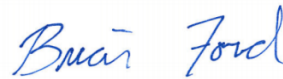


**Oregon Dept. of Env. Quality - ODEQ**

Sample Delivery Group: L1707652  
Samples Received: 02/02/2024  
Project Number: 2060.012.008  
Description: Roth Building

Report To: Ellen Woods  
700 NE Multnomah St. #600  
Portland, OR 97124

Entire Report Reviewed By:



Brian Ford  
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 [www.pacenational.com](http://www.pacenational.com)

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

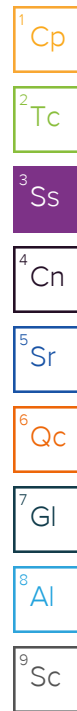
# SAMPLE SUMMARY

## RINSE L1707652-01 GW

|                                                               |           |          |                          | Collected by<br>BW / RK | Collected date/time<br>01/30/24 16:25 | Received date/time<br>02/02/24 09:00 |
|---------------------------------------------------------------|-----------|----------|--------------------------|-------------------------|---------------------------------------|--------------------------------------|
| Method                                                        | Batch     | Dilution | Preparation<br>date/time | Analysis<br>date/time   | Analyst                               | Location                             |
| Volatile Organic Compounds (GC) by Method NWTPHGX             | WG2231513 | 1        | 02/22/24 14:09           | 02/22/24 14:09          | CDD                                   | Mt. Juliet, TN                       |
| Volatile Organic Compounds (GC/MS) by Method 8260D            | WG2232271 | 1        | 02/23/24 06:46           | 02/23/24 06:46          | JCP                                   | Mt. Juliet, TN                       |
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT | WG2233896 | 1        | 02/27/24 07:44           | 02/27/24 21:44          | MAA                                   | Mt. Juliet, TN                       |
| Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM   | WG2231329 | 1        | 02/24/24 06:30           | 02/26/24 11:46          | MKM                                   | Mt. Juliet, TN                       |

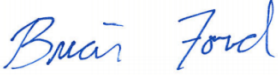
## TRIP L1707652-02 GW

|                                                    |           |          |                          | Collected by<br>BW / RK | Collected date/time<br>01/30/24 00:00 | Received date/time<br>02/02/24 09:00 |
|----------------------------------------------------|-----------|----------|--------------------------|-------------------------|---------------------------------------|--------------------------------------|
| Method                                             | Batch     | Dilution | Preparation<br>date/time | Analysis<br>date/time   | Analyst                               | Location                             |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2233119 | 1        | 02/24/24 12:31           | 02/24/24 12:31          | JHH                                   | Mt. Juliet, TN                       |

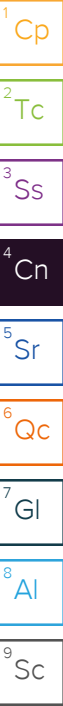


# CASE NARRATIVE

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.



Brian Ford  
Project Manager



Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                            | Result<br>ug/l | Qualifier              | MDL<br>ug/l | RDL<br>ug/l | Dilution | Analysis<br>date / time | Batch                     |
|------------------------------------|----------------|------------------------|-------------|-------------|----------|-------------------------|---------------------------|
| Gasoline Range Organics-NWTPH      | 60.8           | <a href="#">B J T8</a> | 31.6        | 100         | 1        | 02/22/2024 14:09        | <a href="#">WG2231513</a> |
| (S)<br>a,a,a-Trifluorotoluene(FID) | 101            |                        |             | 78.0-120    |          | 02/22/2024 14:09        | <a href="#">WG2231513</a> |

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

| Analyte                     | Result<br>ug/l | Qualifier                | MDL<br>ug/l | RDL<br>ug/l | Dilution | Analysis<br>date / time | Batch                     |
|-----------------------------|----------------|--------------------------|-------------|-------------|----------|-------------------------|---------------------------|
| Acetone                     | U              | <a href="#">J3 J4 T8</a> | 11.3        | 50.0        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| Acrolein                    | U              | <a href="#">C3 T8</a>    | 2.54        | 50.0        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| Acrylonitrile               | U              | <a href="#">T8</a>       | 0.671       | 10.0        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| Benzene                     | U              | <a href="#">T8</a>       | 0.0941      | 1.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| Bromobenzene                | U              | <a href="#">T8</a>       | 0.118       | 1.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| Bromodichloromethane        | U              | <a href="#">T8</a>       | 0.136       | 1.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| Bromoform                   | U              | <a href="#">T8</a>       | 0.129       | 1.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| Bromomethane                | U              | <a href="#">T8</a>       | 0.605       | 5.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| n-Butylbenzene              | U              | <a href="#">T8</a>       | 0.157       | 1.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| sec-Butylbenzene            | U              | <a href="#">T8</a>       | 0.125       | 1.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| tert-Butylbenzene           | U              | <a href="#">T8</a>       | 0.127       | 1.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| Carbon disulfide            | U              | <a href="#">T8</a>       | 0.0962      | 1.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| Carbon tetrachloride        | U              | <a href="#">T8</a>       | 0.128       | 1.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| Chlorobenzene               | U              | <a href="#">T8</a>       | 0.116       | 1.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| Chlorodibromomethane        | U              | <a href="#">T8</a>       | 0.140       | 1.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| Chloroethane                | U              | <a href="#">T8</a>       | 0.192       | 5.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| Chloroform                  | U              | <a href="#">T8</a>       | 0.111       | 5.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| Chloromethane               | U              | <a href="#">T8</a>       | 0.960       | 2.50        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| 2-Chlorotoluene             | U              | <a href="#">T8</a>       | 0.106       | 1.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| 4-Chlorotoluene             | U              | <a href="#">T8</a>       | 0.114       | 1.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| 1,2-Dibromo-3-Chloropropane | U              | <a href="#">C3 T8</a>    | 0.276       | 5.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| 1,2-Dibromoethane           | U              | <a href="#">T8</a>       | 0.126       | 1.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| Dibromomethane              | U              | <a href="#">T8</a>       | 0.122       | 1.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| 1,2-Dichlorobenzene         | U              | <a href="#">T8</a>       | 0.107       | 1.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| 1,3-Dichlorobenzene         | U              | <a href="#">T8</a>       | 0.110       | 1.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| 1,4-Dichlorobenzene         | U              | <a href="#">T8</a>       | 0.120       | 1.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| Dichlorodifluoromethane     | U              | <a href="#">T8</a>       | 0.374       | 5.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| 1,1-Dichloroethane          | U              | <a href="#">T8</a>       | 0.100       | 1.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| 1,2-Dichloroethane          | U              | <a href="#">T8</a>       | 0.0819      | 1.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| 1,1-Dichloroethene          | U              | <a href="#">T8</a>       | 0.188       | 1.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| cis-1,2-Dichloroethene      | U              | <a href="#">T8</a>       | 0.126       | 1.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| trans-1,2-Dichloroethene    | U              | <a href="#">T8</a>       | 0.149       | 1.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| 1,2-Dichloropropane         | U              | <a href="#">T8</a>       | 0.149       | 1.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| 1,1-Dichloropropene         | U              | <a href="#">T8</a>       | 0.142       | 1.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| 1,3-Dichloropropane         | U              | <a href="#">T8</a>       | 0.110       | 1.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| cis-1,3-Dichloropropene     | U              | <a href="#">T8</a>       | 0.111       | 1.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| trans-1,3-Dichloropropene   | U              | <a href="#">T8</a>       | 0.118       | 1.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| 2,2-Dichloropropane         | U              | <a href="#">T8</a>       | 0.161       | 1.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| Di-isopropyl ether          | U              | <a href="#">C3 T8</a>    | 0.105       | 1.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| Ethylbenzene                | U              | <a href="#">T8</a>       | 0.137       | 1.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| Hexachloro-1,3-butadiene    | U              | <a href="#">T8</a>       | 0.337       | 1.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| Isopropylbenzene            | U              | <a href="#">T8</a>       | 0.105       | 1.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| p-Isopropyltoluene          | U              | <a href="#">T8</a>       | 0.120       | 1.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| 2-Butanone (MEK)            | U              | <a href="#">T8</a>       | 1.19        | 10.0        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| Methylene Chloride          | U              | <a href="#">T8</a>       | 0.430       | 5.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| 4-Methyl-2-pentanone (MIBK) | U              | <a href="#">C3 T8</a>    | 0.478       | 10.0        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| Methyl tert-butyl ether     | U              | <a href="#">T8</a>       | 0.101       | 1.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |
| Naphthalene                 | U              | <a href="#">C3 T8</a>    | 1.00        | 5.00        | 1        | 02/23/2024 06:46        | <a href="#">WG2232271</a> |

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

| Analyte                        | Result<br>ug/l | Qualifier | MDL<br>ug/l | RDL<br>ug/l | Dilution | Analysis<br>date / time | Batch     |
|--------------------------------|----------------|-----------|-------------|-------------|----------|-------------------------|-----------|
| n-Propylbenzene                | U              | C3 T8     | 0.0993      | 1.00        | 1        | 02/23/2024 06:46        | WG2232271 |
| Styrene                        | U              | T8        | 0.118       | 1.00        | 1        | 02/23/2024 06:46        | WG2232271 |
| 1,1,1,2-Tetrachloroethane      | U              | T8        | 0.147       | 1.00        | 1        | 02/23/2024 06:46        | WG2232271 |
| 1,1,2,2-Tetrachloroethane      | U              | C3 T8     | 0.133       | 1.00        | 1        | 02/23/2024 06:46        | WG2232271 |
| 1,1,2-Trichlorotrifluoroethane | U              | T8        | 0.180       | 1.00        | 1        | 02/23/2024 06:46        | WG2232271 |
| Tetrachloroethene              | U              | J4 T8     | 0.300       | 1.00        | 1        | 02/23/2024 06:46        | WG2232271 |
| Toluene                        | U              | T8        | 0.278       | 1.00        | 1        | 02/23/2024 06:46        | WG2232271 |
| 1,2,3-Trichlorobenzene         | U              | C3 T8     | 0.230       | 1.00        | 1        | 02/23/2024 06:46        | WG2232271 |
| 1,2,4-Trichlorobenzene         | U              | T8        | 0.481       | 1.00        | 1        | 02/23/2024 06:46        | WG2232271 |
| 1,1,1-Trichloroethane          | U              | T8        | 0.149       | 1.00        | 1        | 02/23/2024 06:46        | WG2232271 |
| 1,1,2-Trichloroethane          | U              | T8        | 0.158       | 1.00        | 1        | 02/23/2024 06:46        | WG2232271 |
| Trichloroethene                | U              | T8        | 0.190       | 1.00        | 1        | 02/23/2024 06:46        | WG2232271 |
| Trichlorofluoromethane         | U              | T8        | 0.160       | 5.00        | 1        | 02/23/2024 06:46        | WG2232271 |
| 1,2,3-Trichloropropane         | U              | T8        | 0.237       | 2.50        | 1        | 02/23/2024 06:46        | WG2232271 |
| 1,2,4-Trimethylbenzene         | U              | T8        | 0.322       | 1.00        | 1        | 02/23/2024 06:46        | WG2232271 |
| 1,2,3-Trimethylbenzene         | U              | T8        | 0.104       | 1.00        | 1        | 02/23/2024 06:46        | WG2232271 |
| 1,3,5-Trimethylbenzene         | U              | T8        | 0.104       | 1.00        | 1        | 02/23/2024 06:46        | WG2232271 |
| Vinyl chloride                 | U              | T8        | 0.234       | 1.00        | 1        | 02/23/2024 06:46        | WG2232271 |
| Xylenes, Total                 | U              | T8        | 0.174       | 3.00        | 1        | 02/23/2024 06:46        | WG2232271 |
| (S) Toluene-d8                 | 105            |           |             | 80.0-120    |          | 02/23/2024 06:46        | WG2232271 |
| (S) 4-Bromofluorobenzene       | 103            |           |             | 77.0-126    |          | 02/23/2024 06:46        | WG2232271 |
| (S) 1,2-Dichloroethane-d4      | 110            |           |             | 70.0-130    |          | 02/23/2024 06:46        | WG2232271 |

