • (MSD) R4309081-3 12/01/25 23:51

| 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 % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOC (Total Organic Carbon) | 25000 | 1060 | 26600 | 26600 | 102 | 102 | 1 | 75.0-125 | | | 0.0702 | 20 |

## Method Blank (MB)

(MB) R4313845-1 12/13/25 20:01

| Analyte | MB Result ug/l | MB Qualifier | MB MDL ug/l | MB RDL ug/l |
|---|---|---|---|---|
| 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 |
| Chromium | U | | 0.900 | 2.00 |
| Copper | 0.894 | J | 0.700 | 5.00 |
| Cobalt | U | | 0.100 | 2.00 |
| Iron | U | | 22.6 | 100 |
| Lead | U | | 0.500 | 2.00 |
| Manganese | U | | 0.700 | 5.00 |
| Nickel | U | | 0.500 | 2.00 |
| Selenium | U | | 0.250 | 2.00 |
| Silver | U | | 0.110 | 2.00 |
| Thallium | U | | 0.130 | 2.00 |
| Vanadium | U | | 0.520 | 5.00 |
| Zinc | U | | 4.00 | 25.0 |

## Laboratory Control Sample (LCS)

(LCS) R4313845-2 12/13/25 20:04

| Analyte | Spike Amount ug/l | LCS Result ug/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---|---|---|---|---|---|
| Antimony | 50.0 | 45.2 | 90.4 | 80.0-120 | |
| Arsenic | 50.0 | 47.7 | 95.3 | 80.0-120 | |
| Barium | 50.0 | 44.7 | 89.5 | 80.0-120 | |
| Beryllium | 50.0 | 45.6 | 91.2 | 80.0-120 | |
| Cadmium | 50.0 | 49.9 | 99.9 | 80.0-120 | |
| Chromium | 50.0 | 48.1 | 96.3 | 80.0-120 | |
| Copper | 50.0 | 50.0 | 100 | 80.0-120 | |
| Cobalt | 50.0 | 47.8 | 95.5 | 80.0-120 | |
| Iron | 1000 | 954 | 95.4 | 80.0-120 | |
| Lead | 50.0 | 48.7 | 97.5 | 80.0-120 | |
| Manganese | 50.0 | 48.4 | 96.9 | 80.0-120 | |
| Nickel | 50.0 | 49.3 | 98.5 | 80.0-120 | |
| Selenium | 50.0 | 46.9 | 93.8 | 80.0-120 | |
| Silver | 50.0 | 44.7 | 89.3 | 80.0-120 | |
| Thallium | 50.0 | 49.3 | 98.7 | 80.0-120 | |
| Vanadium | 50.0 | 47.5 | 95.0 | 80.0-120 | |

## Laboratory Control Sample (LCS)

(LCS) R4313845-2 12/13/25 20:04

| Analyte | Spike Amount ug/l | LCS Result ug/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---|---|---|---|---|---|
| Zinc | 50.0 | 46.0 | 92.0 | 80.0-120 | |

## L1921578-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1921578-02 12/13/25 20:07 • (MS) R4313845-4 12/13/25 20:14 • (MSD) R4313845-5 12/13/25 20:17

| 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 % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 50.0 | U | 46.9 | 46.3 | 93.7 | 92.5 | 1 | 75.0-125 | | | 1.27 | 20 |
| Arsenic | 50.0 | 2.51 | 48.3 | 49.7 | 91.5 | 94.4 | 1 | 75.0-125 | | | 2.90 | 20 |
| Barium | 50.0 | 283 | 322 | 317 | 77.5 | 68.1 | 1 | 75.0-125 | | V | 1.48 | 20 |
| Beryllium | 50.0 | U | 44.0 | 44.9 | 88.0 | 89.8 | 1 | 75.0-125 | | | 2.02 | 20 |
| Cadmium | 50.0 | U | 48.9 | 49.4 | 97.9 | 98.9 | 1 | 75.0-125 | | | 1.03 | 20 |
| Chromium | 50.0 | U | 46.8 | 48.0 | 93.6 | 95.9 | 1 | 75.0-125 | | | 2.41 | 20 |
| Copper | 50.0 | 2.27 | 47.7 | 47.6 | 91.0 | 90.7 | 1 | 75.0-125 | | | 0.310 | 20 |
| Cobalt | 50.0 | 0.573 | 45.3 | 46.5 | 89.4 | 91.9 | 1 | 75.0-125 | | | 2.69 | 20 |
| Iron | 1000 | 8590 | 9500 | 9690 | 90.6 | 110 | 1 | 75.0-125 | | | 2.01 | 20 |
| Lead | 50.0 | U | 45.6 | 47.1 | 91.2 | 94.3 | 1 | 75.0-125 | | | 3.29 | 20 |
| Manganese | 50.0 | 313 | 360 | 361 | 95.2 | 95.7 | 1 | 75.0-125 | | | 0.0741 | 20 |
| Nickel | 50.0 | U | 46.5 | 47.6 | 93.0 | 95.1 | 1 | 75.0-125 | | | 2.26 | 20 |
| Selenium | 50.0 | U | 46.1 | 46.8 | 92.2 | 93.6 | 1 | 75.0-125 | | | 1.51 | 20 |
| Silver | 50.0 | U | 44.6 | 44.8 | 89.3 | 89.5 | 1 | 75.0-125 | | | 0.246 | 20 |
| Thallium | 50.0 | U | 46.8 | 47.9 | 93.6 | 95.9 | 1 | 75.0-125 | | | 2.46 | 20 |
| Vanadium | 50.0 | U | 46.5 | 47.9 | 92.9 | 95.7 | 1 | 75.0-125 | | | 3.00 | 20 |
| Zinc | 50.0 | 17.1 | 54.0 | 56.3 | 73.7 | 78.4 | 1 | 75.0-125 | J6 | | 4.24 | 20 |

## Method Blank (MB)

(MB) R4314914-1 12/16/25 14:46

| Analyte | MB Result ug/l | MB Qualifier | MB MDL ug/l | MB RDL ug/l |
|---|---|---|---|---|
| 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 |
| Chromium | U | | 0.900 | 2.00 |
| Copper | 1.17 | J | 0.700 | 5.00 |
| Cobalt | U | | 0.100 | 2.00 |
| Iron | U | | 22.6 | 100 |
| Lead | U | | 0.500 | 2.00 |
| Manganese | U | | 0.700 | 5.00 |
| Nickel | U | | 0.500 | 2.00 |
| Selenium | U | | 0.250 | 2.00 |
| Silver | U | | 0.110 | 2.00 |
| Thallium | U | | 0.130 | 2.00 |
| Vanadium | U | | 0.520 | 5.00 |
| Zinc | U | | 4.00 | 25.0 |

## Laboratory Control Sample (LCS)

(LCS) R4314914-2 12/16/25 14:50

| Analyte | Spike Amount ug/l | LCS Result ug/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---|---|---|---|---|---|
| Antimony | 50.0 | 48.5 | 96.9 | 80.0-120 | |
| Arsenic | 50.0 | 49.0 | 98.0 | 80.0-120 | |
| Barium | 50.0 | 48.0 | 95.9 | 80.0-120 | |
| Beryllium | 50.0 | 45.6 | 91.2 | 80.0-120 | |
| Cadmium | 50.0 | 51.7 | 103 | 80.0-120 | |
| Chromium | 50.0 | 50.2 | 100 | 80.0-120 | |
| Copper | 50.0 | 51.9 | 104 | 80.0-120 | |
| Cobalt | 50.0 | 50.7 | 101 | 80.0-120 | |
| Iron | 1000 | 994 | 99.4 | 80.0-120 | |
| Lead | 50.0 | 49.1 | 98.2 | 80.0-120 | |
| Manganese | 50.0 | 49.7 | 99.3 | 80.0-120 | |
| Nickel | 50.0 | 51.5 | 103 | 80.0-120 | |
| Selenium | 50.0 | 48.2 | 96.4 | 80.0-120 | |
| Silver | 50.0 | 48.0 | 95.9 | 80.0-120 | |
| Thallium | 50.0 | 50.1 | 100 | 80.0-120 | |
| Vanadium | 50.0 | 49.9 | 99.8 | 80.0-120 | |

## Laboratory Control Sample (LCS)

(LCS) R4314914-2 12/16/25 14:50

| Analyte | Spike Amount ug/l | LCS Result ug/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---|---|---|---|---|---|
| Zinc | 50.0 | 50.7 | 101 | 80.0-120 | |

## L1922293-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1922293-02 12/16/25 14:53 • (MS) R4314914-4 12/16/25 14:59 • (MSD) R4314914-5 12/16/25 15:02

| 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 % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 50.0 | 0.576 | 50.1 | 48.9 | 99.0 | 96.6 | 1 | 75.0-125 | | | 2.46 | 20 |
| Arsenic | 50.0 | U | 49.6 | 49.3 | 99.2 | 98.7 | 1 | 75.0-125 | | | 0.500 | 20 |
| Barium | 50.0 | 0.732 | 49.3 | 48.6 | 97.0 | 95.8 | 1 | 75.0-125 | | | 1.26 | 20 |
| Beryllium | 50.0 | U | 46.6 | 45.1 | 93.2 | 90.2 | 1 | 75.0-125 | | | 3.27 | 20 |
| Cadmium | 50.0 | U | 51.7 | 50.7 | 103 | 101 | 1 | 75.0-125 | | | 1.88 | 20 |
| Chromium | 50.0 | U | 50.9 | 50.8 | 102 | 102 | 1 | 75.0-125 | | | 0.0985 | 20 |
| Copper | 50.0 | 1.42 | 50.6 | 51.4 | 98.4 | 99.9 | 1 | 75.0-125 | | | 1.52 | 20 |
| Cobalt | 50.0 | U | 51.4 | 51.3 | 103 | 103 | 1 | 75.0-125 | | | 0.287 | 20 |
| Iron | 1000 | 47.4 | 1040 | 1060 | 99.7 | 101 | 1 | 75.0-125 | | | 1.57 | 20 |
| Lead | 50.0 | U | 50.1 | 50.9 | 100 | 102 | 1 | 75.0-125 | | | 1.54 | 20 |
| Manganese | 50.0 | 2.32 | 52.6 | 52.5 | 101 | 100 | 1 | 75.0-125 | | | 0.191 | 20 |
| Nickel | 50.0 | U | 51.7 | 51.9 | 103 | 104 | 1 | 75.0-125 | | | 0.317 | 20 |
| Selenium | 50.0 | U | 47.7 | 48.6 | 95.3 | 97.2 | 1 | 75.0-125 | | | 2.01 | 20 |
| Silver | 50.0 | U | 49.2 | 48.4 | 98.3 | 96.9 | 1 | 75.0-125 | | | 1.51 | 20 |
| Thallium | 50.0 | U | 50.2 | 50.8 | 100 | 102 | 1 | 75.0-125 | | | 1.34 | 20 |
| Vanadium | 50.0 | U | 49.9 | 50.1 | 99.8 | 100 | 1 | 75.0-125 | | | 0.391 | 20 |
| Zinc | 50.0 | 15.0 | 64.4 | 63.0 | 98.8 | 96.1 | 1 | 75.0-125 | | | 2.16 | 20 |