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

| Analyte                       | Result<br>ug/l | Qualifier | MDL<br>ug/l | RDL<br>ug/l | Dilution | Analysis<br>date / time | Batch     |
|-------------------------------|----------------|-----------|-------------|-------------|----------|-------------------------|-----------|
| Diesel Range Organics (DRO)   | 74.8           | J T8      | 33.3        | 100         | 1        | 02/27/2024 21:44        | WG2233896 |
| Residual Range Organics (RRO) | U              | T8        | 83.3        | 250         | 1        | 02/27/2024 21:44        | WG2233896 |
| (S) o-Terphenyl               | 70.0           |           |             | 31.0-160    |          | 02/27/2024 21:44        | WG2233896 |

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

| Analyte                | Result<br>ug/l | Qualifier | MDL<br>ug/l | RDL<br>ug/l | Dilution | Analysis<br>date / time | Batch     |
|------------------------|----------------|-----------|-------------|-------------|----------|-------------------------|-----------|
| Anthracene             | U              | T8        | 0.0190      | 0.0500      | 1        | 02/26/2024 11:46        | WG2231329 |
| Acenaphthene           | U              | T8        | 0.0190      | 0.0500      | 1        | 02/26/2024 11:46        | WG2231329 |
| Acenaphthylene         | U              | T8        | 0.0171      | 0.0500      | 1        | 02/26/2024 11:46        | WG2231329 |
| Benzo(a)anthracene     | U              | T8        | 0.0203      | 0.0500      | 1        | 02/26/2024 11:46        | WG2231329 |
| Benzo(a)pyrene         | U              | T8        | 0.0184      | 0.0500      | 1        | 02/26/2024 11:46        | WG2231329 |
| Benzo(b)fluoranthene   | U              | T8        | 0.0168      | 0.0500      | 1        | 02/26/2024 11:46        | WG2231329 |
| Benzo(g,h,i)perylene   | U              | T8        | 0.0184      | 0.0500      | 1        | 02/26/2024 11:46        | WG2231329 |
| Benzo(k)fluoranthene   | U              | T8        | 0.0202      | 0.0500      | 1        | 02/26/2024 11:46        | WG2231329 |
| Chrysene               | U              | T8        | 0.0179      | 0.0500      | 1        | 02/26/2024 11:46        | WG2231329 |
| Dibenz(a,h)anthracene  | U              | T8        | 0.0160      | 0.0500      | 1        | 02/26/2024 11:46        | WG2231329 |
| Fluoranthene           | U              | T8        | 0.0270      | 0.100       | 1        | 02/26/2024 11:46        | WG2231329 |
| Fluorene               | U              | T8        | 0.0169      | 0.0500      | 1        | 02/26/2024 11:46        | WG2231329 |
| Indeno(1,2,3-cd)pyrene | U              | T8        | 0.0158      | 0.0500      | 1        | 02/26/2024 11:46        | WG2231329 |
| Naphthalene            | U              | T8        | 0.0917      | 0.250       | 1        | 02/26/2024 11:46        | WG2231329 |
| Phenanthrene           | U              | T8        | 0.0180      | 0.0500      | 1        | 02/26/2024 11:46        | WG2231329 |
| Pyrene                 | U              | T8        | 0.0169      | 0.0500      | 1        | 02/26/2024 11:46        | WG2231329 |
| 1-Methylnaphthalene    | U              | T8        | 0.0687      | 0.250       | 1        | 02/26/2024 11:46        | WG2231329 |
| 2-Methylnaphthalene    | U              | T8        | 0.0674      | 0.250       | 1        | 02/26/2024 11:46        | WG2231329 |
| 2-Chloronaphthalene    | U              | T8        | 0.0682      | 0.250       | 1        | 02/26/2024 11:46        | WG2231329 |
| (S) Nitrobenzene-d5    | 80.5           |           |             | 31.0-160    |          | 02/26/2024 11:46        | WG2231329 |
| (S) 2-Fluorobiphenyl   | 94.2           |           |             | 48.0-148    |          | 02/26/2024 11:46        | WG2231329 |
| (S) p-Terphenyl-d14    | 93.2           |           |             | 37.0-146    |          | 02/26/2024 11:46        | WG2231329 |

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

| Analyte                        | Result<br>ug/l | Qualifier | MDL<br>ug/l | RDL<br>ug/l | Dilution | Analysis<br>date / time | Batch     |
|--------------------------------|----------------|-----------|-------------|-------------|----------|-------------------------|-----------|
| Acetone                        | U              | J4        | 11.3        | 50.0        | 1        | 02/24/2024 12:31        | WG2233119 |
| Acrolein                       | U              |           | 2.54        | 50.0        | 1        | 02/24/2024 12:31        | WG2233119 |
| Acrylonitrile                  | U              |           | 0.671       | 10.0        | 1        | 02/24/2024 12:31        | WG2233119 |
| Benzene                        | U              |           | 0.0941      | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| Bromobenzene                   | U              | C3        | 0.118       | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| Bromodichloromethane           | U              |           | 0.136       | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| Bromoform                      | U              |           | 0.129       | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| Bromomethane                   | U              |           | 0.605       | 5.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| n-Butylbenzene                 | U              |           | 0.157       | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| sec-Butylbenzene               | U              |           | 0.125       | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| tert-Butylbenzene              | U              |           | 0.127       | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| Carbon disulfide               | U              |           | 0.0962      | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| Carbon tetrachloride           | U              | J4        | 0.128       | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| Chlorobenzene                  | U              |           | 0.116       | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| Chlorodibromomethane           | U              |           | 0.140       | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| Chloroethane                   | U              |           | 0.192       | 5.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| Chloroform                     | U              |           | 0.111       | 5.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| Chloromethane                  | U              |           | 0.960       | 2.50        | 1        | 02/24/2024 12:31        | WG2233119 |
| 2-Chlorotoluene                | U              |           | 0.106       | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| 4-Chlorotoluene                | U              |           | 0.114       | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| 1,2-Dibromo-3-Chloropropane    | U              |           | 0.276       | 5.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| 1,2-Dibromoethane              | U              |           | 0.126       | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| Dibromomethane                 | U              |           | 0.122       | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| 1,2-Dichlorobenzene            | U              |           | 0.107       | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| 1,3-Dichlorobenzene            | U              |           | 0.110       | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| 1,4-Dichlorobenzene            | U              |           | 0.120       | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| Dichlorodifluoromethane        | U              |           | 0.374       | 5.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| 1,1-Dichloroethane             | U              |           | 0.100       | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| 1,2-Dichloroethane             | U              |           | 0.0819      | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| 1,1-Dichloroethene             | U              |           | 0.188       | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| cis-1,2-Dichloroethene         | U              |           | 0.126       | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| trans-1,2-Dichloroethene       | U              |           | 0.149       | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| 1,2-Dichloropropane            | U              |           | 0.149       | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| 1,1-Dichloropropene            | U              |           | 0.142       | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| 1,3-Dichloropropane            | U              |           | 0.110       | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| cis-1,3-Dichloropropene        | U              |           | 0.111       | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| trans-1,3-Dichloropropene      | U              |           | 0.118       | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| 2,2-Dichloropropane            | U              |           | 0.161       | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| Di-isopropyl ether             | U              | C3        | 0.105       | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| Ethylbenzene                   | U              |           | 0.137       | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| Hexachloro-1,3-butadiene       | U              |           | 0.337       | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| Isopropylbenzene               | U              |           | 0.105       | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| p-Isopropyltoluene             | U              |           | 0.120       | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| 2-Butanone (MEK)               | U              |           | 1.19        | 10.0        | 1        | 02/24/2024 12:31        | WG2233119 |
| Methylene Chloride             | U              |           | 0.430       | 5.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| 4-Methyl-2-pentanone (MIBK)    | U              |           | 0.478       | 10.0        | 1        | 02/24/2024 12:31        | WG2233119 |
| Methyl tert-butyl ether        | U              |           | 0.101       | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| Naphthalene                    | U              | C3        | 1.00        | 5.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| n-Propylbenzene                | U              |           | 0.0993      | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| Styrene                        | U              |           | 0.118       | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| 1,1,1,2-Tetrachloroethane      | U              |           | 0.147       | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| 1,1,2,2-Tetrachloroethane      | U              | C3        | 0.133       | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| 1,1,2-Trichlorotrifluoroethane | U              |           | 0.180       | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| Tetrachloroethene              | U              | J4        | 0.300       | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| Toluene                        | U              |           | 0.278       | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |
| 1,2,3-Trichlorobenzene         | U              |           | 0.230       | 1.00        | 1        | 02/24/2024 12:31        | WG2233119 |

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Cp

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Tc

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Qc

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Gl

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Al

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Sc

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

| Analyte                   | Result<br>ug/l | Qualifier | MDL<br>ug/l | RDL<br>ug/l | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------|----------------|-----------|-------------|-------------|----------|-------------------------|---------------------------|
| 1,2,4-Trichlorobenzene    | U              |           | 0.481       | 1.00        | 1        | 02/24/2024 12:31        | <a href="#">WG2233119</a> |
| 1,1,1-Trichloroethane     | U              |           | 0.149       | 1.00        | 1        | 02/24/2024 12:31        | <a href="#">WG2233119</a> |
| 1,1,2-Trichloroethane     | U              |           | 0.158       | 1.00        | 1        | 02/24/2024 12:31        | <a href="#">WG2233119</a> |
| Trichloroethene           | U              | J4        | 0.190       | 1.00        | 1        | 02/24/2024 12:31        | <a href="#">WG2233119</a> |
| Trichlorofluoromethane    | U              |           | 0.160       | 5.00        | 1        | 02/24/2024 12:31        | <a href="#">WG2233119</a> |
| 1,2,3-Trichloropropane    | U              |           | 0.237       | 2.50        | 1        | 02/24/2024 12:31        | <a href="#">WG2233119</a> |
| 1,2,4-Trimethylbenzene    | U              |           | 0.322       | 1.00        | 1        | 02/24/2024 12:31        | <a href="#">WG2233119</a> |
| 1,2,3-Trimethylbenzene    | U              |           | 0.104       | 1.00        | 1        | 02/24/2024 12:31        | <a href="#">WG2233119</a> |
| 1,3,5-Trimethylbenzene    | U              |           | 0.104       | 1.00        | 1        | 02/24/2024 12:31        | <a href="#">WG2233119</a> |
| Vinyl chloride            | U              |           | 0.234       | 1.00        | 1        | 02/24/2024 12:31        | <a href="#">WG2233119</a> |
| Xylenes, Total            | U              |           | 0.174       | 3.00        | 1        | 02/24/2024 12:31        | <a href="#">WG2233119</a> |
| (S) Toluene-d8            | 107            |           |             | 80.0-120    |          | 02/24/2024 12:31        | <a href="#">WG2233119</a> |
| (S) 4-Bromofluorobenzene  | 102            |           |             | 77.0-126    |          | 02/24/2024 12:31        | <a href="#">WG2233119</a> |
| (S) 1,2-Dichloroethane-d4 | 110            |           |             | 70.0-130    |          | 02/24/2024 12:31        | <a href="#">WG2233119</a> |

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4037650-4 02/22/24 12:06

| Analyte                            | MB Result<br>ug/l | MB Qualifier | MB MDL<br>ug/l | MB RDL<br>ug/l |
|------------------------------------|-------------------|--------------|----------------|----------------|
| Gasoline Range Organics-NWTPH      | 37.3              | J            | 31.6           | 100            |
| (S)<br>a,a,a-Trifluorotoluene(FID) | 102               |              |                | 78.0-120       |

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

(LCS) R4037650-1 02/22/24 09:46 • (LCSD) R4037650-2 02/22/24 10:08

| Analyte                            | Spike Amount<br>ug/l | LCS Result<br>ug/l | LCSD Result<br>ug/l | LCS Rec.<br>% | LCSD Rec.<br>% | Rec. Limits<br>% | LCS Qualifier | LCSD Qualifier | RPD<br>% | RPD Limits<br>% |
|------------------------------------|----------------------|--------------------|---------------------|---------------|----------------|------------------|---------------|----------------|----------|-----------------|
| Gasoline Range Organics-NWTPH      | 5000                 | 5500               | 5360                | 110           | 107            | 70.0-124         |               |                | 2.58     | 20              |
| (S)<br>a,a,a-Trifluorotoluene(FID) |                      |                    |                     | 104           | 107            | 78.0-120         |               |                |          |                 |

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Method Blank (MB)

(MB) R4037482-2 02/22/24 22:59

| Analyte                     | MB Result<br>ug/l | MB Qualifier | MB MDL<br>ug/l | MB RDL<br>ug/l |
|-----------------------------|-------------------|--------------|----------------|----------------|
| Acetone                     | U                 |              | 11.3           | 50.0           |
| Acrolein                    | U                 |              | 2.54           | 50.0           |
| Acrylonitrile               | U                 |              | 0.671          | 10.0           |
| Benzene                     | U                 |              | 0.0941         | 1.00           |
| Bromobenzene                | U                 |              | 0.118          | 1.00           |
| Bromodichloromethane        | U                 |              | 0.136          | 1.00           |
| Bromoform                   | U                 |              | 0.129          | 1.00           |
| Bromomethane                | U                 |              | 0.605          | 5.00           |
| n-Butylbenzene              | U                 |              | 0.157          | 1.00           |
| sec-Butylbenzene            | U                 |              | 0.125          | 1.00           |
| tert-Butylbenzene           | U                 |              | 0.127          | 1.00           |
| Carbon disulfide            | U                 |              | 0.0962         | 1.00           |
| Carbon tetrachloride        | U                 |              | 0.128          | 1.00           |
| Chlorobenzene               | U                 |              | 0.116          | 1.00           |
| Chlorodibromomethane        | U                 |              | 0.140          | 1.00           |
| Chloroethane                | U                 |              | 0.192          | 5.00           |
| Chloroform                  | U                 |              | 0.111          | 5.00           |
| Chloromethane               | U                 |              | 0.960          | 2.50           |
| 2-Chlorotoluene             | U                 |              | 0.106          | 1.00           |
| 4-Chlorotoluene             | U                 |              | 0.114          | 1.00           |
| 1,2-Dibromo-3-Chloropropane | U                 |              | 0.276          | 5.00           |
| 1,2-Dibromoethane           | U                 |              | 0.126          | 1.00           |
| Dibromomethane              | U                 |              | 0.122          | 1.00           |
| 1,2-Dichlorobenzene         | U                 |              | 0.107          | 1.00           |
| 1,3-Dichlorobenzene         | U                 |              | 0.110          | 1.00           |
| 1,4-Dichlorobenzene         | U                 |              | 0.120          | 1.00           |
| Dichlorodifluoromethane     | U                 |              | 0.374          | 5.00           |
| 1,1-Dichloroethane          | U                 |              | 0.100          | 1.00           |
| 1,2-Dichloroethane          | U                 |              | 0.0819         | 1.00           |
| 1,1-Dichloroethene          | U                 |              | 0.188          | 1.00           |
| cis-1,2-Dichloroethene      | U                 |              | 0.126          | 1.00           |
| trans-1,2-Dichloroethene    | U                 |              | 0.149          | 1.00           |
| 1,2-Dichloropropane         | U                 |              | 0.149          | 1.00           |
| 1,1-Dichloropropene         | U                 |              | 0.142          | 1.00           |
| 1,3-Dichloropropane         | U                 |              | 0.110          | 1.00           |
| cis-1,3-Dichloropropene     | U                 |              | 0.111          | 1.00           |
| trans-1,3-Dichloropropene   | U                 |              | 0.118          | 1.00           |
| 2,2-Dichloropropane         | U                 |              | 0.161          | 1.00           |
| Di-isopropyl ether          | U                 |              | 0.105          | 1.00           |
| Ethylbenzene                | U                 |              | 0.137          | 1.00           |

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Method Blank (MB)

(MB) R4037482-2 02/22/24 22:59

| Analyte                        | MB Result<br>ug/l | MB Qualifier | MB MDL<br>ug/l | MB RDL<br>ug/l |
|--------------------------------|-------------------|--------------|----------------|----------------|
| Hexachloro-1,3-butadiene       | U                 |              | 0.337          | 1.00           |
| Isopropylbenzene               | U                 |              | 0.105          | 1.00           |
| p-Isopropyltoluene             | U                 |              | 0.120          | 1.00           |
| 2-Butanone (MEK)               | U                 |              | 1.19           | 10.0           |
| Methylene Chloride             | U                 |              | 0.430          | 5.00           |
| 4-Methyl-2-pentanone (MIBK)    | U                 |              | 0.478          | 10.0           |
| Methyl tert-butyl ether        | U                 |              | 0.101          | 1.00           |
| Naphthalene                    | U                 |              | 1.00           | 5.00           |
| n-Propylbenzene                | U                 |              | 0.0993         | 1.00           |
| Styrene                        | U                 |              | 0.118          | 1.00           |
| 1,1,1,2-Tetrachloroethane      | U                 |              | 0.147          | 1.00           |
| 1,1,2,2-Tetrachloroethane      | U                 |              | 0.133          | 1.00           |
| 1,1,2-Trichlorotrifluoroethane | U                 |              | 0.180          | 1.00           |
| Tetrachloroethene              | U                 |              | 0.300          | 1.00           |
| Toluene                        | U                 |              | 0.278          | 1.00           |
| 1,2,3-Trichlorobenzene         | U                 |              | 0.230          | 1.00           |
| 1,2,4-Trichlorobenzene         | U                 |              | 0.481          | 1.00           |
| 1,1,1-Trichloroethane          | U                 |              | 0.149          | 1.00           |
| 1,1,2-Trichloroethane          | U                 |              | 0.158          | 1.00           |
| Trichloroethene                | U                 |              | 0.190          | 1.00           |
| Trichlorofluoromethane         | U                 |              | 0.160          | 5.00           |
| 1,2,3-Trichloropropane         | U                 |              | 0.237          | 2.50           |
| 1,2,4-Trimethylbenzene         | U                 |              | 0.322          | 1.00           |
| 1,2,3-Trimethylbenzene         | U                 |              | 0.104          | 1.00           |
| 1,3,5-Trimethylbenzene         | U                 |              | 0.104          | 1.00           |
| Vinyl chloride                 | U                 |              | 0.234          | 1.00           |
| Xylenes, Total                 | U                 |              | 0.174          | 3.00           |
| (S) Toluene-d8                 | 105               |              |                | 80.0-120       |
| (S) 4-Bromofluorobenzene       | 102               |              |                | 77.0-126       |
| (S) 1,2-Dichloroethane-d4      | 112               |              |                | 70.0-130       |

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

(LCS) R4037482-1 02/22/24 21:33 • (LCSD) R4037482-3 02/22/24 23:21

| Analyte       | Spike Amount<br>ug/l | LCS Result<br>ug/l | LCSD Result<br>ug/l | LCS Rec.<br>% | LCSD Rec.<br>% | Rec. Limits<br>% | LCS Qualifier | LCSD Qualifier | RPD<br>% | RPD Limits<br>% |
|---------------|----------------------|--------------------|---------------------|---------------|----------------|------------------|---------------|----------------|----------|-----------------|
| Acetone       | 25.0                 | 31.6               | 43.5                | 126           | 174            | 19.0-160         |               | J3 J4          | 31.7     | 27              |
| Acrolein      | 25.0                 | 17.9               | 20.3                | 71.6          | 81.2           | 10.0-160         |               |                | 12.6     | 26              |
| Acrylonitrile | 25.0                 | 23.0               | 23.3                | 92.0          | 93.2           | 55.0-149         |               |                | 1.30     | 20              |