## Method Blank (MB)

(MB) R4306739-3 11/25/25 20:59

| Analyte | MB Result ug/l | MB Qualifier | MB MDL ug/l | MB RDL ug/l |
|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 |
| Acrylonitrile | U | | 8.09 | 10.0 |
| Benzene | U | | 0.320 | 1.00 |
| Bromochloromethane | U | | 0.437 | 1.00 |
| Bromodichloromethane | U | | 0.371 | 1.00 |
| Bromoform | U | | 0.548 | 1.00 |
| Bromomethane | U | | 4.85 | 5.00 |
| Carbon disulfide | U | | 0.510 | 1.00 |
| Carbon tetrachloride | U | | 0.360 | 1.00 |
| Chlorobenzene | U | | 0.266 | 1.00 |
| Chlorodibromomethane | U | | 0.398 | 1.00 |
| Chloroethane | U | | 2.79 | 5.00 |
| Chloroform | U | | 1.28 | 5.00 |
| Chloromethane | U | | 1.70 | 5.00 |
| Dibromomethane | U | | 0.422 | 1.00 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 |
| 1,2-Dibromo-3-Chloropropane | U | | 1.25 | 5.00 |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 |
| trans-1,4-Dichloro-2-butene | U | | 1.86 | 2.50 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 |
| 1,1-Dichloroethene | U | | 0.422 | 1.00 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 |
| Ethylbenzene | U | | 0.234 | 1.00 |
| 2-Hexanone | U | | 5.80 | 20.0 |
| Iodomethane | U | | 9.96 | 30.0 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 |
| Methylene Chloride | U | | 1.48 | 5.00 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 |
| Styrene | U | | 0.342 | 1.00 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 |
| Tetrachloroethene | U | | 0.358 | 1.00 |
| Toluene | U | | 0.274 | 1.00 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 |

## Method Blank (MB)

(MB) R4306739-3 11/25/25 20:59

| Analyte | MB Result ug/l | MB Qualifier | MB MDL ug/l | MB RDL ug/l |
|---|---|---|---|---|
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 |
| Trichloroethene | U | | 0.383 | 1.00 |
| Trichlorofluoromethane | U | | 3.04 | 5.00 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 |
| Vinyl acetate | U | | 8.47 | 10.0 |
| Vinyl chloride | U | | 0.458 | 1.00 |
| Xylenes, Total | U | | 0.319 | 3.00 |
| *(S) Toluene-d8* | *106* | | | *80.0-120* |
| *(S) 4-Bromofluorobenzene* | *104* | | | *77.0-126* |
| *(S) 1,2-Dichloroethane-d4* | *101* | | | *70.0-130* |

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

(LCS) R4306739-1 11/25/25 19:58 • (LCSD) R4306739-2 11/25/25 20:19

| 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 | 50.0 | 38.9 | 50.5 | 77.8 | 101 | 19.0-160 | J | | 26.0 | 27 |
| Acrylonitrile | 50.0 | 49.6 | 50.7 | 99.2 | 101 | 55.0-149 | | | 2.19 | 20 |
| Benzene | 10.0 | 9.62 | 9.94 | 96.2 | 99.4 | 70.0-123 | | | 3.27 | 20 |
| Bromochloromethane | 10.0 | 10.8 | 10.4 | 108 | 104 | 76.0-122 | | | 3.77 | 20 |
| Bromodichloromethane | 10.0 | 9.07 | 9.52 | 90.7 | 95.2 | 75.0-120 | | | 4.84 | 20 |
| Bromoform | 10.0 | 8.54 | 9.12 | 85.4 | 91.2 | 68.0-132 | | | 6.57 | 20 |
| Bromomethane | 10.0 | 10.6 | 10.9 | 106 | 109 | 10.0-160 | | | 2.79 | 25 |
| Carbon disulfide | 10.0 | 9.29 | 9.61 | 92.9 | 96.1 | 61.0-128 | | | 3.39 | 20 |
| Carbon tetrachloride | 10.0 | 9.30 | 9.57 | 93.0 | 95.7 | 68.0-126 | | | 2.86 | 20 |
| Chlorobenzene | 10.0 | 9.57 | 9.78 | 95.7 | 97.8 | 80.0-121 | | | 2.17 | 20 |
| Chlorodibromomethane | 10.0 | 9.12 | 9.24 | 91.2 | 92.4 | 77.0-125 | | | 1.31 | 20 |
| Chloroethane | 10.0 | 10.8 | 11.0 | 108 | 110 | 47.0-150 | | | 1.83 | 20 |
| Chloroform | 10.0 | 9.49 | 9.65 | 94.9 | 96.5 | 73.0-120 | | | 1.67 | 20 |
| Chloromethane | 10.0 | 8.29 | 8.56 | 82.9 | 85.6 | 41.0-142 | | | 3.20 | 20 |
| Dibromomethane | 10.0 | 9.84 | 10.4 | 98.4 | 104 | 80.0-120 | | | 5.53 | 20 |
| 1,2-Dibromoethane | 10.0 | 9.45 | 9.89 | 94.5 | 98.9 | 80.0-122 | | | 4.55 | 20 |
| 1,2-Dibromo-3-Chloropropane | 10.0 | 8.94 | 9.08 | 89.4 | 90.8 | 58.0-134 | | | 1.55 | 20 |
| 1,2-Dichlorobenzene | 10.0 | 9.68 | 10.1 | 96.8 | 101 | 79.0-121 | | | 4.25 | 20 |
| 1,4-Dichlorobenzene | 10.0 | 9.50 | 9.82 | 95.0 | 98.2 | 79.0-120 | | | 3.31 | 20 |
| trans-1,4-Dichloro-2-butene | 10.0 | 8.26 | 8.84 | 82.6 | 88.4 | 33.0-144 | | | 6.78 | 20 |
| 1,1-Dichloroethane | 10.0 | 10.1 | 10.5 | 101 | 105 | 70.0-126 | | | 3.88 | 20 |
| 1,2-Dichloroethane | 10.0 | 9.68 | 10.0 | 96.8 | 100 | 70.0-128 | | | 3.25 | 20 |
| 1,1-Dichloroethene | 10.0 | 9.64 | 9.70 | 96.4 | 97.0 | 71.0-124 | | | 0.620 | 20 |

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

(LCS) R4306739-1 11/25/25 19:58 • (LCSD) R4306739-2 11/25/25 20:19

| 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 % |
|---|---|---|---|---|---|---|---|---|---|---|
| cis-1,2-Dichloroethene | 10.0 | 9.59 | 9.57 | 95.9 | 95.7 | 73.0-120 | | | 0.209 | 20 |
| trans-1,2-Dichloroethene | 10.0 | 9.86 | 9.99 | 98.6 | 99.9 | 73.0-120 | | | 1.31 | 20 |
| 1,2-Dichloropropane | 10.0 | 10.7 | 10.3 | 107 | 103 | 77.0-125 | | | 3.81 | 20 |
| cis-1,3-Dichloropropene | 10.0 | 8.92 | 8.95 | 89.2 | 89.5 | 80.0-123 | | | 0.336 | 20 |
| trans-1,3-Dichloropropene | 10.0 | 8.75 | 8.75 | 87.5 | 87.5 | 78.0-124 | | | 0.000 | 20 |
| Ethylbenzene | 10.0 | 9.70 | 9.93 | 97.0 | 99.3 | 79.0-123 | | | 2.34 | 20 |
| 2-Hexanone | 50.0 | 47.5 | 49.1 | 95.0 | 98.2 | 67.0-149 | | | 3.31 | 20 |
| Iodomethane | 50.0 | 52.3 | 52.2 | 105 | 104 | 33.0-147 | | | 0.191 | 26 |
| 2-Butanone (MEK) | 50.0 | 37.3 | 41.4 | 74.6 | 82.8 | 44.0-160 | | | 10.4 | 20 |
| Methylene Chloride | 10.0 | 9.94 | 9.97 | 99.4 | 99.7 | 67.0-120 | | | 0.301 | 20 |
| 4-Methyl-2-pentanone (MIBK) | 50.0 | 48.9 | 49.7 | 97.8 | 99.4 | 68.0-142 | | | 1.62 | 20 |
| Styrene | 10.0 | 9.66 | 9.54 | 96.6 | 95.4 | 73.0-130 | | | 1.25 | 20 |
| 1,1,1,2-Tetrachloroethane | 10.0 | 8.32 | 8.92 | 83.2 | 89.2 | 75.0-125 | | | 6.96 | 20 |
| 1,1,2,2-Tetrachloroethane | 10.0 | 8.23 | 8.23 | 82.3 | 82.3 | 65.0-130 | | | 0.000 | 20 |
| Tetrachloroethene | 10.0 | 9.04 | 8.99 | 90.4 | 89.9 | 72.0-132 | | | 0.555 | 20 |
| Toluene | 10.0 | 9.23 | 9.29 | 92.3 | 92.9 | 79.0-120 | | | 0.648 | 20 |
| 1,1,1-Trichloroethane | 10.0 | 9.68 | 9.90 | 96.8 | 99.0 | 73.0-124 | | | 2.25 | 20 |
| 1,1,2-Trichloroethane | 10.0 | 8.93 | 9.13 | 89.3 | 91.3 | 80.0-120 | | | 2.21 | 20 |
| Trichloroethene | 10.0 | 10.2 | 10.4 | 102 | 104 | 78.0-124 | | | 1.94 | 20 |
| Trichlorofluoromethane | 10.0 | 11.8 | 10.4 | 118 | 104 | 59.0-147 | | | 12.6 | 20 |
| 1,2,3-Trichloropropane | 10.0 | 10.5 | 10.4 | 105 | 104 | 73.0-130 | | | 0.957 | 20 |
| Vinyl acetate | 50.0 | 27.0 | 26.8 | 54.0 | 53.6 | 11.0-160 | | | 0.744 | 20 |
| Vinyl chloride | 10.0 | 11.3 | 11.4 | 113 | 114 | 67.0-131 | | | 0.881 | 20 |
| Xylenes, Total | 30.0 | 29.1 | 29.8 | 97.0 | 99.3 | 79.0-123 | | | 2.38 | 20 |
| *(S) Toluene-d8* | | | | *99.1* | *98.3* | *80.0-120* | | | | |
| *(S) 4-Bromofluorobenzene* | | | | *101* | *98.3* | *77.0-126* | | | | |
| *(S) 1,2-Dichloroethane-d4* | | | | *103* | *107* | *70.0-130* | | | | |