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

(LCS) R4037482-1 02/22/24 21:33 • (LCSD) R4037482-3 02/22/24 23:21

| Analyte                     | Spike Amount<br>ug/l | LCS Result<br>ug/l | LCSD Result<br>ug/l | LCS Rec.<br>% | LCSD Rec.<br>% | Rec. Limits<br>% | LCS Qualifier | LCSD Qualifier | RPD<br>% | RPD Limits<br>% |
|-----------------------------|----------------------|--------------------|---------------------|---------------|----------------|------------------|---------------|----------------|----------|-----------------|
| Benzene                     | 5.00                 | 4.59               | 4.65                | 91.8          | 93.0           | 70.0-123         |               |                | 1.30     | 20              |
| Bromobenzene                | 5.00                 | 3.99               | 4.03                | 79.8          | 80.6           | 73.0-121         |               |                | 0.998    | 20              |
| Bromodichloromethane        | 5.00                 | 4.97               | 5.05                | 99.4          | 101            | 75.0-120         |               |                | 1.60     | 20              |
| Bromoform                   | 5.00                 | 6.05               | 6.12                | 121           | 122            | 68.0-132         |               |                | 1.15     | 20              |
| Bromomethane                | 5.00                 | 5.00               | 5.07                | 100           | 101            | 10.0-160         |               |                | 1.39     | 25              |
| n-Butylbenzene              | 5.00                 | 4.15               | 4.37                | 83.0          | 87.4           | 73.0-125         |               |                | 5.16     | 20              |
| sec-Butylbenzene            | 5.00                 | 4.06               | 4.17                | 81.2          | 83.4           | 75.0-125         |               |                | 2.67     | 20              |
| tert-Butylbenzene           | 5.00                 | 4.34               | 4.45                | 86.8          | 89.0           | 76.0-124         |               |                | 2.50     | 20              |
| Carbon disulfide            | 5.00                 | 4.70               | 4.65                | 94.0          | 93.0           | 61.0-128         |               |                | 1.07     | 20              |
| Carbon tetrachloride        | 5.00                 | 5.96               | 6.17                | 119           | 123            | 68.0-126         |               |                | 3.46     | 20              |
| Chlorobenzene               | 5.00                 | 5.37               | 5.55                | 107           | 111            | 80.0-121         |               |                | 3.30     | 20              |
| Chlorodibromomethane        | 5.00                 | 5.72               | 5.82                | 114           | 116            | 77.0-125         |               |                | 1.73     | 20              |
| Chloroethane                | 5.00                 | 4.60               | 4.49                | 92.0          | 89.8           | 47.0-150         |               |                | 2.42     | 20              |
| Chloroform                  | 5.00                 | 5.01               | 5.14                | 100           | 103            | 73.0-120         |               |                | 2.56     | 20              |
| Chloromethane               | 5.00                 | 4.77               | 4.34                | 95.4          | 86.8           | 41.0-142         |               |                | 9.44     | 20              |
| 2-Chlorotoluene             | 5.00                 | 4.11               | 4.13                | 82.2          | 82.6           | 76.0-123         |               |                | 0.485    | 20              |
| 4-Chlorotoluene             | 5.00                 | 4.09               | 4.06                | 81.8          | 81.2           | 75.0-122         |               |                | 0.736    | 20              |
| 1,2-Dibromo-3-Chloropropane | 5.00                 | 3.84               | 4.36                | 76.8          | 87.2           | 58.0-134         |               |                | 12.7     | 20              |
| 1,2-Dibromoethane           | 5.00                 | 5.33               | 5.36                | 107           | 107            | 80.0-122         |               |                | 0.561    | 20              |
| Dibromomethane              | 5.00                 | 5.09               | 5.25                | 102           | 105            | 80.0-120         |               |                | 3.09     | 20              |
| 1,2-Dichlorobenzene         | 5.00                 | 4.64               | 4.61                | 92.8          | 92.2           | 79.0-121         |               |                | 0.649    | 20              |
| 1,3-Dichlorobenzene         | 5.00                 | 4.71               | 4.92                | 94.2          | 98.4           | 79.0-120         |               |                | 4.36     | 20              |
| 1,4-Dichlorobenzene         | 5.00                 | 4.81               | 4.80                | 96.2          | 96.0           | 79.0-120         |               |                | 0.208    | 20              |
| Dichlorodifluoromethane     | 5.00                 | 7.03               | 6.83                | 141           | 137            | 51.0-149         |               |                | 2.89     | 20              |
| 1,1-Dichloroethane          | 5.00                 | 4.62               | 4.52                | 92.4          | 90.4           | 70.0-126         |               |                | 2.19     | 20              |
| 1,2-Dichloroethane          | 5.00                 | 5.51               | 5.46                | 110           | 109            | 70.0-128         |               |                | 0.912    | 20              |
| 1,1-Dichloroethene          | 5.00                 | 5.20               | 5.03                | 104           | 101            | 71.0-124         |               |                | 3.32     | 20              |
| cis-1,2-Dichloroethene      | 5.00                 | 4.96               | 4.99                | 99.2          | 99.8           | 73.0-120         |               |                | 0.603    | 20              |
| trans-1,2-Dichloroethene    | 5.00                 | 5.08               | 5.28                | 102           | 106            | 73.0-120         |               |                | 3.86     | 20              |
| 1,2-Dichloropropane         | 5.00                 | 4.35               | 4.21                | 87.0          | 84.2           | 77.0-125         |               |                | 3.27     | 20              |
| 1,1-Dichloropropene         | 5.00                 | 4.75               | 4.83                | 95.0          | 96.6           | 74.0-126         |               |                | 1.67     | 20              |
| 1,3-Dichloropropane         | 5.00                 | 4.69               | 4.82                | 93.8          | 96.4           | 80.0-120         |               |                | 2.73     | 20              |
| cis-1,3-Dichloropropene     | 5.00                 | 4.50               | 4.49                | 90.0          | 89.8           | 80.0-123         |               |                | 0.222    | 20              |
| trans-1,3-Dichloropropene   | 5.00                 | 4.58               | 4.71                | 91.6          | 94.2           | 78.0-124         |               |                | 2.80     | 20              |
| 2,2-Dichloropropane         | 5.00                 | 4.47               | 5.26                | 89.4          | 105            | 58.0-130         |               |                | 16.2     | 20              |
| Di-isopropyl ether          | 5.00                 | 3.85               | 3.89                | 77.0          | 77.8           | 58.0-138         |               |                | 1.03     | 20              |
| Ethylbenzene                | 5.00                 | 5.19               | 5.36                | 104           | 107            | 79.0-123         |               |                | 3.22     | 20              |
| Hexachloro-1,3-butadiene    | 5.00                 | 4.47               | 5.26                | 89.4          | 105            | 54.0-138         |               |                | 16.2     | 20              |
| Isopropylbenzene            | 5.00                 | 5.12               | 5.27                | 102           | 105            | 76.0-127         |               |                | 2.89     | 20              |
| p-Isopropyltoluene          | 5.00                 | 4.23               | 4.35                | 84.6          | 87.0           | 76.0-125         |               |                | 2.80     | 20              |

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

(LCS) R4037482-1 02/22/24 21:33 • (LCSD) R4037482-3 02/22/24 23:21

| Analyte                        | Spike Amount<br>ug/l | LCS Result<br>ug/l | LCSD Result<br>ug/l | LCS Rec.<br>% | LCSD Rec.<br>% | Rec. Limits<br>% | <u>LCS Qualifier</u> | <u>LCSD Qualifier</u> | RPD<br>% | RPD Limits<br>% |
|--------------------------------|----------------------|--------------------|---------------------|---------------|----------------|------------------|----------------------|-----------------------|----------|-----------------|
| 2-Butanone (MEK)               | 25.0                 | 21.3               | 23.2                | 85.2          | 92.8           | 44.0-160         |                      |                       | 8.54     | 20              |
| Methylene Chloride             | 5.00                 | 4.89               | 4.78                | 97.8          | 95.6           | 67.0-120         |                      |                       | 2.28     | 20              |
| 4-Methyl-2-pentanone (MIBK)    | 25.0                 | 19.3               | 20.4                | 77.2          | 81.6           | 68.0-142         |                      |                       | 5.54     | 20              |
| Methyl tert-butyl ether        | 5.00                 | 4.80               | 4.89                | 96.0          | 97.8           | 68.0-125         |                      |                       | 1.86     | 20              |
| Naphthalene                    | 5.00                 | 3.16               | 3.26                | 63.2          | 65.2           | 54.0-135         |                      |                       | 3.12     | 20              |
| n-Propylbenzene                | 5.00                 | 3.96               | 4.05                | 79.2          | 81.0           | 77.0-124         |                      |                       | 2.25     | 20              |
| Styrene                        | 5.00                 | 4.84               | 5.04                | 96.8          | 101            | 73.0-130         |                      |                       | 4.05     | 20              |
| 1,1,1,2-Tetrachloroethane      | 5.00                 | 5.57               | 5.82                | 111           | 116            | 75.0-125         |                      |                       | 4.39     | 20              |
| 1,1,2,2-Tetrachloroethane      | 5.00                 | 3.57               | 3.88                | 71.4          | 77.6           | 65.0-130         |                      |                       | 8.32     | 20              |
| 1,1,2-Trichlorotrifluoroethane | 5.00                 | 5.43               | 5.79                | 109           | 116            | 69.0-132         |                      |                       | 6.42     | 20              |
| Tetrachloroethene              | 5.00                 | 6.24               | 6.63                | 125           | 133            | 72.0-132         |                      | J4                    | 6.06     | 20              |
| Toluene                        | 5.00                 | 4.87               | 5.05                | 97.4          | 101            | 79.0-120         |                      |                       | 3.63     | 20              |
| 1,2,3-Trichlorobenzene         | 5.00                 | 3.83               | 4.21                | 76.6          | 84.2           | 50.0-138         |                      |                       | 9.45     | 20              |
| 1,2,4-Trichlorobenzene         | 5.00                 | 4.23               | 4.44                | 84.6          | 88.8           | 57.0-137         |                      |                       | 4.84     | 20              |
| 1,1,1-Trichloroethane          | 5.00                 | 5.69               | 5.89                | 114           | 118            | 73.0-124         |                      |                       | 3.45     | 20              |
| 1,1,2-Trichloroethane          | 5.00                 | 4.91               | 5.10                | 98.2          | 102            | 80.0-120         |                      |                       | 3.80     | 20              |
| Trichloroethene                | 5.00                 | 5.94               | 5.86                | 119           | 117            | 78.0-124         |                      |                       | 1.36     | 20              |
| Trichlorofluoromethane         | 5.00                 | 6.66               | 6.84                | 133           | 137            | 59.0-147         |                      |                       | 2.67     | 20              |
| 1,2,3-Trichloropropane         | 5.00                 | 4.59               | 4.91                | 91.8          | 98.2           | 73.0-130         |                      |                       | 6.74     | 20              |
| 1,2,4-Trimethylbenzene         | 5.00                 | 4.11               | 4.21                | 82.2          | 84.2           | 76.0-121         |                      |                       | 2.40     | 20              |
| 1,2,3-Trimethylbenzene         | 5.00                 | 4.19               | 4.27                | 83.8          | 85.4           | 77.0-120         |                      |                       | 1.89     | 20              |
| 1,3,5-Trimethylbenzene         | 5.00                 | 4.23               | 4.39                | 84.6          | 87.8           | 76.0-122         |                      |                       | 3.71     | 20              |
| Vinyl chloride                 | 5.00                 | 4.74               | 4.58                | 94.8          | 91.6           | 67.0-131         |                      |                       | 3.43     | 20              |
| Xylenes, Total                 | 15.0                 | 15.3               | 15.7                | 102           | 105            | 79.0-123         |                      |                       | 2.58     | 20              |
| (S) Toluene-d8                 |                      |                    |                     | 104           | 107            | 80.0-120         |                      |                       |          |                 |
| (S) 4-Bromofluorobenzene       |                      |                    |                     | 102           | 103            | 77.0-126         |                      |                       |          |                 |
| (S) 1,2-Dichloroethane-d4      |                      |                    |                     | 113           | 112            | 70.0-130         |                      |                       |          |                 |

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4038168-3 02/24/24 10:46

| Analyte                     | MB Result<br>ug/l | MB Qualifier | MB MDL<br>ug/l | MB RDL<br>ug/l |
|-----------------------------|-------------------|--------------|----------------|----------------|
| Acetone                     | U                 |              | 11.3           | 50.0           |
| Acrolein                    | U                 |              | 2.54           | 50.0           |
| Acrylonitrile               | U                 |              | 0.671          | 10.0           |
| Benzene                     | U                 |              | 0.0941         | 1.00           |
| Bromobenzene                | U                 |              | 0.118          | 1.00           |
| Bromodichloromethane        | U                 |              | 0.136          | 1.00           |
| Bromoform                   | U                 |              | 0.129          | 1.00           |
| Bromomethane                | U                 |              | 0.605          | 5.00           |
| n-Butylbenzene              | U                 |              | 0.157          | 1.00           |
| sec-Butylbenzene            | U                 |              | 0.125          | 1.00           |
| tert-Butylbenzene           | U                 |              | 0.127          | 1.00           |
| Carbon disulfide            | U                 |              | 0.0962         | 1.00           |
| Carbon tetrachloride        | U                 |              | 0.128          | 1.00           |
| Chlorobenzene               | U                 |              | 0.116          | 1.00           |
| Chlorodibromomethane        | U                 |              | 0.140          | 1.00           |
| Chloroethane                | U                 |              | 0.192          | 5.00           |
| Chloroform                  | U                 |              | 0.111          | 5.00           |
| Chloromethane               | U                 |              | 0.960          | 2.50           |
| 2-Chlorotoluene             | U                 |              | 0.106          | 1.00           |
| 4-Chlorotoluene             | U                 |              | 0.114          | 1.00           |
| 1,2-Dibromo-3-Chloropropane | U                 |              | 0.276          | 5.00           |
| 1,2-Dibromoethane           | U                 |              | 0.126          | 1.00           |
| Dibromomethane              | U                 |              | 0.122          | 1.00           |
| 1,2-Dichlorobenzene         | U                 |              | 0.107          | 1.00           |
| 1,3-Dichlorobenzene         | U                 |              | 0.110          | 1.00           |
| 1,4-Dichlorobenzene         | U                 |              | 0.120          | 1.00           |
| Dichlorodifluoromethane     | U                 |              | 0.374          | 5.00           |
| 1,1-Dichloroethane          | U                 |              | 0.100          | 1.00           |
| 1,2-Dichloroethane          | U                 |              | 0.0819         | 1.00           |
| 1,1-Dichloroethene          | U                 |              | 0.188          | 1.00           |
| cis-1,2-Dichloroethene      | U                 |              | 0.126          | 1.00           |
| trans-1,2-Dichloroethene    | U                 |              | 0.149          | 1.00           |
| 1,2-Dichloropropane         | U                 |              | 0.149          | 1.00           |
| 1,1-Dichloropropene         | U                 |              | 0.142          | 1.00           |
| 1,3-Dichloropropane         | U                 |              | 0.110          | 1.00           |
| cis-1,3-Dichloropropene     | U                 |              | 0.111          | 1.00           |
| trans-1,3-Dichloropropene   | U                 |              | 0.118          | 1.00           |
| 2,2-Dichloropropane         | U                 |              | 0.161          | 1.00           |
| Di-isopropyl ether          | U                 |              | 0.105          | 1.00           |
| Ethylbenzene                | U                 |              | 0.137          | 1.00           |

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Method Blank (MB)

(MB) R4038168-3 02/24/24 10:46

| Analyte                        | MB Result<br>ug/l | MB Qualifier | MB MDL<br>ug/l | MB RDL<br>ug/l |
|--------------------------------|-------------------|--------------|----------------|----------------|
| Hexachloro-1,3-butadiene       | U                 |              | 0.337          | 1.00           |
| Isopropylbenzene               | U                 |              | 0.105          | 1.00           |
| p-Isopropyltoluene             | U                 |              | 0.120          | 1.00           |
| 2-Butanone (MEK)               | U                 |              | 1.19           | 10.0           |
| Methylene Chloride             | U                 |              | 0.430          | 5.00           |
| 4-Methyl-2-pentanone (MIBK)    | U                 |              | 0.478          | 10.0           |
| Methyl tert-butyl ether        | U                 |              | 0.101          | 1.00           |
| Naphthalene                    | U                 |              | 1.00           | 5.00           |
| n-Propylbenzene                | U                 |              | 0.0993         | 1.00           |
| Styrene                        | U                 |              | 0.118          | 1.00           |
| 1,1,1,2-Tetrachloroethane      | U                 |              | 0.147          | 1.00           |
| 1,1,2,2-Tetrachloroethane      | U                 |              | 0.133          | 1.00           |
| 1,1,2-Trichlorotrifluoroethane | U                 |              | 0.180          | 1.00           |
| Tetrachloroethene              | U                 |              | 0.300          | 1.00           |
| Toluene                        | U                 |              | 0.278          | 1.00           |
| 1,2,3-Trichlorobenzene         | U                 |              | 0.230          | 1.00           |
| 1,2,4-Trichlorobenzene         | U                 |              | 0.481          | 1.00           |
| 1,1,1-Trichloroethane          | U                 |              | 0.149          | 1.00           |
| 1,1,2-Trichloroethane          | U                 |              | 0.158          | 1.00           |
| Trichloroethene                | U                 |              | 0.190          | 1.00           |
| Trichlorofluoromethane         | U                 |              | 0.160          | 5.00           |
| 1,2,3-Trichloropropane         | U                 |              | 0.237          | 2.50           |
| 1,2,4-Trimethylbenzene         | U                 |              | 0.322          | 1.00           |
| 1,2,3-Trimethylbenzene         | U                 |              | 0.104          | 1.00           |
| 1,3,5-Trimethylbenzene         | U                 |              | 0.104          | 1.00           |
| Vinyl chloride                 | U                 |              | 0.234          | 1.00           |
| Xylenes, Total                 | U                 |              | 0.174          | 3.00           |
| (S) Toluene-d8                 | 104               |              |                | 80.0-120       |
| (S) 4-Bromofluorobenzene       | 104               |              |                | 77.0-126       |
| (S) 1,2-Dichloroethane-d4      | 115               |              |                | 70.0-130       |

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

(LCS) R4038168-1 02/24/24 09:45 • (LCSD) R4038168-2 02/24/24 10:06

| Analyte       | Spike Amount<br>ug/l | LCS Result<br>ug/l | LCSD Result<br>ug/l | LCS Rec.<br>% | LCSD Rec.<br>% | Rec. Limits<br>% | LCS Qualifier | LCSD Qualifier | RPD<br>% | RPD Limits<br>% |
|---------------|----------------------|--------------------|---------------------|---------------|----------------|------------------|---------------|----------------|----------|-----------------|
| Acetone       | 25.0                 | 44.1               | 33.6                | 176           | 134            | 19.0-160         | J4            |                | 27.0     | 27              |
| Acrolein      | 25.0                 | 20.9               | 20.7                | 83.6          | 82.8           | 10.0-160         |               |                | 0.962    | 26              |
| Acrylonitrile | 25.0                 | 24.8               | 25.0                | 99.2          | 100            | 55.0-149         |               |                | 0.803    | 20              |

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

(LCS) R4038168-1 02/24/24 09:45 • (LCSD) R4038168-2 02/24/24 10:06

| Analyte                     | Spike Amount<br>ug/l | LCS Result<br>ug/l | LCSD Result<br>ug/l | LCS Rec.<br>% | LCSD Rec.<br>% | Rec. Limits<br>% | LCS Qualifier | LCSD Qualifier | RPD<br>% | RPD Limits<br>% |
|-----------------------------|----------------------|--------------------|---------------------|---------------|----------------|------------------|---------------|----------------|----------|-----------------|
| Benzene                     | 5.00                 | 4.66               | 4.83                | 93.2          | 96.6           | 70.0-123         |               |                | 3.58     | 20              |
| Bromobenzene                | 5.00                 | 3.93               | 4.03                | 78.6          | 80.6           | 73.0-121         |               |                | 2.51     | 20              |
| Bromodichloromethane        | 5.00                 | 5.26               | 5.44                | 105           | 109            | 75.0-120         |               |                | 3.36     | 20              |
| Bromoform                   | 5.00                 | 6.47               | 6.40                | 129           | 128            | 68.0-132         |               |                | 1.09     | 20              |
| Bromomethane                | 5.00                 | 5.43               | 5.68                | 109           | 114            | 10.0-160         |               |                | 4.50     | 25              |
| n-Butylbenzene              | 5.00                 | 4.50               | 4.61                | 90.0          | 92.2           | 73.0-125         |               |                | 2.41     | 20              |
| sec-Butylbenzene            | 5.00                 | 4.26               | 4.38                | 85.2          | 87.6           | 75.0-125         |               |                | 2.78     | 20              |
| tert-Butylbenzene           | 5.00                 | 4.50               | 4.55                | 90.0          | 91.0           | 76.0-124         |               |                | 1.10     | 20              |
| Carbon disulfide            | 5.00                 | 4.67               | 4.73                | 93.4          | 94.6           | 61.0-128         |               |                | 1.28     | 20              |
| Carbon tetrachloride        | 5.00                 | 6.21               | 6.50                | 124           | 130            | 68.0-126         |               | J4             | 4.56     | 20              |
| Chlorobenzene               | 5.00                 | 5.65               | 5.70                | 113           | 114            | 80.0-121         |               |                | 0.881    | 20              |
| Chlorodibromomethane        | 5.00                 | 6.00               | 5.98                | 120           | 120            | 77.0-125         |               |                | 0.334    | 20              |
| Chloroethane                | 5.00                 | 4.60               | 4.73                | 92.0          | 94.6           | 47.0-150         |               |                | 2.79     | 20              |
| Chloroform                  | 5.00                 | 5.28               | 5.35                | 106           | 107            | 73.0-120         |               |                | 1.32     | 20              |
| Chloromethane               | 5.00                 | 4.31               | 4.35                | 86.2          | 87.0           | 41.0-142         |               |                | 0.924    | 20              |
| 2-Chlorotoluene             | 5.00                 | 4.23               | 4.26                | 84.6          | 85.2           | 76.0-123         |               |                | 0.707    | 20              |
| 4-Chlorotoluene             | 5.00                 | 4.19               | 4.23                | 83.8          | 84.6           | 75.0-122         |               |                | 0.950    | 20              |
| 1,2-Dibromo-3-Chloropropane | 5.00                 | 4.47               | 4.61                | 89.4          | 92.2           | 58.0-134         |               |                | 3.08     | 20              |
| 1,2-Dibromoethane           | 5.00                 | 5.53               | 5.42                | 111           | 108            | 80.0-122         |               |                | 2.01     | 20              |
| Dibromomethane              | 5.00                 | 5.49               | 5.57                | 110           | 111            | 80.0-120         |               |                | 1.45     | 20              |
| 1,2-Dichlorobenzene         | 5.00                 | 5.04               | 4.93                | 101           | 98.6           | 79.0-121         |               |                | 2.21     | 20              |
| 1,3-Dichlorobenzene         | 5.00                 | 4.95               | 5.01                | 99.0          | 100            | 79.0-120         |               |                | 1.20     | 20              |
| 1,4-Dichlorobenzene         | 5.00                 | 5.04               | 5.00                | 101           | 100            | 79.0-120         |               |                | 0.797    | 20              |
| Dichlorodifluoromethane     | 5.00                 | 6.46               | 6.47                | 129           | 129            | 51.0-149         |               |                | 0.155    | 20              |
| 1,1-Dichloroethane          | 5.00                 | 4.73               | 4.72                | 94.6          | 94.4           | 70.0-126         |               |                | 0.212    | 20              |
| 1,2-Dichloroethane          | 5.00                 | 5.65               | 5.60                | 113           | 112            | 70.0-128         |               |                | 0.889    | 20              |
| 1,1-Dichloroethene          | 5.00                 | 5.21               | 5.45                | 104           | 109            | 71.0-124         |               |                | 4.50     | 20              |
| cis-1,2-Dichloroethene      | 5.00                 | 5.13               | 5.31                | 103           | 106            | 73.0-120         |               |                | 3.45     | 20              |
| trans-1,2-Dichloroethene    | 5.00                 | 5.28               | 5.43                | 106           | 109            | 73.0-120         |               |                | 2.80     | 20              |
| 1,2-Dichloropropane         | 5.00                 | 4.25               | 4.48                | 85.0          | 89.6           | 77.0-125         |               |                | 5.27     | 20              |
| 1,1-Dichloropropene         | 5.00                 | 4.85               | 5.03                | 97.0          | 101            | 74.0-126         |               |                | 3.64     | 20              |
| 1,3-Dichloropropane         | 5.00                 | 4.83               | 4.79                | 96.6          | 95.8           | 80.0-120         |               |                | 0.832    | 20              |
| cis-1,3-Dichloropropene     | 5.00                 | 4.65               | 4.68                | 93.0          | 93.6           | 80.0-123         |               |                | 0.643    | 20              |
| trans-1,3-Dichloropropene   | 5.00                 | 4.83               | 4.84                | 96.6          | 96.8           | 78.0-124         |               |                | 0.207    | 20              |
| 2,2-Dichloropropane         | 5.00                 | 5.36               | 5.18                | 107           | 104            | 58.0-130         |               |                | 3.42     | 20              |
| Di-isopropyl ether          | 5.00                 | 3.86               | 3.86                | 77.2          | 77.2           | 58.0-138         |               |                | 0.000    | 20              |
| Ethylbenzene                | 5.00                 | 5.32               | 5.42                | 106           | 108            | 79.0-123         |               |                | 1.86     | 20              |
| Hexachloro-1,3-butadiene    | 5.00                 | 5.24               | 5.25                | 105           | 105            | 54.0-138         |               |                | 0.191    | 20              |
| Isopropylbenzene            | 5.00                 | 5.44               | 5.41                | 109           | 108            | 76.0-127         |               |                | 0.553    | 20              |
| p-Isopropyltoluene          | 5.00                 | 4.46               | 4.51                | 89.2          | 90.2           | 76.0-125         |               |                | 1.11     | 20              |