## Method Blank (MB)

(MB) R4307162-3 11/26/25 07:24

| Analyte | MB Result ug/l | MB Qualifier | MB MDL ug/l | MB RDL ug/l |
|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 |
| Acrylonitrile | U | | 8.09 | 10.0 |
| Benzene | U | | 0.320 | 1.00 |
| Bromochloromethane | U | | 0.437 | 1.00 |
| Bromodichloromethane | U | | 0.371 | 1.00 |
| Bromoform | U | | 0.548 | 1.00 |
| Bromomethane | U | | 4.85 | 5.00 |
| Carbon disulfide | U | | 0.510 | 1.00 |
| Carbon tetrachloride | U | | 0.360 | 1.00 |
| Chlorobenzene | U | | 0.266 | 1.00 |
| Chlorodibromomethane | U | | 0.398 | 1.00 |
| Chloroethane | U | | 2.79 | 5.00 |
| Chloroform | U | | 1.28 | 5.00 |
| Chloromethane | U | | 1.70 | 5.00 |
| Dibromomethane | U | | 0.422 | 1.00 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 |
| 1,2-Dibromo-3-Chloropropane | U | | 1.25 | 5.00 |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 |
| trans-1,4-Dichloro-2-butene | U | | 1.86 | 2.50 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 |
| 1,1-Dichloroethene | U | | 0.422 | 1.00 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 |
| Ethylbenzene | U | | 0.234 | 1.00 |
| 2-Hexanone | U | | 5.80 | 20.0 |
| Iodomethane | U | | 9.96 | 30.0 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 |
| Methylene Chloride | U | | 1.48 | 5.00 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 |
| Styrene | U | | 0.342 | 1.00 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 |
| Tetrachloroethene | U | | 0.358 | 1.00 |
| Toluene | U | | 0.274 | 1.00 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 |

## Method Blank (MB)

(MB) R4307162-3 11/26/25 07:24

| Analyte | MB Result ug/l | MB Qualifier | MB MDL ug/l | MB RDL ug/l |
|---|---|---|---|---|
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 |
| Trichloroethene | U | | 0.383 | 1.00 |
| Trichlorofluoromethane | U | | 3.04 | 5.00 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 |
| Vinyl acetate | U | | 8.47 | 10.0 |
| Vinyl chloride | U | | 0.458 | 1.00 |
| Xylenes, Total | U | | 0.319 | 3.00 |
| *(S) Toluene-d8* | *108* | | | *80.0-120* |
| *(S) 4-Bromofluorobenzene* | *90.1* | | | *77.0-126* |
| *(S) 1,2-Dichloroethane-d4* | *104* | | | *70.0-130* |

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

(LCS) R4307162-1 11/26/25 05:39 • (LCSD) R4307162-2 11/26/25 06:00

| 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 | 50.0 | 40.4 | 65.8 | 80.8 | 132 | 19.0-160 | J | J3 | 47.8 | 27 |
| Acrylonitrile | 50.0 | 51.2 | 51.9 | 102 | 104 | 55.0-149 | | | 1.36 | 20 |
| Benzene | 10.0 | 8.84 | 9.09 | 88.4 | 90.9 | 70.0-123 | | | 2.79 | 20 |
| Bromochloromethane | 10.0 | 8.91 | 9.49 | 89.1 | 94.9 | 76.0-122 | | | 6.30 | 20 |
| Bromodichloromethane | 10.0 | 8.99 | 8.91 | 89.9 | 89.1 | 75.0-120 | | | 0.894 | 20 |
| Bromoform | 10.0 | 8.47 | 8.98 | 84.7 | 89.8 | 68.0-132 | | | 5.85 | 20 |
| Bromomethane | 10.0 | 6.38 | 6.78 | 63.8 | 67.8 | 10.0-160 | | | 6.08 | 25 |
| Carbon disulfide | 10.0 | 8.35 | 8.52 | 83.5 | 85.2 | 61.0-128 | | | 2.02 | 20 |
| Carbon tetrachloride | 10.0 | 8.74 | 8.78 | 87.4 | 87.8 | 68.0-126 | | | 0.457 | 20 |
| Chlorobenzene | 10.0 | 10.3 | 10.6 | 103 | 106 | 80.0-121 | | | 2.87 | 20 |
| Chlorodibromomethane | 10.0 | 9.23 | 9.58 | 92.3 | 95.8 | 77.0-125 | | | 3.72 | 20 |
| Chloroethane | 10.0 | 10.4 | 10.3 | 104 | 103 | 47.0-150 | | | 0.966 | 20 |
| Chloroform | 10.0 | 8.70 | 8.95 | 87.0 | 89.5 | 73.0-120 | | | 2.83 | 20 |
| Chloromethane | 10.0 | 10.5 | 10.4 | 105 | 104 | 41.0-142 | | | 0.957 | 20 |
| Dibromomethane | 10.0 | 8.86 | 9.26 | 88.6 | 92.6 | 80.0-120 | | | 4.42 | 20 |
| 1,2-Dibromoethane | 10.0 | 9.83 | 10.1 | 98.3 | 101 | 80.0-122 | | | 2.71 | 20 |
| 1,2-Dibromo-3-Chloropropane | 10.0 | 8.11 | 8.62 | 81.1 | 86.2 | 58.0-134 | | | 6.10 | 20 |
| 1,2-Dichlorobenzene | 10.0 | 10.3 | 10.7 | 103 | 107 | 79.0-121 | | | 3.81 | 20 |
| 1,4-Dichlorobenzene | 10.0 | 10.4 | 10.9 | 104 | 109 | 79.0-120 | | | 4.69 | 20 |
| trans-1,4-Dichloro-2-butene | 10.0 | 10.7 | 11.2 | 107 | 112 | 33.0-144 | | | 4.57 | 20 |
| 1,1-Dichloroethane | 10.0 | 9.61 | 9.80 | 96.1 | 98.0 | 70.0-126 | | | 1.96 | 20 |
| 1,2-Dichloroethane | 10.0 | 9.40 | 9.79 | 94.0 | 97.9 | 70.0-128 | | | 4.06 | 20 |
| 1,1-Dichloroethene | 10.0 | 8.25 | 8.05 | 82.5 | 80.5 | 71.0-124 | | | 2.45 | 20 |

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

(LCS) R4307162-1 11/26/25 05:39 • (LCSD) R4307162-2 11/26/25 06:00

| 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 % |
|---|---|---|---|---|---|---|---|---|---|---|
| cis-1,2-Dichloroethene | 10.0 | 8.64 | 8.34 | 86.4 | 83.4 | 73.0-120 | | | 3.53 | 20 |
| trans-1,2-Dichloroethene | 10.0 | 8.90 | 8.94 | 89.0 | 89.4 | 73.0-120 | | | 0.448 | 20 |
| 1,2-Dichloropropane | 10.0 | 9.71 | 10.2 | 97.1 | 102 | 77.0-125 | | | 4.92 | 20 |
| cis-1,3-Dichloropropene | 10.0 | 8.55 | 8.60 | 85.5 | 86.0 | 80.0-123 | | | 0.583 | 20 |
| trans-1,3-Dichloropropene | 10.0 | 9.62 | 10.1 | 96.2 | 101 | 78.0-124 | | | 4.87 | 20 |
| Ethylbenzene | 10.0 | 10.1 | 10.7 | 101 | 107 | 79.0-123 | | | 5.77 | 20 |
| 2-Hexanone | 50.0 | 50.5 | 60.2 | 101 | 120 | 67.0-149 | | | 17.5 | 20 |
| Iodomethane | 50.0 | 31.4 | 40.0 | 62.8 | 80.0 | 33.0-147 | | | 24.1 | 26 |
| 2-Butanone (MEK) | 50.0 | 46.9 | 58.5 | 93.8 | 117 | 44.0-160 | | J3 | 22.0 | 20 |
| Methylene Chloride | 10.0 | 8.73 | 9.09 | 87.3 | 90.9 | 67.0-120 | | | 4.04 | 20 |
| 4-Methyl-2-pentanone (MIBK) | 50.0 | 59.8 | 63.0 | 120 | 126 | 68.0-142 | | | 5.21 | 20 |
| Styrene | 10.0 | 9.47 | 10.1 | 94.7 | 101 | 73.0-130 | | | 6.44 | 20 |
| 1,1,1,2-Tetrachloroethane | 10.0 | 9.14 | 9.60 | 91.4 | 96.0 | 75.0-125 | | | 4.91 | 20 |
| 1,1,2,2-Tetrachloroethane | 10.0 | 10.4 | 11.1 | 104 | 111 | 65.0-130 | | | 6.51 | 20 |
| Tetrachloroethene | 10.0 | 10.4 | 10.5 | 104 | 105 | 72.0-132 | | | 0.957 | 20 |
| Toluene | 10.0 | 9.97 | 10.3 | 99.7 | 103 | 79.0-120 | | | 3.26 | 20 |
| 1,1,1-Trichloroethane | 10.0 | 8.93 | 8.97 | 89.3 | 89.7 | 73.0-124 | | | 0.447 | 20 |
| 1,1,2-Trichloroethane | 10.0 | 10.2 | 10.4 | 102 | 104 | 80.0-120 | | | 1.94 | 20 |
| Trichloroethene | 10.0 | 9.20 | 9.19 | 92.0 | 91.9 | 78.0-124 | | | 0.109 | 20 |
| Trichlorofluoromethane | 10.0 | 9.25 | 9.05 | 92.5 | 90.5 | 59.0-147 | | | 2.19 | 20 |
| 1,2,3-Trichloropropane | 10.0 | 11.2 | 11.2 | 112 | 112 | 73.0-130 | | | 0.000 | 20 |
| Vinyl acetate | 50.0 | 41.9 | 49.1 | 83.8 | 98.2 | 11.0-160 | | | 15.8 | 20 |
| Vinyl chloride | 10.0 | 11.2 | 10.5 | 112 | 105 | 67.0-131 | | | 6.45 | 20 |
| Xylenes, Total | 30.0 | 29.8 | 30.6 | 99.3 | 102 | 79.0-123 | | | 2.65 | 20 |
| *(S) Toluene-d8* | | | | *107* | *108* | *80.0-120* | | | | |
| *(S) 4-Bromofluorobenzene* | | | | *91.3* | *94.3* | *77.0-126* | | | | |
| *(S) 1,2-Dichloroethane-d4* | | | | *100* | *101* | *70.0-130* | | | | |