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

(LCS) R4038168-1 02/24/24 09:45 • (LCSD) R4038168-2 02/24/24 10:06

| Analyte                        | Spike Amount<br>ug/l | LCS Result<br>ug/l | LCSD Result<br>ug/l | LCS Rec.<br>% | LCSD Rec.<br>% | Rec. Limits<br>% | <u>LCS Qualifier</u> | <u>LCSD Qualifier</u> | RPD<br>% | RPD Limits<br>% |
|--------------------------------|----------------------|--------------------|---------------------|---------------|----------------|------------------|----------------------|-----------------------|----------|-----------------|
| 2-Butanone (MEK)               | 25.0                 | 22.2               | 22.7                | 88.8          | 90.8           | 44.0-160         |                      |                       | 2.23     | 20              |
| Methylene Chloride             | 5.00                 | 5.02               | 5.12                | 100           | 102            | 67.0-120         |                      |                       | 1.97     | 20              |
| 4-Methyl-2-pentanone (MIBK)    | 25.0                 | 20.2               | 20.3                | 80.8          | 81.2           | 68.0-142         |                      |                       | 0.494    | 20              |
| Methyl tert-butyl ether        | 5.00                 | 5.19               | 5.18                | 104           | 104            | 68.0-125         |                      |                       | 0.193    | 20              |
| Naphthalene                    | 5.00                 | 3.67               | 3.82                | 73.4          | 76.4           | 54.0-135         |                      |                       | 4.01     | 20              |
| n-Propylbenzene                | 5.00                 | 4.09               | 4.15                | 81.8          | 83.0           | 77.0-124         |                      |                       | 1.46     | 20              |
| Styrene                        | 5.00                 | 5.21               | 5.10                | 104           | 102            | 73.0-130         |                      |                       | 2.13     | 20              |
| 1,1,1,2-Tetrachloroethane      | 5.00                 | 6.05               | 6.11                | 121           | 122            | 75.0-125         |                      |                       | 0.987    | 20              |
| 1,1,2,2-Tetrachloroethane      | 5.00                 | 3.87               | 3.94                | 77.4          | 78.8           | 65.0-130         |                      |                       | 1.79     | 20              |
| 1,1,2-Trichlorotrifluoroethane | 5.00                 | 5.44               | 5.84                | 109           | 117            | 69.0-132         |                      |                       | 7.09     | 20              |
| Tetrachloroethene              | 5.00                 | 6.55               | 6.67                | 131           | 133            | 72.0-132         |                      | J4                    | 1.82     | 20              |
| Toluene                        | 5.00                 | 5.07               | 5.09                | 101           | 102            | 79.0-120         |                      |                       | 0.394    | 20              |
| 1,2,3-Trichlorobenzene         | 5.00                 | 4.71               | 4.71                | 94.2          | 94.2           | 50.0-138         |                      |                       | 0.000    | 20              |
| 1,2,4-Trichlorobenzene         | 5.00                 | 4.94               | 4.88                | 98.8          | 97.6           | 57.0-137         |                      |                       | 1.22     | 20              |
| 1,1,1-Trichloroethane          | 5.00                 | 5.95               | 5.98                | 119           | 120            | 73.0-124         |                      |                       | 0.503    | 20              |
| 1,1,2-Trichloroethane          | 5.00                 | 5.20               | 5.22                | 104           | 104            | 80.0-120         |                      |                       | 0.384    | 20              |
| Trichloroethene                | 5.00                 | 5.89               | 6.32                | 118           | 126            | 78.0-124         |                      | J4                    | 7.04     | 20              |
| Trichlorofluoromethane         | 5.00                 | 6.94               | 7.23                | 139           | 145            | 59.0-147         |                      |                       | 4.09     | 20              |
| 1,2,3-Trichloropropane         | 5.00                 | 4.67               | 5.01                | 93.4          | 100            | 73.0-130         |                      |                       | 7.02     | 20              |
| 1,2,4-Trimethylbenzene         | 5.00                 | 4.37               | 4.37                | 87.4          | 87.4           | 76.0-121         |                      |                       | 0.000    | 20              |
| 1,2,3-Trimethylbenzene         | 5.00                 | 4.42               | 4.42                | 88.4          | 88.4           | 77.0-120         |                      |                       | 0.000    | 20              |
| 1,3,5-Trimethylbenzene         | 5.00                 | 4.46               | 4.53                | 89.2          | 90.6           | 76.0-122         |                      |                       | 1.56     | 20              |
| Vinyl chloride                 | 5.00                 | 4.76               | 4.93                | 95.2          | 98.6           | 67.0-131         |                      |                       | 3.51     | 20              |
| Xylenes, Total                 | 15.0                 | 16.4               | 16.4                | 109           | 109            | 79.0-123         |                      |                       | 0.000    | 20              |
| (S) Toluene-d8                 |                      |                    |                     | 105           | 104            | 80.0-120         |                      |                       |          |                 |
| (S) 4-Bromofluorobenzene       |                      |                    |                     | 104           | 102            | 77.0-126         |                      |                       |          |                 |
| (S) 1,2-Dichloroethane-d4      |                      |                    |                     | 112           | 112            | 70.0-130         |                      |                       |          |                 |

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

L1707016-47 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1707016-47 02/24/24 14:54 • (MS) R4038168-4 02/24/24 18:17 • (MSD) R4038168-5 02/24/24 18:37

| Analyte              | Spike Amount<br>ug/l | Original Result<br>ug/l | MS Result<br>ug/l | MSD Result<br>ug/l | MS Rec.<br>% | MSD Rec.<br>% | Dilution | Rec. Limits<br>% | <u>MS Qualifier</u> | <u>MSD Qualifier</u> | RPD<br>% | RPD Limits<br>% |
|----------------------|----------------------|-------------------------|-------------------|--------------------|--------------|---------------|----------|------------------|---------------------|----------------------|----------|-----------------|
| Acetone              | 25.0                 | U                       | 43.6              | 35.4               | 174          | 142           | 1        | 10.0-160         | J5                  |                      | 20.8     | 35              |
| Acrolein             | 25.0                 | U                       | 47.2              | 38.4               | 189          | 154           | 1        | 10.0-160         | J5                  |                      | 20.6     | 39              |
| Acrylonitrile        | 25.0                 | U                       | 28.3              | 25.6               | 113          | 102           | 1        | 21.0-160         |                     |                      | 10.0     | 32              |
| Benzene              | 5.00                 | U                       | 6.83              | 6.11               | 137          | 122           | 1        | 17.0-158         |                     |                      | 11.1     | 27              |
| Bromobenzene         | 5.00                 | U                       | 4.67              | 4.88               | 93.4         | 97.6          | 1        | 30.0-149         |                     |                      | 4.40     | 28              |
| Bromodichloromethane | 5.00                 | U                       | 6.18              | 6.12               | 124          | 122           | 1        | 31.0-150         |                     |                      | 0.976    | 27              |

L1707016-47 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1707016-47 02/24/24 14:54 • (MS) R4038168-4 02/24/24 18:17 • (MSD) R4038168-5 02/24/24 18:37