## Method Blank (MB)

(MB) R4308049-3 11/29/25 07:14

| Analyte | MB Result ug/l | MB Qualifier | MB MDL ug/l | MB RDL ug/l |
|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 |
| Acrylonitrile | U | | 8.09 | 10.0 |
| Benzene | U | | 0.320 | 1.00 |
| Bromochloromethane | U | | 0.437 | 1.00 |
| Bromodichloromethane | U | | 0.371 | 1.00 |
| Bromoform | U | | 0.548 | 1.00 |
| Bromomethane | U | | 4.85 | 5.00 |
| Carbon disulfide | U | | 0.510 | 1.00 |
| Carbon tetrachloride | U | | 0.360 | 1.00 |
| Chlorobenzene | U | | 0.266 | 1.00 |
| Chlorodibromomethane | U | | 0.398 | 1.00 |
| Chloroethane | U | | 2.79 | 5.00 |
| Chloroform | U | | 1.28 | 5.00 |
| Chloromethane | U | | 1.70 | 5.00 |
| Dibromomethane | U | | 0.422 | 1.00 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 |
| 1,2-Dibromo-3-Chloropropane | U | | 1.25 | 5.00 |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 |
| trans-1,4-Dichloro-2-butene | U | | 1.86 | 2.50 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 |
| 1,1-Dichloroethene | U | | 0.422 | 1.00 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 |
| Ethylbenzene | U | | 0.234 | 1.00 |
| 2-Hexanone | U | | 5.80 | 20.0 |
| Iodomethane | U | | 9.96 | 30.0 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 |
| Methylene Chloride | U | | 1.48 | 5.00 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 |
| Styrene | U | | 0.342 | 1.00 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 |
| Tetrachloroethene | U | | 0.358 | 1.00 |
| Toluene | U | | 0.274 | 1.00 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 |

## Method Blank (MB)

(MB) R4308049-3 11/29/25 07:14

| Analyte | MB Result ug/l | MB Qualifier | MB MDL ug/l | MB RDL ug/l |
|---|---|---|---|---|
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 |
| Trichloroethene | U | | 0.383 | 1.00 |
| Trichlorofluoromethane | U | | 3.04 | 5.00 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 |
| Vinyl acetate | U | | 8.47 | 10.0 |
| Vinyl chloride | U | | 0.458 | 1.00 |
| Xylenes, Total | U | | 0.319 | 3.00 |
| *(S) Toluene-d8* | *103* | | | *80.0-120* |
| *(S) 4-Bromofluorobenzene* | *95.2* | | | *77.0-126* |
| *(S) 1,2-Dichloroethane-d4* | *108* | | | *70.0-130* |

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

(LCS) R4308049-1 11/29/25 05:54 • (LCSD) R4308049-2 11/29/25 06:14

| 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 | 50.0 | 58.5 | 64.9 | 117 | 130 | 19.0-160 | | | 10.4 | 27 |
| Acrylonitrile | 50.0 | 50.8 | 51.7 | 102 | 103 | 55.0-149 | | | 1.76 | 20 |
| Benzene | 10.0 | 8.92 | 9.71 | 89.2 | 97.1 | 70.0-123 | | | 8.48 | 20 |
| Bromochloromethane | 10.0 | 8.98 | 9.95 | 89.8 | 99.5 | 76.0-122 | | | 10.2 | 20 |
| Bromodichloromethane | 10.0 | 9.07 | 9.63 | 90.7 | 96.3 | 75.0-120 | | | 5.99 | 20 |
| Bromoform | 10.0 | 8.00 | 8.36 | 80.0 | 83.6 | 68.0-132 | | | 4.40 | 20 |
| Bromomethane | 10.0 | 14.3 | 15.3 | 143 | 153 | 10.0-160 | | | 6.76 | 25 |
| Carbon disulfide | 10.0 | 9.02 | 11.8 | 90.2 | 118 | 61.0-128 | | J3 | 26.7 | 20 |
| Carbon tetrachloride | 10.0 | 10.2 | 10.8 | 102 | 108 | 68.0-126 | | | 5.71 | 20 |
| Chlorobenzene | 10.0 | 8.74 | 9.48 | 87.4 | 94.8 | 80.0-121 | | | 8.12 | 20 |
| Chlorodibromomethane | 10.0 | 8.88 | 9.42 | 88.8 | 94.2 | 77.0-125 | | | 5.90 | 20 |
| Chloroethane | 10.0 | 11.4 | 11.6 | 114 | 116 | 47.0-150 | | | 1.74 | 20 |
| Chloroform | 10.0 | 9.34 | 9.74 | 93.4 | 97.4 | 73.0-120 | | | 4.19 | 20 |
| Chloromethane | 10.0 | 10.3 | 11.2 | 103 | 112 | 41.0-142 | | | 8.37 | 20 |
| Dibromomethane | 10.0 | 10.0 | 10.4 | 100 | 104 | 80.0-120 | | | 3.92 | 20 |
| 1,2-Dibromoethane | 10.0 | 9.41 | 9.81 | 94.1 | 98.1 | 80.0-122 | | | 4.16 | 20 |
| 1,2-Dibromo-3-Chloropropane | 10.0 | 7.21 | 7.60 | 72.1 | 76.0 | 58.0-134 | | | 5.27 | 20 |
| 1,2-Dichlorobenzene | 10.0 | 9.61 | 9.93 | 96.1 | 99.3 | 79.0-121 | | | 3.28 | 20 |
| 1,4-Dichlorobenzene | 10.0 | 8.84 | 9.61 | 88.4 | 96.1 | 79.0-120 | | | 8.35 | 20 |
| trans-1,4-Dichloro-2-butene | 10.0 | 13.5 | 10.5 | 135 | 105 | 33.0-144 | | J3 | 25.0 | 20 |
| 1,1-Dichloroethane | 10.0 | 9.48 | 9.80 | 94.8 | 98.0 | 70.0-126 | | | 3.32 | 20 |
| 1,2-Dichloroethane | 10.0 | 9.90 | 10.5 | 99.0 | 105 | 70.0-128 | | | 5.88 | 20 |
| 1,1-Dichloroethene | 10.0 | 9.87 | 12.5 | 98.7 | 125 | 71.0-124 | | J3 J4 | 23.5 | 20 |

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

(LCS) R4308049-1 11/29/25 05:54 • (LCSD) R4308049-2 11/29/25 06:14

| 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 % |
|---|---|---|---|---|---|---|---|---|---|---|
| cis-1,2-Dichloroethene | 10.0 | 8.98 | 9.42 | 89.8 | 94.2 | 73.0-120 | | | 4.78 | 20 |
| trans-1,2-Dichloroethene | 10.0 | 9.22 | 10.0 | 92.2 | 100 | 73.0-120 | | | 8.12 | 20 |
| 1,2-Dichloropropane | 10.0 | 9.77 | 10.3 | 97.7 | 103 | 77.0-125 | | | 5.28 | 20 |
| cis-1,3-Dichloropropene | 10.0 | 9.24 | 9.92 | 92.4 | 99.2 | 80.0-123 | | | 7.10 | 20 |
| trans-1,3-Dichloropropene | 10.0 | 9.65 | 10.1 | 96.5 | 101 | 78.0-124 | | | 4.56 | 20 |
| Ethylbenzene | 10.0 | 8.96 | 9.38 | 89.6 | 93.8 | 79.0-123 | | | 4.58 | 20 |
| 2-Hexanone | 50.0 | 48.7 | 52.2 | 97.4 | 104 | 67.0-149 | | | 6.94 | 20 |
| Iodomethane | 50.0 | 55.8 | 64.9 | 112 | 130 | 33.0-147 | | | 15.1 | 26 |
| 2-Butanone (MEK) | 50.0 | 51.9 | 56.6 | 104 | 113 | 44.0-160 | | | 8.66 | 20 |
| Methylene Chloride | 10.0 | 8.96 | 9.57 | 89.6 | 95.7 | 67.0-120 | | | 6.58 | 20 |
| 4-Methyl-2-pentanone (MIBK) | 50.0 | 50.5 | 52.3 | 101 | 105 | 68.0-142 | | | 3.50 | 20 |
| Styrene | 10.0 | 8.33 | 9.07 | 83.3 | 90.7 | 73.0-130 | | | 8.51 | 20 |
| 1,1,1,2-Tetrachloroethane | 10.0 | 8.68 | 9.25 | 86.8 | 92.5 | 75.0-125 | | | 6.36 | 20 |
| 1,1,2,2-Tetrachloroethane | 10.0 | 9.67 | 9.94 | 96.7 | 99.4 | 65.0-130 | | | 2.75 | 20 |
| Tetrachloroethene | 10.0 | 8.79 | 9.08 | 87.9 | 90.8 | 72.0-132 | | | 3.25 | 20 |
| Toluene | 10.0 | 9.10 | 9.58 | 91.0 | 95.8 | 79.0-120 | | | 5.14 | 20 |
| 1,1,1-Trichloroethane | 10.0 | 9.84 | 10.5 | 98.4 | 105 | 73.0-124 | | | 6.49 | 20 |
| 1,1,2-Trichloroethane | 10.0 | 9.75 | 10.2 | 97.5 | 102 | 80.0-120 | | | 4.51 | 20 |
| Trichloroethene | 10.0 | 9.40 | 10.0 | 94.0 | 100 | 78.0-124 | | | 6.19 | 20 |
| Trichlorofluoromethane | 10.0 | 9.90 | 12.3 | 99.0 | 123 | 59.0-147 | | J3 | 21.6 | 20 |
| 1,2,3-Trichloropropane | 10.0 | 9.73 | 9.94 | 97.3 | 99.4 | 73.0-130 | | | 2.14 | 20 |
| Vinyl acetate | 50.0 | 34.5 | 34.4 | 69.0 | 68.8 | 11.0-160 | | | 0.290 | 20 |
| Vinyl chloride | 10.0 | 11.2 | 12.5 | 112 | 125 | 67.0-131 | | | 11.0 | 20 |
| Xylenes, Total | 30.0 | 26.5 | 28.3 | 88.3 | 94.3 | 79.0-123 | | | 6.57 | 20 |
| *(S) Toluene-d8* | | | | *100* | *98.7* | *80.0-120* | | | | |
| *(S) 4-Bromofluorobenzene* | | | | *96.9* | *94.9* | *77.0-126* | | | | |
| *(S) 1,2-Dichloroethane-d4* | | | | *108* | *109* | *70.0-130* | | | | |

## Method Blank (MB)

(MB) R4307867-4 11/28/25 10:35

| Analyte | MB Result | MB Qualifier | MB MDL | MB RDL |
|---|---|---|---|---|
| | ug/l | | ug/l | ug/l |
| Tetrachloroethene | U | | 0.358 | 1.00 |
| *(S) Toluene-d8* | *97.4* | | | *80.0-120* |
| *(S) 4-Bromofluorobenzene* | *97.4* | | | *77.0-126* |
| *(S) 1,2-Dichloroethane-d4* | *103* | | | *70.0-130* |