| Analyte                     | Spike Amount<br>ug/l | Original Result<br>ug/l | MS Result<br>ug/l | MSD Result<br>ug/l | MS Rec.<br>% | MSD Rec.<br>% | Dilution | Rec. Limits<br>% | MS Qualifier | MSD Qualifier | RPD<br>% | RPD Limits<br>% |
|-----------------------------|----------------------|-------------------------|-------------------|--------------------|--------------|---------------|----------|------------------|--------------|---------------|----------|-----------------|
| Bromoform                   | 5.00                 | U                       | 7.25              | 7.36               | 145          | 147           | 1        | 29.0-150         |              |               | 1.51     | 29              |
| Bromomethane                | 5.00                 | U                       | 6.04              | 6.08               | 121          | 122           | 1        | 10.0-160         |              |               | 0.660    | 38              |
| n-Butylbenzene              | 5.00                 | U                       | 5.88              | 5.50               | 118          | 110           | 1        | 31.0-150         |              |               | 6.68     | 30              |
| sec-Butylbenzene            | 5.00                 | U                       | 5.48              | 5.56               | 110          | 111           | 1        | 33.0-155         |              |               | 1.45     | 29              |
| tert-Butylbenzene           | 5.00                 | U                       | 5.64              | 5.87               | 113          | 117           | 1        | 34.0-153         |              |               | 4.00     | 28              |
| Carbon disulfide            | 5.00                 | 0.157                   | 6.08              | 5.40               | 118          | 105           | 1        | 10.0-156         |              |               | 11.8     | 28              |
| Carbon tetrachloride        | 5.00                 | U                       | 7.76              | 7.66               | 155          | 153           | 1        | 23.0-159         |              |               | 1.30     | 28              |
| Chlorobenzene               | 5.00                 | U                       | 6.48              | 6.75               | 130          | 135           | 1        | 33.0-152         |              |               | 4.08     | 27              |
| Chlorodibromomethane        | 5.00                 | U                       | 6.78              | 6.88               | 136          | 138           | 1        | 37.0-149         |              |               | 1.46     | 27              |
| Chloroethane                | 5.00                 | U                       | 5.46              | 5.19               | 109          | 104           | 1        | 10.0-160         |              |               | 5.07     | 30              |
| Chloroform                  | 5.00                 | U                       | 6.38              | 6.06               | 128          | 121           | 1        | 29.0-154         |              |               | 5.14     | 28              |
| Chloromethane               | 5.00                 | U                       | 4.62              | 4.50               | 92.4         | 90.0          | 1        | 10.0-160         |              |               | 2.63     | 29              |
| 2-Chlorotoluene             | 5.00                 | U                       | 5.30              | 5.31               | 106          | 106           | 1        | 32.0-153         |              |               | 0.189    | 28              |
| 4-Chlorotoluene             | 5.00                 | U                       | 4.83              | 5.13               | 96.6         | 103           | 1        | 32.0-150         |              |               | 6.02     | 28              |
| 1,2-Dibromo-3-Chloropropane | 5.00                 | U                       | 5.23              | 5.71               | 105          | 114           | 1        | 22.0-151         |              |               | 8.78     | 34              |
| 1,2-Dibromoethane           | 5.00                 | U                       | 6.91              | 6.64               | 138          | 133           | 1        | 34.0-147         |              |               | 3.99     | 27              |
| Dibromomethane              | 5.00                 | U                       | 6.47              | 6.21               | 129          | 124           | 1        | 30.0-151         |              |               | 4.10     | 27              |
| 1,2-Dichlorobenzene         | 5.00                 | U                       | 5.57              | 5.84               | 111          | 117           | 1        | 34.0-149         |              |               | 4.73     | 28              |
| 1,3-Dichlorobenzene         | 5.00                 | U                       | 5.45              | 5.69               | 109          | 114           | 1        | 36.0-146         |              |               | 4.31     | 27              |
| 1,4-Dichlorobenzene         | 5.00                 | U                       | 5.47              | 5.76               | 109          | 115           | 1        | 35.0-142         |              |               | 5.16     | 27              |
| Dichlorodifluoromethane     | 5.00                 | U                       | 7.72              | 7.50               | 154          | 150           | 1        | 10.0-160         |              |               | 2.89     | 29              |
| 1,1-Dichloroethane          | 5.00                 | U                       | 5.57              | 5.49               | 111          | 110           | 1        | 25.0-158         |              |               | 1.45     | 27              |
| 1,2-Dichloroethane          | 5.00                 | 0.607                   | 6.49              | 6.21               | 118          | 112           | 1        | 29.0-151         |              |               | 4.41     | 27              |
| 1,1-Dichloroethene          | 5.00                 | U                       | 6.71              | 6.64               | 134          | 133           | 1        | 11.0-160         |              |               | 1.05     | 29              |
| cis-1,2-Dichloroethene      | 5.00                 | U                       | 6.25              | 6.13               | 125          | 123           | 1        | 10.0-160         |              |               | 1.94     | 27              |
| trans-1,2-Dichloroethene    | 5.00                 | U                       | 6.53              | 6.38               | 131          | 128           | 1        | 17.0-153         |              |               | 2.32     | 27              |
| 1,2-Dichloropropane         | 5.00                 | U                       | 5.39              | 5.18               | 108          | 104           | 1        | 30.0-156         |              |               | 3.97     | 27              |
| 1,1-Dichloropropene         | 5.00                 | U                       | 6.23              | 6.14               | 125          | 123           | 1        | 25.0-158         |              |               | 1.46     | 27              |
| 1,3-Dichloropropane         | 5.00                 | U                       | 5.69              | 5.77               | 114          | 115           | 1        | 38.0-147         |              |               | 1.40     | 27              |
| cis-1,3-Dichloropropene     | 5.00                 | U                       | 5.58              | 5.49               | 112          | 110           | 1        | 34.0-149         |              |               | 1.63     | 28              |
| trans-1,3-Dichloropropene   | 5.00                 | U                       | 5.71              | 5.79               | 114          | 116           | 1        | 32.0-149         |              |               | 1.39     | 28              |
| 2,2-Dichloropropane         | 5.00                 | U                       | 6.73              | 6.18               | 135          | 124           | 1        | 24.0-152         |              |               | 8.52     | 29              |
| Di-isopropyl ether          | 5.00                 | U                       | 4.45              | 4.39               | 89.0         | 87.8          | 1        | 21.0-160         |              |               | 1.36     | 28              |
| Ethylbenzene                | 5.00                 | U                       | 9.71              | 7.59               | 194          | 152           | 1        | 30.0-155         | J5           |               | 24.5     | 27              |
| Hexachloro-1,3-butadiene    | 5.00                 | U                       | 5.63              | 6.15               | 113          | 123           | 1        | 20.0-154         |              |               | 8.83     | 34              |
| Isopropylbenzene            | 5.00                 | U                       | 7.17              | 6.93               | 143          | 139           | 1        | 28.0-157         |              |               | 3.40     | 27              |
| p-Isopropyltoluene          | 5.00                 | U                       | 5.73              | 5.74               | 115          | 115           | 1        | 30.0-154         |              |               | 0.174    | 29              |
| 2-Butanone (MEK)            | 25.0                 | U                       | 24.7              | 23.2               | 98.8         | 92.8          | 1        | 10.0-160         |              |               | 6.26     | 32              |
| Methylene Chloride          | 5.00                 | U                       | 5.90              | 5.86               | 118          | 117           | 1        | 23.0-144         |              |               | 0.680    | 28              |
| 4-Methyl-2-pentanone (MIBK) | 25.0                 | U                       | 23.4              | 22.8               | 93.6         | 91.2          | 1        | 29.0-160         |              |               | 2.60     | 29              |

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

L1707016-47 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1707016-47 02/24/24 14:54 • (MS) R4038168-4 02/24/24 18:17 • (MSD) R4038168-5 02/24/24 18:37

| Analyte                        | Spike Amount<br>ug/l | Original Result<br>ug/l | MS Result<br>ug/l | MSD Result<br>ug/l | MS Rec.<br>% | MSD Rec.<br>% | Dilution | Rec. Limits<br>% | MS Qualifier | MSD Qualifier | RPD<br>% | RPD Limits<br>% |
|--------------------------------|----------------------|-------------------------|-------------------|--------------------|--------------|---------------|----------|------------------|--------------|---------------|----------|-----------------|
| Methyl tert-butyl ether        | 5.00                 | U                       | 6.03              | 5.87               | 121          | 117           | 1        | 28.0-150         |              |               | 2.69     | 29              |
| Naphthalene                    | 5.00                 | U                       | 32.1              | 8.50               | 642          | 170           | 1        | 12.0-156         | J5           | J3 J5         | 116      | 35              |
| n-Propylbenzene                | 5.00                 | U                       | 5.90              | 5.34               | 118          | 107           | 1        | 31.0-154         |              |               | 9.96     | 28              |
| Styrene                        | 5.00                 | U                       | 5.58              | 5.78               | 112          | 116           | 1        | 33.0-155         |              |               | 3.52     | 28              |
| 1,1,1,2-Tetrachloroethane      | 5.00                 | U                       | 7.13              | 7.15               | 143          | 143           | 1        | 36.0-151         |              |               | 0.280    | 29              |
| 1,1,2,2-Tetrachloroethane      | 5.00                 | U                       | 4.88              | 4.95               | 97.6         | 99.0          | 1        | 33.0-150         |              |               | 1.42     | 28              |
| 1,1,2-Trichlorotrifluoroethane | 5.00                 | U                       | 7.34              | 7.14               | 147          | 143           | 1        | 23.0-160         |              |               | 2.76     | 30              |
| Tetrachloroethene              | 5.00                 | U                       | 7.80              | 7.97               | 156          | 159           | 1        | 10.0-160         |              |               | 2.16     | 27              |
| Toluene                        | 5.00                 | U                       | 16.5              | 8.93               | 330          | 179           | 1        | 26.0-154         | J5           | J3 J5         | 59.5     | 28              |
| 1,2,3-Trichlorobenzene         | 5.00                 | U                       | 4.71              | 5.38               | 94.2         | 108           | 1        | 17.0-150         |              |               | 13.3     | 36              |
| 1,2,4-Trichlorobenzene         | 5.00                 | U                       | 5.06              | 5.50               | 101          | 110           | 1        | 24.0-150         |              |               | 8.33     | 33              |
| 1,1,1-Trichloroethane          | 5.00                 | U                       | 7.45              | 7.17               | 149          | 143           | 1        | 23.0-160         |              |               | 3.83     | 28              |
| 1,1,2-Trichloroethane          | 5.00                 | U                       | 6.22              | 6.34               | 124          | 127           | 1        | 35.0-147         |              |               | 1.91     | 27              |
| Trichloroethene                | 5.00                 | U                       | 6.97              | 7.06               | 139          | 141           | 1        | 10.0-160         |              |               | 1.28     | 25              |
| Trichlorofluoromethane         | 5.00                 | U                       | 8.47              | 8.33               | 169          | 167           | 1        | 17.0-160         | J5           | J5            | 1.67     | 31              |
| 1,2,3-Trichloropropane         | 5.00                 | U                       | 5.89              | 6.00               | 118          | 120           | 1        | 34.0-151         |              |               | 1.85     | 29              |
| 1,2,4-Trimethylbenzene         | 5.00                 | U                       | 16.1              | 7.60               | 322          | 152           | 1        | 26.0-154         | J5           | J3            | 71.7     | 27              |
| 1,2,3-Trimethylbenzene         | 5.00                 | U                       | 8.40              | 6.18               | 168          | 124           | 1        | 32.0-149         | J5           | J3            | 30.5     | 28              |
| 1,3,5-Trimethylbenzene         | 5.00                 | U                       | 8.22              | 6.18               | 164          | 124           | 1        | 28.0-153         | J5           | J3            | 28.3     | 27              |
| Vinyl chloride                 | 5.00                 | U                       | 5.56              | 5.39               | 111          | 108           | 1        | 10.0-160         |              |               | 3.11     | 27              |
| Xylenes, Total                 | 15.0                 | U                       | 39.5              | 24.5               | 263          | 163           | 1        | 29.0-154         | J5           | J3 J5         | 46.9     | 28              |
| (S) Toluene-d8                 |                      |                         |                   |                    | 104          | 105           |          | 80.0-120         |              |               |          |                 |
| (S) 4-Bromofluorobenzene       |                      |                         |                   |                    | 105          | 102           |          | 77.0-126         |              |               |          |                 |
| (S) 1,2-Dichloroethane-d4      |                      |                         |                   |                    | 108          | 102           |          | 70.0-130         |              |               |          |                 |

1  
Cp

2  
Tc

3  
Ss

4  
Cn

5  
Sr

6  
Qc

7  
Gl

8  
Al

9  
Sc

Method Blank (MB)

(MB) R4039049-1 02/27/24 20:23

| Analyte                       | MB Result<br>ug/l | MB Qualifier | MB MDL<br>ug/l | MB RDL<br>ug/l |
|-------------------------------|-------------------|--------------|----------------|----------------|
| Diesel Range Organics (DRO)   | U                 |              | 33.3           | 100            |
| Residual Range Organics (RRO) | U                 |              | 83.3           | 250            |
| (S) o-Terphenyl               | 87.0              |              |                | 31.0-160       |