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

(LCS) R4307867-1 11/28/25 08:53 • (LCSD) R4307867-2 11/28/25 09:13

| Analyte | Spike Amount | LCS Result | LCSD Result | LCS Rec. | LCSD Rec. | Rec. Limits | LCS Qualifier | LCSD Qualifier | RPD | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|
| | ug/l | ug/l | ug/l | % | % | % | | | % | % |
| Tetrachloroethene | 10.0 | 9.87 | 10.1 | 98.7 | 101 | 72.0-132 | | | 2.30 | 20 |
| *(S) Toluene-d8* | | | | *95.4* | *97.5* | *80.0-120* | | | | |
| *(S) 4-Bromofluorobenzene* | | | | *98.1* | *101* | *77.0-126* | | | | |
| *(S) 1,2-Dichloroethane-d4* | | | | *103* | *103* | *70.0-130* | | | | |

## Method Blank (MB)

(MB) R4308518-2 11/29/25 11:46

| Analyte | MB Result ug/l | MB Qualifier | MB MDL ug/l | MB RDL ug/l |
|---|---|---|---|---|
| Acetone | U | | 46.9 | 50.0 |
| Acrylonitrile | U | | 8.09 | 10.0 |
| Benzene | U | | 0.320 | 1.00 |
| Bromochloromethane | U | | 0.437 | 1.00 |
| Bromodichloromethane | U | | 0.371 | 1.00 |
| Bromoform | U | | 0.548 | 1.00 |
| Bromomethane | U | | 4.85 | 5.00 |
| Carbon disulfide | U | | 0.510 | 1.00 |
| Carbon tetrachloride | U | | 0.360 | 1.00 |
| Chlorobenzene | U | | 0.266 | 1.00 |
| Chlorodibromomethane | U | | 0.398 | 1.00 |
| Chloroethane | U | | 2.79 | 5.00 |
| Chloroform | U | | 1.28 | 5.00 |
| Chloromethane | U | | 1.70 | 5.00 |
| Dibromomethane | U | | 0.422 | 1.00 |
| 1,2-Dibromoethane | U | | 0.341 | 1.00 |
| 1,2-Dibromo-3-Chloropropane | U | | 1.25 | 5.00 |
| 1,2-Dichlorobenzene | U | | 0.304 | 1.00 |
| 1,4-Dichlorobenzene | U | | 0.277 | 1.00 |
| trans-1,4-Dichloro-2-butene | U | | 1.86 | 2.50 |
| 1,1-Dichloroethane | U | | 0.389 | 1.00 |
| 1,2-Dichloroethane | U | | 0.395 | 1.00 |
| 1,1-Dichloroethene | U | | 0.422 | 1.00 |
| cis-1,2-Dichloroethene | U | | 0.323 | 1.00 |
| trans-1,2-Dichloroethene | U | | 0.348 | 1.00 |
| 1,2-Dichloropropane | U | | 0.427 | 1.00 |
| cis-1,3-Dichloropropene | U | | 0.348 | 1.00 |
| trans-1,3-Dichloropropene | U | | 0.313 | 1.00 |
| Ethylbenzene | U | | 0.234 | 1.00 |
| 2-Hexanone | U | | 5.80 | 20.0 |
| Iodomethane | U | | 9.96 | 30.0 |
| 2-Butanone (MEK) | U | | 9.00 | 20.0 |
| Methylene Chloride | U | | 1.48 | 5.00 |
| 4-Methyl-2-pentanone (MIBK) | U | | 7.52 | 20.0 |
| Styrene | U | | 0.342 | 1.00 |
| 1,1,1,2-Tetrachloroethane | U | | 0.381 | 1.00 |
| 1,1,2,2-Tetrachloroethane | U | | 0.354 | 1.00 |
| Tetrachloroethene | U | | 0.358 | 1.00 |
| Toluene | U | | 0.274 | 1.00 |
| 1,1,1-Trichloroethane | U | | 0.336 | 1.00 |

## Method Blank (MB)

(MB) R4308518-2 11/29/25 11:46

| Analyte | MB Result ug/l | MB Qualifier | MB MDL ug/l | MB RDL ug/l |
|---|---|---|---|---|
| 1,1,2-Trichloroethane | U | | 0.375 | 1.00 |
| Trichloroethene | U | | 0.383 | 1.00 |
| Trichlorofluoromethane | U | | 3.04 | 5.00 |
| 1,2,3-Trichloropropane | U | | 0.602 | 2.50 |
| Vinyl acetate | U | | 8.47 | 10.0 |
| Vinyl chloride | U | | 0.458 | 1.00 |
| Xylenes, Total | U | | 0.319 | 3.00 |
| *(S) Toluene-d8* | *98.3* | | | *80.0-120* |
| *(S) 4-Bromofluorobenzene* | *98.3* | | | *77.0-126* |
| *(S) 1,2-Dichloroethane-d4* | *90.9* | | | *70.0-130* |

## Laboratory Control Sample (LCS)

(LCS) R4308518-1 11/29/25 11:04

| Analyte | Spike Amount ug/l | LCS Result ug/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---|---|---|---|---|---|
| Acetone | 50.0 | 36.8 | 73.6 | 19.0-160 | J |
| Acrylonitrile | 50.0 | 54.5 | 109 | 55.0-149 | |
| Benzene | 10.0 | 11.1 | 111 | 70.0-123 | |
| Bromochloromethane | 10.0 | 11.0 | 110 | 76.0-122 | |
| Bromodichloromethane | 10.0 | 10.7 | 107 | 75.0-120 | |
| Bromoform | 10.0 | 9.63 | 96.3 | 68.0-132 | |
| Bromomethane | 10.0 | 3.27 | 32.7 | 10.0-160 | J |
| Carbon disulfide | 10.0 | 10.7 | 107 | 61.0-128 | |
| Carbon tetrachloride | 10.0 | 10.3 | 103 | 68.0-126 | |
| Chlorobenzene | 10.0 | 9.50 | 95.0 | 80.0-121 | |
| Chlorodibromomethane | 10.0 | 9.98 | 99.8 | 77.0-125 | |
| Chloroethane | 10.0 | 6.06 | 60.6 | 47.0-150 | |
| Chloroform | 10.0 | 10.6 | 106 | 73.0-120 | |
| Chloromethane | 10.0 | 14.5 | 145 | 41.0-142 | J4 |
| Dibromomethane | 10.0 | 11.1 | 111 | 80.0-120 | |
| 1,2-Dibromoethane | 10.0 | 9.58 | 95.8 | 80.0-122 | |
| 1,2-Dibromo-3-Chloropropane | 10.0 | 10.4 | 104 | 58.0-134 | |
| 1,2-Dichlorobenzene | 10.0 | 9.38 | 93.8 | 79.0-121 | |
| 1,4-Dichlorobenzene | 10.0 | 9.39 | 93.9 | 79.0-120 | |
| trans-1,4-Dichloro-2-butene | 10.0 | 4.11 | 41.1 | 33.0-144 | |
| 1,1-Dichloroethane | 10.0 | 10.9 | 109 | 70.0-126 | |
| 1,2-Dichloroethane | 10.0 | 9.70 | 97.0 | 70.0-128 | |
| 1,1-Dichloroethene | 10.0 | 11.0 | 110 | 71.0-124 | |

## Laboratory Control Sample (LCS)

(LCS) R4308518-1 11/29/25 11:04

| Analyte | Spike Amount ug/l | LCS Result ug/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---|---|---|---|---|---|
| cis-1,2-Dichloroethene | 10.0 | 10.3 | 103 | 73.0-120 | |
| trans-1,2-Dichloroethene | 10.0 | 11.0 | 110 | 73.0-120 | |
| 1,2-Dichloropropane | 10.0 | 11.4 | 114 | 77.0-125 | |
| cis-1,3-Dichloropropene | 10.0 | 11.3 | 113 | 80.0-123 | |
| trans-1,3-Dichloropropene | 10.0 | 9.92 | 99.2 | 78.0-124 | |
| Ethylbenzene | 10.0 | 9.03 | 90.3 | 79.0-123 | |
| 2-Hexanone | 50.0 | 46.0 | 92.0 | 67.0-149 | |
| Iodomethane | 50.0 | 68.4 | 137 | 33.0-147 | |
| 2-Butanone (MEK) | 50.0 | 42.5 | 85.0 | 44.0-160 | |
| Methylene Chloride | 10.0 | 11.2 | 112 | 67.0-120 | |
| 4-Methyl-2-pentanone (MIBK) | 50.0 | 44.2 | 88.4 | 68.0-142 | |
| Styrene | 10.0 | 9.37 | 93.7 | 73.0-130 | |
| 1,1,1,2-Tetrachloroethane | 10.0 | 9.72 | 97.2 | 75.0-125 | |
| 1,1,2,2-Tetrachloroethane | 10.0 | 11.0 | 110 | 65.0-130 | |
| Tetrachloroethene | 10.0 | 8.96 | 89.6 | 72.0-132 | |
| Toluene | 10.0 | 9.78 | 97.8 | 79.0-120 | |
| 1,1,1-Trichloroethane | 10.0 | 10.5 | 105 | 73.0-124 | |
| 1,1,2-Trichloroethane | 10.0 | 9.76 | 97.6 | 80.0-120 | |
| Trichloroethene | 10.0 | 9.81 | 98.1 | 78.0-124 | |
| Trichlorofluoromethane | 10.0 | 10.0 | 100 | 59.0-147 | |
| 1,2,3-Trichloropropane | 10.0 | 10.1 | 101 | 73.0-130 | |
| Vinyl acetate | 50.0 | 69.4 | 139 | 11.0-160 | |
| Vinyl chloride | 10.0 | 8.73 | 87.3 | 67.0-131 | |
| Xylenes, Total | 30.0 | 27.8 | 92.7 | 79.0-123 | |
| *(S) Toluene-d8* | | | *96.3* | *80.0-120* | |
| *(S) 4-Bromofluorobenzene* | | | *99.3* | *77.0-126* | |
| *(S) 1,2-Dichloroethane-d4* | | | *90.8* | *70.0-130* | |

## Method Blank (MB)

(MB) R4308872-4 12/02/25 10:42

| Analyte | MB Result | MB Qualifier | MB MDL | MB RDL |
|---|---|---|---|---|
| | ug/l | | ug/l | ug/l |
| Tetrachloroethene | U | | 0.358 | 1.00 |
| *(S) Toluene-d8* | *102* | | | *80.0-120* |
| *(S) 4-Bromofluorobenzene* | *99.1* | | | *77.0-126* |
| *(S) 1,2-Dichloroethane-d4* | *101* | | | *70.0-130* |

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

(LCS) R4308872-1 12/02/25 08:58 • (LCSD) R4308872-2 12/02/25 09:19

| Analyte | Spike Amount | LCS Result | LCSD Result | LCS Rec. | LCSD Rec. | Rec. Limits | LCS Qualifier | LCSD Qualifier | RPD | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|
| | ug/l | ug/l | ug/l | % | % | % | | | % | % |
| Tetrachloroethene | 10.0 | 8.28 | 9.20 | 82.8 | 92.0 | 72.0-132 | | | 10.5 | 20 |
| *(S) Toluene-d8* | | | | *93.2* | *101* | *80.0-120* | | | | |
| *(S) 4-Bromofluorobenzene* | | | | *97.2* | *97.6* | *77.0-126* | | | | |
| *(S) 1,2-Dichloroethane-d4* | | | | *103* | *104* | *70.0-130* | | | | |

# 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. |
| U (Radiochemistry) | Result + Error < MDA. |
| J (Radiochemistry) | Result < MDA; Result + Error > MDA. |
| 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 |
|---|---|
| B | The same analyte is found in the associated blank. |
| C3 | The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable. |
| 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. |
| J3 | The associated batch QC was outside the established quality control range for precision. |
| J4 | The associated batch QC was outside the established quality control range for accuracy. |
| J6 | The sample matrix interfered with the ability to make any accurate determination; spike value is low. |
| P1 | RPD value not applicable for sample concentrations less than 5 times the reporting limit. |

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

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] 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.