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

(LCS) R4039049-2 02/27/24 20:43 • (LCSD) R4039049-3 02/27/24 21:04

| Analyte                     | Spike Amount<br>ug/l | LCS Result<br>ug/l | LCSD Result<br>ug/l | LCS Rec.<br>% | LCSD Rec.<br>% | Rec. Limits<br>% | LCS Qualifier | LCSD Qualifier | RPD<br>% | RPD Limits<br>% |
|-----------------------------|----------------------|--------------------|---------------------|---------------|----------------|------------------|---------------|----------------|----------|-----------------|
| Diesel Range Organics (DRO) | 1500                 | 1130               | 1230                | 75.3          | 82.0           | 50.0-150         |               |                | 8.47     | 20              |
| (S) o-Terphenyl             |                      |                    |                     | 57.5          | 60.0           | 31.0-160         |               |                |          |                 |

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4038744-3 02/26/24 11:28

| Analyte                | MB Result<br>ug/l | MB Qualifier | MB MDL<br>ug/l | MB RDL<br>ug/l |
|------------------------|-------------------|--------------|----------------|----------------|
| Anthracene             | U                 |              | 0.0190         | 0.0500         |
| Acenaphthene           | U                 |              | 0.0190         | 0.0500         |
| Acenaphthylene         | U                 |              | 0.0171         | 0.0500         |
| Benzo(a)anthracene     | U                 |              | 0.0203         | 0.0500         |
| Benzo(a)pyrene         | U                 |              | 0.0184         | 0.0500         |
| Benzo(b)fluoranthene   | U                 |              | 0.0168         | 0.0500         |
| Benzo(g,h,i)perylene   | U                 |              | 0.0184         | 0.0500         |
| Benzo(k)fluoranthene   | U                 |              | 0.0202         | 0.0500         |
| Chrysene               | U                 |              | 0.0179         | 0.0500         |
| Dibenz(a,h)anthracene  | U                 |              | 0.0160         | 0.0500         |
| Fluoranthene           | U                 |              | 0.0270         | 0.100          |
| Fluorene               | U                 |              | 0.0169         | 0.0500         |
| Indeno(1,2,3-cd)pyrene | U                 |              | 0.0158         | 0.0500         |
| Naphthalene            | U                 |              | 0.0917         | 0.250          |
| Phenanthrene           | U                 |              | 0.0180         | 0.0500         |
| Pyrene                 | U                 |              | 0.0169         | 0.0500         |
| 1-Methylnaphthalene    | U                 |              | 0.0687         | 0.250          |
| 2-Methylnaphthalene    | U                 |              | 0.0674         | 0.250          |
| 2-Chloronaphthalene    | U                 |              | 0.0682         | 0.250          |
| (S) Nitrobenzene-d5    | 84.0              |              |                | 31.0-160       |
| (S) 2-Fluorobiphenyl   | 102               |              |                | 48.0-148       |
| (S) p-Terphenyl-d14    | 95.0              |              |                | 37.0-146       |

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

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

(LCS) R4038744-1 02/26/24 10:53 • (LCSD) R4038744-2 02/26/24 11:10

| Analyte               | Spike Amount<br>ug/l | LCS Result<br>ug/l | LCSD Result<br>ug/l | LCS Rec.<br>% | LCSD Rec.<br>% | Rec. Limits<br>% | LCS Qualifier | LCSD Qualifier | RPD<br>% | RPD Limits<br>% |
|-----------------------|----------------------|--------------------|---------------------|---------------|----------------|------------------|---------------|----------------|----------|-----------------|
| Anthracene            | 2.00                 | 2.10               | 1.91                | 105           | 95.5           | 67.0-150         |               |                | 9.48     | 20              |
| Acenaphthene          | 2.00                 | 1.97               | 1.83                | 98.5          | 91.5           | 65.0-138         |               |                | 7.37     | 20              |
| Acenaphthylene        | 2.00                 | 2.15               | 1.97                | 107           | 98.5           | 66.0-140         |               |                | 8.74     | 20              |
| Benzo(a)anthracene    | 2.00                 | 1.98               | 1.91                | 99.0          | 95.5           | 61.0-140         |               |                | 3.60     | 20              |
| Benzo(a)pyrene        | 2.00                 | 1.86               | 1.77                | 93.0          | 88.5           | 60.0-143         |               |                | 4.96     | 20              |
| Benzo(b)fluoranthene  | 2.00                 | 1.90               | 1.81                | 95.0          | 90.5           | 58.0-141         |               |                | 4.85     | 20              |
| Benzo(g,h,i)perylene  | 2.00                 | 1.80               | 1.70                | 90.0          | 85.0           | 52.0-153         |               |                | 5.71     | 20              |
| Benzo(k)fluoranthene  | 2.00                 | 1.87               | 1.78                | 93.5          | 89.0           | 58.0-148         |               |                | 4.93     | 20              |
| Chrysene              | 2.00                 | 2.09               | 1.99                | 104           | 99.5           | 64.0-144         |               |                | 4.90     | 20              |
| Dibenz(a,h)anthracene | 2.00                 | 1.81               | 1.68                | 90.5          | 84.0           | 52.0-155         |               |                | 7.45     | 20              |
| Fluoranthene          | 2.00                 | 2.28               | 2.10                | 114           | 105            | 69.0-153         |               |                | 8.22     | 20              |

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

(LCS) R4038744-1 02/26/24 10:53 • (LCSD) R4038744-2 02/26/24 11:10

| Analyte                | Spike Amount<br>ug/l | LCS Result<br>ug/l | LCSD Result<br>ug/l | LCS Rec.<br>% | LCSD Rec.<br>% | Rec. Limits<br>% | <u>LCS Qualifier</u> | <u>LCSD Qualifier</u> | RPD<br>% | RPD Limits<br>% |
|------------------------|----------------------|--------------------|---------------------|---------------|----------------|------------------|----------------------|-----------------------|----------|-----------------|
| Fluorene               | 2.00                 | 2.17               | 1.96                | 108           | 98.0           | 64.0-136         |                      |                       | 10.2     | 20              |
| Indeno(1,2,3-cd)pyrene | 2.00                 | 1.74               | 1.61                | 87.0          | 80.5           | 54.0-153         |                      |                       | 7.76     | 20              |
| Naphthalene            | 2.00                 | 2.08               | 1.96                | 104           | 98.0           | 61.0-137         |                      |                       | 5.94     | 20              |
| Phenanthrene           | 2.00                 | 2.09               | 1.98                | 104           | 99.0           | 62.0-137         |                      |                       | 5.41     | 20              |
| Pyrene                 | 2.00                 | 2.08               | 1.98                | 104           | 99.0           | 60.0-142         |                      |                       | 4.93     | 20              |
| 1-Methylnaphthalene    | 2.00                 | 2.21               | 2.10                | 111           | 105            | 66.0-142         |                      |                       | 5.10     | 20              |
| 2-Methylnaphthalene    | 2.00                 | 2.13               | 2.04                | 106           | 102            | 62.0-136         |                      |                       | 4.32     | 20              |
| 2-Chloronaphthalene    | 2.00                 | 2.17               | 2.00                | 108           | 100            | 64.0-140         |                      |                       | 8.15     | 20              |
| (S) Nitrobenzene-d5    |                      |                    |                     | 83.5          | 90.0           | 31.0-160         |                      |                       |          |                 |
| (S) 2-Fluorobiphenyl   |                      |                    |                     | 100           | 91.0           | 48.0-148         |                      |                       |          |                 |
| (S) p-Terphenyl-d14    |                      |                    |                     | 87.5          | 84.0           | 37.0-146         |                      |                       |          |                 |

1

Cp

2

Tc

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Ss

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Cn

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Sr

6

Qc

7

Gl

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Al

9

Sc

# GLOSSARY OF TERMS

## Guide to Reading and Understanding Your Laboratory Report

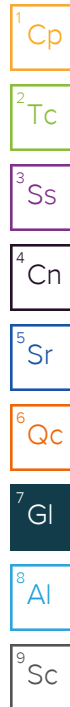
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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

## Abbreviations and Definitions

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

| Qualifier | Description                                                                                                                                                     |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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. |
| 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.                                                          |
| T8        | Sample(s) received past/too close to holding time expiration.                                                                                                   |



# ACCREDITATIONS & LOCATIONS

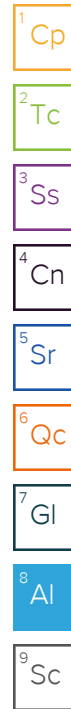
## Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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

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

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

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



| Agency, Authorized Purchaser or Agent:<br>GSI Water Solutions for ODEQ                                                                                                                                   |                 |                 |        |                      |  | State of Oregon Chain of Custody                                                                                                                                       |                           |                              |                      |                                            |                       |                                                                                                                                                                                   |  | Contract Laboratory Name: |  | Lab Selection Criteria:                                                     |  | Turn Around Time: |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|--------|----------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------------------|----------------------|--------------------------------------------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------|--|-----------------------------------------------------------------------------|--|-------------------|--|
| Send Lab Report To: Ellen Woods<br>Address: 700 NE Multnomah Street, Suite 600<br>Portland, OR 97232-4100<br><br>Tel #: 541-606-0490<br>Email: ellen.woods@deq.or.gov, rernst@gsws.com, bwarnar@gsws.com |                 |                 |        |                      |  | Pace Analytical National<br>Lab Batch #:<br>Invoice: ODEQ/Business Office<br>700 NE Multnomah Street, Suite 600<br>Portland, OR 97232<br>Email: DEQEXP@deq.state.or.us |                           |                              |                      |                                            |                       | Proximity (if TAT < 48 hrs)<br>Prior work on same project<br>Cost (for anticipated analyses)<br>Other labs disqualified or unable to perform requested services<br>Emergency work |  |                           |  | 10 days (std.)<br>5 days<br>72 hours<br>48 hours<br>24 hours<br>Other _____ |  |                   |  |
| Project Name: Roth Building                                                                                                                                                                              |                 |                 |        |                      |  |                                                                                                                                                                        |                           |                              |                      |                                            |                       |                                                                                                                                                                                   |  |                           |  |                                                                             |  |                   |  |
| Project #: 2060.012.008                                                                                                                                                                                  |                 |                 |        |                      |  |                                                                                                                                                                        |                           |                              |                      |                                            |                       |                                                                                                                                                                                   |  |                           |  |                                                                             |  |                   |  |
| Sampler Name: B. Warner, R. Kemp                                                                                                                                                                         |                 |                 |        |                      |  |                                                                                                                                                                        |                           |                              |                      |                                            |                       |                                                                                                                                                                                   |  |                           |  |                                                                             |  |                   |  |
|                                                                                                                                                                                                          |                 |                 |        |                      |  | Sample Preservative                                                                                                                                                    |                           |                              |                      |                                            |                       |                                                                                                                                                                                   |  |                           |  |                                                                             |  |                   |  |
|                                                                                                                                                                                                          |                 |                 |        |                      |  | Solids: Liquids                                                                                                                                                        | Solids: Liquids           | Solids: Liquids              | Solids: Liquids      |                                            |                       |                                                                                                                                                                                   |  |                           |  |                