**Legacy Land**

3537 N. Steele Blvd, Suite 310
Fayetteville, AR 72703

Angela Sparks
P.O. Box 16777
Jonesboro, AR 72403

Chk

Report to:
Melissa Vaught 210-219-2335

Email To:
mvaught@olsson.com;mclayton@olsson.com;a

Project Description:
Craighead County - Legacy Landfill

City/State Collected: Jonesboro AR

Please Circle: PT MT (CT) ET

Regulatory Program(DOD,RCRA,DW,etc):

Client Project #
A25-01259

Lab Project #
LEGLDFJAR-CRAIGHEAD

Collected by (print):
Michael Clayton

Site/Facility ID #

P.O. #

Collected by (signature):
Immediately
Packed on Ice N ___ Y ___

**Rush?** (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day ___ STD TAT

Quote #

Date Results Needed

| Sample ID | Comp/Grab | Matrix * | Depth | Date | Time | No. of Cntrs | Chloride, Sulfate 125mlHDPE-NoPres | M6010AP1 + Fe, Mn 250mlHDPE-HNO3 | TDS 1L-HDPE NoPres | TOC 250mlHDPE-HCl | V8260AP1 40mlAmb-HCl | | | | Remarks | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-9R2 | Grab | GW | | 11/19/25 | 1000 | 6 | X | X | X | X | X | | | | | -01 |
| MW-14R | | GW | | 11/18/25 | 1245 | 6 | X | X | X | X | X | | | | | -02 |
| MW-16R | | GW | | 11/18/25 | 1440 | 6 | X | X | X | X | X | | | | | -03 |
| MW-17R | | GW | | 11/18/25 | 1420 | 6 | X | X | X | X | X | | | | | -04 |
| MW-19 | | GW | | 11/18/25 | 1530 | 6 | X | X | X | X | X | | | | | -05 |
| MW-20R | | GW | | 11/19/25 | 1550 | 6 | X | X | X | X | X | | | | | -06 |
| MW-21 | | GW | | 11/21/25 | 1100 | 6 | X | X | X | X | X | | | | | -07 |
| MW-22 | | GW | | 11/18/25 | 955 | 6 | X | X | X | X | X | | | | | -08 |
| MW-23 | | GW | | 11/19/25 | 1220 | 6 | X | X | X | X | X | | | | | -09 |
| MW-24 | | GW | | 11/19/25 | 1330 | 6 | X | X | X | X | X | | | | | -10 |

Pace
PEOPLE ADVANCING SCIENCE

**MT JULIET, TN**
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1521578

T **A068**

Acctnum: **LEGLDFJAR**
Template: **T106244**
Prelogin: **P1187617**
PM: **134 - Mark W. Beasley**
PB:
Shipped Via: **FedEX Ground**

* Matrix:
**SS** - Soil **AIR** - Air **F** - Filter
**GW** - Groundwater **B** - Bioassay
**WW** - WasteWater
**DW** - Drinking Water
**OT** - Other_____

**Remarks:**

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP X Y __N
COC Signed/Accurate: X Y __N
Bottles arrive intact: X Y __N
Correct bottles used: X Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: X Y __N
RAD Screen <0.5 mR/hr: X Y __N

| Relinquished by : (Signature) | Date: | Time: | Received by: (Signature) | Trip Blank Received: (Yes) / No (HCL) / MeoH TBR |
|---|---|---|---|---|
| Michael Clayton | 11/21/25 | 1700 | | 1 |
| Relinquished by : (Signature) | Date: | Time: | Received by: (Signature) | Temp: °C Bottles Received: 108 |
| Relinquished by : (Signature) | Date: | Time: | Received for lab by: (Signature) Dewyanky | Date: 11.22.25 Time: 0900 |

If p... Date/Time

PH – 10BDH07251
TRC – 5090A93

Hold:

Condition: NCF / (OK)

**Legacy Land**

3537 N. Steele Blvd, Suite 310
Fayetteville, AR 72703

Angela Sparks
P.O. Box 16777
Jonesboro, AR 72403

Chk

Report to:
**Melissa Vaught 210-219-2335**

mail To:
**mvaught@olsson.com;mclayton@olsson.com;a**

Project Description:
**Craighead County - Legacy Landfill**

City/State Collected: Jonesboro Ar

Please Circle: PT MT (CT) ET

Regulatory Program(DOD,RCRA,DW,etc):

Client Project #
**A25-01259**

Lab Project #
**LEGLDFJAR-CRAIGHEAD**

Collected by (print):
Michael Clayton

Site/Facility ID #

P.O. #

Collected by (signature):
Immediately
Packed on Ice N ___ Y ✓

***Rush?*** (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day ___ STD TAT

Quote #

Date Results Needed

| Sample ID | Comp/Grab | Matrix * | Depth | Date | Time | No. of Cntrs | Chloride, Sulfate 125mlHDPE-NoPres | M6010AP1 + Fe, Mn 250mlHDPE-HNO3 | TDS 1L-HDPE NoPres | TOC 250mlHDPE-HCl | V8260AP1 40mlAmb-HCl | | | | Remarks | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-25 | Grab | GW | | 11/19/25 | 1445 | 6 | X | X | X | X | X | | | | | -11 |
| MW-26 | | GW | | 11/21/25 | 1310 | 6 | X | X | X | X | X | | | | | -12 |
| MW-27R | | GW | | 11/21/25 | 1155 | 6 | X | X | X | X | X | | | | | -13 |
| LEACHATE BLDG A | | GW | | 11/21/25 | 1400 | 6 | X | X | X | X | X | | | | | -14 |
| LEACHATE BLDG B | | GW | | 11/21/25 | 1430 | 6 | X | X | X | X | X | | | | | -15 |
| LEACHATE BLDG C | | GW | | 11/21/25 | 1500 | 6 | X | X | X | X | X | | | | | -16 |
| MW-20R DUP | | GW | | 11/19/25 | 1555 | 6 | X | X | X | X | X | | | | | -17 |
| EB-1 | | GW | | 11/21/25 | 1340 | 6 | X | X | X | X | X | | | | | -18 |
| | | GW | | | | 6 | X | X | X | X | X | | | | | |
| | | GW | | | | 6 | X | X | X | X | X | | | | | |

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PEOPLE ADVANCING SCIENCE

**MT JULIET, TN**
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1925?8

Table #

Acctnum: **LEGLDFJAR**
Template: **T106244**
Prelogin: **P1187617**
PM: **134 - Mark W. Beasley**
PB:
Shipped Via: **FedEX Ground**

* Matrix:
**SS** - Soil **AIR** - Air **F** - Filter
**GW** - Groundwater **B** - Bioassay
**WW** - WasteWater
**DW** - Drinking Water
**OT** - Other_____

**Remarks:**

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N
RAD Screen <0.5 mR/hr: Y N

| Relinquished by : (Signature) | Date: | Time: | Received by: (Signature) |
|---|---|---|---|
| | 11/21/25 | 1700 | |
| Relinquished by : (Signature) | Date: | Time: | Received by: (Signature) |
| Relinquished by : (Signature) | Date: | Time: | Received for lab by: (Signature) Denyanh |

Trip Blank Received: (Yes) / No
1 HCL / MeoH TBR

Temp: °C Bottles Received: 10

Date: 11.22.25 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

## Multiple Parcel Form

L# L1921578

| Parcel Tracking Number | Infrared Thermometer ID | Temperature Reading (°C) | Correction Factor (°C) | Corrected Temperature (°C) | Custody Seal Intact |
|---|---|---|---|---|---|
| 471827725240 | TLA1 | 1.2 | 0 | 1.2 | (Yes) / No / Not Present |
| 471827725230 | TLA1 | 1.5 | 0 | 1.5 | (Yes) / No / Not Present |
| 471827729419 | TLA1 | 0.5 | 0 | 0.5 | (Yes) / No / Not Present |
| | | | | | Yes / No / Not Present |
| | | | | | Yes / No / Not Present |
| | | | | | Yes / No / Not Present |
| | | | | | Yes / No / Not Present |
| | | | | | Yes / No / Not Present |
| | | | | | Yes / No / Not Present |
| | | | | | Yes / No / Not Present |
| | | | | | Yes / No / Not Present |
| | | | | | Yes / No / Not Present |
| | | | | | Yes / No / Not Present |
| | | | | | Yes / No / Not Present |
| | | | | | Yes / No / Not Present |
| | | | | | Yes / No / Not Present |
| | | | | | Yes / No / Not Present |
| | | | | | Yes / No / Not Present |
| | | | | | Yes / No / Not Present |
| | | | | | Yes / No / Not Present |

Dougherty
Name

11.22.25
Date

# ANALYTICAL REPORT

January 05, 2026



## Legacy Landfill

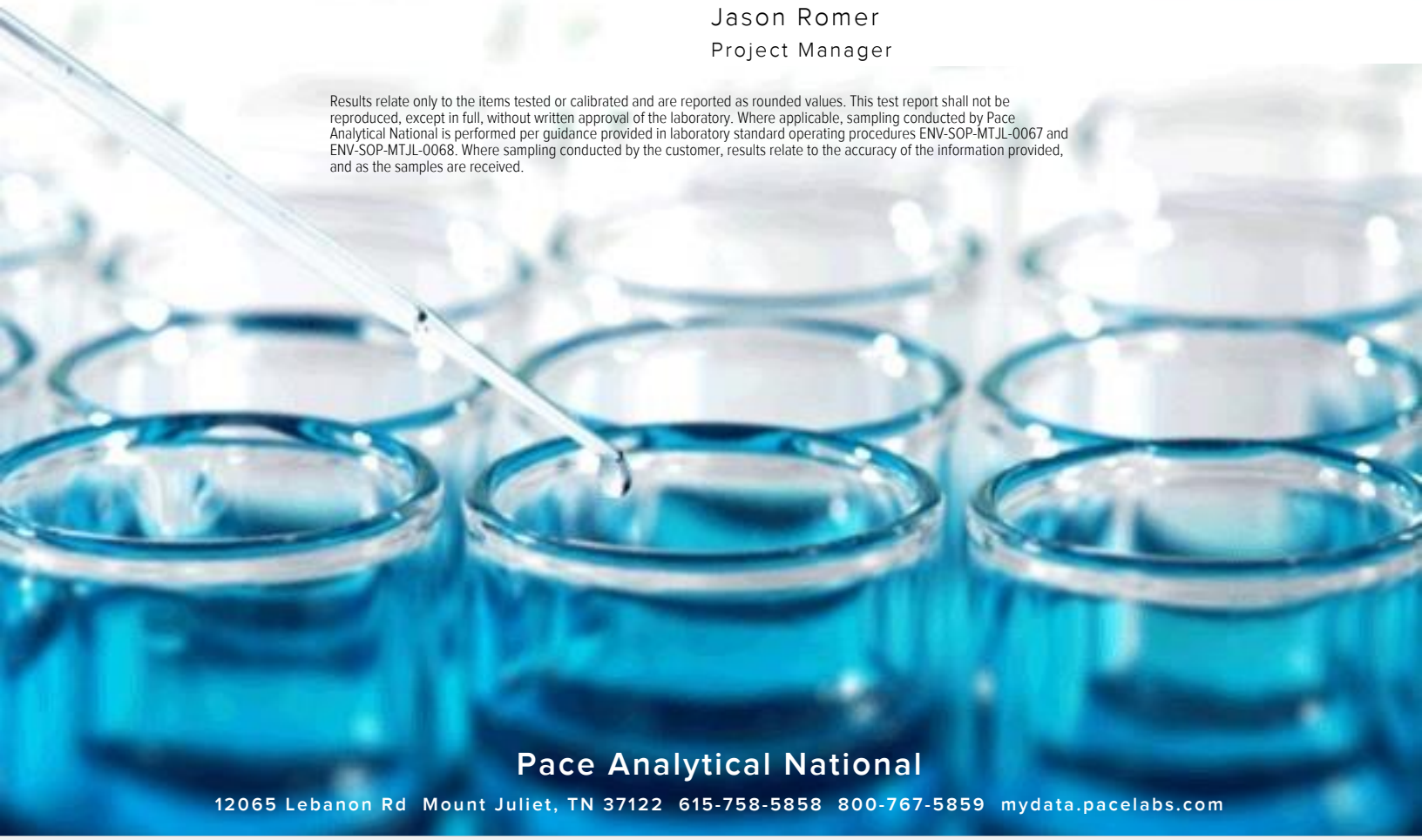
| | |
|---|---|
| Sample Delivery Group: | L1929254 |
| Samples Received: | 11/22/2025 |
| Project Number: | A25-01259 |
| Description: | Craighead County - Legacy Landfill |

Report To: Melissa Vaught
3537 N. Steele Blvd, Suite 310
Fayetteville, AR 72703

Entire Report Reviewed By:

Jason Romer
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.



# TABLE OF CONTENTS


Cp: Cover Page 1

Tc: Table of Contents 2

Ss: Sample Summary 3

Cn: Case Narrative 4

Sr: Sample Results 5

MW-9R2 L1929254-01 5

MW-17R L1929254-02 6

MW-22 L1929254-03 7

Qc: Quality Control Summary 8

Metals (ICPMS) by Method 6020B 8

Gl: Glossary of Terms 9

Al: Accreditations & Locations 10

Sc: Sample Chain of Custody 11

# SAMPLE SUMMARY

## MW-9R2 L1929254-01

Collected by: Michael Clayton
Collected date/time: 11/19/25 10:00
Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Metals (ICPMS) by Method 6020B | WG2661902 | 5 | 12/22/25 17:29 | 01/05/26 13:22 | JDB | Mt. Juliet, TN |

## MW-17R L1929254-02

Collected by: Michael Clayton
Collected date/time: 11/18/25 14:20
Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Metals (ICPMS) by Method 6020B | WG2661902 | 1 | 12/22/25 17:29 | 01/04/26 15:58 | LD | Mt. Juliet, TN |

## MW-22 L1929254-03

Collected by: Michael Clayton
Collected date/time: 11/18/25 09:55
Received date/time: 11/22/25 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Metals (ICPMS) by Method 6020B | WG2661902 | 1 | 12/22/25 17:29 | 01/05/26 13:25 | JDB | Mt. Juliet, TN |

# CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. 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.



Jason Romer
Project Manager

## Metals (ICPMS) by Method 6020B

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| Manganese | 849 | | 3.50 | 25.0 | 5 | 01/05/2026 13:22 | WG2661902 |

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

## Metals (ICPMS) by Method 6020B

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| Barium | 149 | | 0.500 | 2.00 | 1 | 01/04/2026 15:58 | WG2661902 |
| Copper | U | | 0.700 | 5.00 | 1 | 01/04/2026 15:58 | WG2661902 |

## Metals (ICPMS) by Method 6020B

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| Arsenic | 4.30 | | 0.120 | 2.00 | 1 | 01/05/2026 13:25 | WG2661902 |
| Manganese | 293 | | 0.700 | 5.00 | 1 | 01/05/2026 13:25 | WG2661902 |

## Method Blank (MB)

(MB) R4321512-1 01/04/26 15:22

| Analyte | MB Result ug/l | MB Qualifier | MB MDL ug/l | MB RDL ug/l |
|---|---|---|---|---|
| Arsenic | U | | 0.120 | 2.00 |
| Barium | U | | 0.500 | 2.00 |
| Copper | U | | 0.700 | 5.00 |
| Manganese | U | | 0.700 | 5.00 |

## Laboratory Control Sample (LCS)

(LCS) R4321512-2 01/04/26 15:26

| Analyte | Spike Amount ug/l | LCS Result ug/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---|---|---|---|---|---|
| Arsenic | 50.0 | 44.8 | 89.5 | 80.0-120 | |
| Barium | 50.0 | 44.3 | 88.6 | 80.0-120 | |
| Copper | 50.0 | 49.0 | 98.0 | 80.0-120 | |
| Manganese | 50.0 | 46.3 | 92.7 | 80.0-120 | |

## L1929390-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1929390-03 01/04/26 15:35 • (MS) R4321512-4 01/04/26 15:42 • (MSD) R4321512-5 01/04/26 15:45

| 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 % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 50.0 | U | 48.4 | 48.3 | 96.7 | 96.6 | 1 | 75.0-125 | | | 0.103 | 20 |
| Barium | 50.0 | U | 47.5 | 46.5 | 94.9 | 93.0 | 1 | 75.0-125 | | | 2.02 | 20 |
| Copper | 50.0 | U | 53.1 | 49.7 | 106 | 99.3 | 1 | 75.0-125 | | | 6.74 | 20 |
| Manganese | 50.0 | U | 50.4 | 50.5 | 101 | 101 | 1 | 75.0-125 | | | 0.170 | 20 |

# 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. |
| RDL | Reported Detection Limit. |
| Rec. | Recovery. |
| RPD | Relative Percent Difference. |
| SDG | Sample Delivery Group. |
| 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. |
| U (Radiochemistry) | Result + Error < MDA. |
| J (Radiochemistry) | Result < MDA; Result + Error > MDA. |
| 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

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

# 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 [1] | TN00003 |
| Colorado | TN00003 | New York | 11742 |
| Connecticut | PH-0197 | North Carolina | Env375 |
| Florida | E87487 | North Carolina [1] | DW21704 |
| Georgia | NELAP | North Carolina [3] | 41 |
| Georgia [1] | 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 | LAO000356 |
| Kentucky [1 6] | KY90010 | South Carolina | 84004002 |
| Kentucky [2] | 16 | South Dakota | n/a |
| Louisiana | AI30792 | Tennessee [1 4] | 2006 |
| Louisiana | LA018 | Texas | T104704245-20-18 |
| Maine | TN00003 | Texas [5] | 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 [5] | 1461.02 | DOD | 1461.01 |
| Canada | 1461.01 | USDA | P330-15-00234 |
| EPA–Crypto | TN00003 | | |

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] 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.

Page 1 of 3

**Legacy Land**

3537 N. Steele Blvd, Suite 310
Fayetteville, AR 72703

Angela Sparks
P.O. Box 16777
Jonesboro, AR 72403

Chk

Report to:
**Melissa Vaught 210-219-2335**

Email To:
**mvaught@olsson.com;mclayton@olsson.com;a**

Project Description:
**Craighead County - Legacy Landfill**

City/State Collected: Jonesboro AR

Please Circle: PT MT CT ET

Regulatory Program(DOD,RCRA,DW,etc):

Client Project #
**A25-01259**

Lab Project #
**LEGLDFJAR-CRAIGHEAD**

Collected by (print):
Michael Clayton

Site/Facility ID #

P.O. #

Collected by (signature):
Immediately
Packed on Ice N ___ Y ___

***Rush?*** (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day ___ STD TAT

Quote #

Date Results Needed

| Sample ID | Comp/Grab | Matrix * | Depth | Date | Time | No. of Cntrs | Chloride, Sulfate 125mlHDPE-NoPres | M6010AP1+Fe, Mn 250mlHDPE-HNO3 | TDS 1L HDPE NoPres | TOC 250mlHDPE-HCl | V8260AP1 40mlAmb-HCl | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-9R2 | Grab | GW | | 11/19/25 | 1000 | 6 | X | X | X | X | X | | | | | -01 |
| MW-14R | | GW | | 11/18/25 | 1245 | 6 | X | X | X | X | X | | | | | -02 |
| MW-16R | | GW | | 11/18/25 | 1440 | 6 | X | X | X | X | X | | | | | -03 |
| MW-17R | | GW | | 11/18/25 | 1420 | 6 | X | X | X | X | X | | | | | -04 |
| MW-19 | | GW | | 11/18/25 | 1530 | 6 | X | X | X | X | X | | | | | -05 |
| MW-20R | | GW | | 11/19/25 | 1550 | 6 | X | X | X | X | X | | | | | -06 |
| MW-21 | | GW | | 11/21/25 | 1106 | 6 | X | X | X | X | X | | | | | -07 |
| MW-22 | | GW | | 11/18/25 | 955 | 6 | X | X | X | X | X | | | | | -08 |
| MW-23 | | GW | | 11/19/25 | 1220 | 6 | X | X | X | X | X | | | | | -09 |
| MW-24 | | GW | | 11/19/25 | 1330 | 6 | X | X | X | X | X | | | | | -10 |

* Matrix:
**SS** - Soil **AIR** - Air **F** - Filter
**GW** - Groundwater **B** - Bioassay
**WW** - WasteWater
**DW** - Drinking Water
**OT** - Other_____

**Remarks:**

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Relinquished by : (Signature) — Date: 11/21/25 — Time: 1700

Relinquished by : (Signature) — Date: — Time:

Relinquished by : (Signature) — Date: — Time:

Received by: (Signature)

Received by: (Signature)

Received for lab by: (Signature) Deepanthy — Date: 11.22.25 — Time: 0900

Trip Blank Received: Yes / No
HCl / MeoH
TBR
2

Temp: °C Bottles Received: 108

Hold:

Condition: NCF / OK

Pace
PEOPLE ADVANCING SCIENCE

**MT JULIET, TN**

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1921578

A068 L1929254

Acctnum: **LEGLDFJAR**
Template: **T106244**
Prelogin: **P1187617**
PM: **134 - Mark W. Beasley**
PB:
Shipped Via: **FedEX Ground**

Remarks | Sample # (lab only)

N 12/8/25

PH – 10BDH07251
TRC – 5090A93

Sample Receipt Checklist
COC Seal Present/Intact: NP / Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N
RAD Screen <0.5 mR/hr: Y N

## L1921578 *FTNLRAR* relog

R2/R3/R4/RX/EX

Relog the following as EX due 12/26:

L1921578-01 MNG

L1921578-04 BAG & CUG

L1921578-08 ASG & MNG

- ○ *

**From:** Melissa Vaught <mvaught@olsson.com>

**Sent:** Thursday, December 18, 2025 3:01 PM

**To:** Mark Beasley <Mark.Beasley@pacelabs.com>

**Cc:** Andrew Pruitt <apruitt@olsson.com>

**Subject:** RE: Pace Analytical National Level II Report for A25-01259 Craighead County - Legacy Landfill L1921578

CAUTION: This email originated from outside Pace Analytical. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Mark – Good afternoon. Could you have the following double-checked and if confirmed, have the samples reanalyzed, if within hold?

MW-22: arsenic and manganese

MW-17R: barium and copper

MW-9R2: manganese

Questions, please let me know.

Thank you,

**Melissa Vaught, P.E.**

Senior Engineer / Environmental

**C** 210.219.2335

3537 N. Steele Blvd, Suite 310

Fayetteville, AR 72703

**O** 479.443.3404

--- Email body truncated due to large size. Full email body added as attachment. ---

**Time estimate:** oh **Time spent:** oh

**Members**

MB Mark Beasley (responsible)

# ANALYTICAL REPORT

February 04, 2026



## Legacy Landfill

| | |
|---|---|
| Sample Delivery Group: | L1939491 |
| Samples Received: | 01/30/2026 |
| Project Number: | A24-01259 |
| Description: | Craighead County - Legacy Landfill |

Report To: Melissa Vaught
3537 N. Steele Blvd, Suite 310
Fayetteville, AR 72703

Entire Report Reviewed By:

Andi R Jones
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.



# TABLE OF CONTENTS


Cp: Cover Page 1

Tc: Table of Contents 2

Ss: Sample Summary 3

Cn: Case Narrative 4

Sr: Sample Results 5

MW-9R2 L1939491-01 5

MW-9R2 DUP L1939491-02 6

EB-2 L1939491-03 7

Qc: Quality Control Summary 8

Metals (ICPMS) by Method 6020B 8

Gl: Glossary of Terms 9

Al: Accreditations & Locations 10

Sc: Sample Chain of Custody 11

# SAMPLE SUMMARY

## MW-9R2 L1939491-01

Collected by: Michael Clayton
Collected date/time: 01/28/26 12:35
Received date/time: 01/30/26 08:30

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Metals (ICPMS) by Method 6020B | WG2684746 | 1 | 02/03/26 08:31 | 02/03/26 17:29 | TMT | Mt. Juliet, TN |

## MW-9R2 DUP L1939491-02

Collected by: Michael Clayton
Collected date/time: 01/28/26 12:40
Received date/time: 01/30/26 08:30

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Metals (ICPMS) by Method 6020B | WG2684746 | 1 | 02/03/26 08:31 | 02/03/26 17:32 | TMT | Mt. Juliet, TN |

## EB-2 L1939491-03

Collected by: Michael Clayton
Collected date/time: 01/28/26 12:50
Received date/time: 01/30/26 08:30

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|---|---|---|---|---|---|---|
| Metals (ICPMS) by Method 6020B | WG2684746 | 1 | 02/03/26 08:31 | 02/03/26 17:35 | TMT | Mt. Juliet, TN |

# CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. 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.



Andi R Jones
Project Manager

## Metals (ICPMS) by Method 6020B

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| Manganese | 389 | | 0.700 | 5.00 | 1 | 02/03/2026 17:29 | WG2684746 |

## Metals (ICPMS) by Method 6020B

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| Manganese | 393 | | 0.700 | 5.00 | 1 | 02/03/2026 17:32 | WG2684746 |

## Metals (ICPMS) by Method 6020B

| Analyte | Result | Qualifier | MDL | RDL | Dilution | Analysis | Batch |
|---|---|---|---|---|---|---|---|
| | ug/l | | ug/l | ug/l | | date / time | |
| Manganese | U | | 0.700 | 5.00 | 1 | 02/03/2026 17:35 | WG2684746 |

## Method Blank (MB)

(MB) R4331457-1 02/03/26 16:29

| Analyte | MB Result | MB Qualifier | MB MDL | MB RDL |
|---|---|---|---|---|
| | ug/l | | ug/l | ug/l |
| Manganese | U | | 0.700 | 5.00 |

## Laboratory Control Sample (LCS)

(LCS) R4331457-2 02/03/26 16:32

| Analyte | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|---|---|---|---|---|---|
| | ug/l | ug/l | % | % | |
| Manganese | 50.0 | 50.0 | 100 | 80.0-120 | |

## L1939520-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1939520-05 02/03/26 22:53 • (MS) R4331519-2 02/03/26 23:01 • (MSD) R4331519-3 02/03/26 23:04

| Analyte | Spike Amount | Original Result | MS Result | MSD Result | MS Rec. | MSD Rec. | Dilution | Rec. Limits | MS Qualifier | MSD Qualifier | RPD | RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ug/l | ug/l | ug/l | ug/l | % | % | | % | | | % | % |
| Manganese | 50.0 | 278 | 318 | 318 | 79.8 | 79.5 | 1 | 75.0-125 | | | 0.0501 | 20 |

# 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. |
| RDL | Reported Detection Limit. |
| Rec. | Recovery. |
| RPD | Relative Percent Difference. |
| SDG | Sample Delivery Group. |
| 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. |
| U (Radiochemistry) | Result + Error < MDA. |
| J (Radiochemistry) | Result < MDA; Result + Error > MDA. |
| 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

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

# 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 [1] | TN00003 |
| Colorado | TN00003 | New York | 11742 |
| Connecticut | PH-0197 | North Carolina | Env375 |
| Florida | E87487 | North Carolina [1] | DW21704 |
| Georgia | NELAP | North Carolina [3] | 41 |
| Georgia [1] | 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 | LAO000356 |
| Kentucky [1 6] | KY90010 | South Carolina | 84004002 |
| Kentucky [2] | 16 | South Dakota | n/a |
| Louisiana | AI30792 | Tennessee [1 4] | 2006 |
| Louisiana | LA018 | Texas | T104704245-20-18 |
| Maine | TN00003 | Texas [5] | 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 |
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| Canada | 1461.01 | USDA | P330-15-00234 |
| EPA–Crypto | TN00003 | | |

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] 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.

Company Name/Address:
**Legacy Landfill**

**3537 N. Steele Blvd, Suite 310**
**Fayetteville, AR 72703**

Billing Information:
**Angela Sparks**
**P.O. Box 16777**
**Jonesboro, AR 72403**

Pres Chk

Report to:
**Melissa Vaught 501-920-9642**

Email To:
**mvaught@olsson.com;mclayton@olsson.com;a**

Project Description:
**Craighead County - Legacy Landfill**

City/State Collected: Jonesboro AR

Please Circle: PT MT CT ET

Regulatory Program(DOD,RCRA,DW,etc):

Client Project #
**A24-01259**

Lab Project #
**LEGLDFJAR-CRAIGHEAD**

Collected by (print):
Michael Clayton

Site/Facility ID #

P.O. #

Collected by (signature):

Quote #

Immediately Packed on Ice N ____ Y ✓

***Rush?*** (Lab MUST Be Notified)
____ Same Day ____ Five Day
____ Next Day ____ 5 Day (Rad Only)
____ Two Day ____ 10 Day (Rad Only)
____ Three Day ____ STD TAT

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

Total Mn 6020 250mlHDPE+HNO3

| Sample ID | Comp/Grab | Matrix * | Depth | Date | Time | No. of Cntrs | Total Mn 6020 250mlHDPE+HNO3 | Remarks | Sample # (lab only) |
|---|---|---|---|---|---|---|---|---|---|
| MW-9R2 | Grab | GW | | 1/28/26 | 1235 | 1 | X | | |
| MW-9R2 DUP | ↓ | GW | | 1/28/26 | 1240 | 1 | X | | |
| EB-2 | | GW | | 1/28/26 | 1250 | 1 | X | | |
| | | GW | | | | 1 | X | | |

Chain of Custody Page 1 of 1

Pace
PEOPLE ADVANCING SCIENCE

**MT JULIET, TN**
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1939491

**F222**

Acctnum: **LEGLDFJAR**
Template: **T257230**
Prelogin: **P1202339**
PM: **134 - Mark W. Beasley**
PB:
Shipped Via: **FedEX Ground**

* Matrix:
**SS** - Soil **AIR** - Air **F** - Filter
**GW** - Groundwater **B** - Bioassay
**WW** - WasteWater
**DW** - Drinking Water
**OT** - Other_____

**Remarks:**

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 7921 4164 2841

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y ✓N
Preservation Correct/Checked: ✓Y __N
RAD Screen <0.5 mR/hr: __Y __N

| Relinquished by : (Signature) | Date: | Time: | Received by: (Signature) |
|---|---|---|---|
| | 1/28/26 | 1340 | |
| Relinquished by : (Signature) | Date: | Time: | Received by: (Signature) |
| | | | |
| Relinquished by : (Signature) | Date: | Time: | Received for lab by: (Signature) |
| | | | |

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: °C Bottles Received:
CF 0.3 +0.3 = 3.2 3

Date: 1/30/26 Time: 8:30

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK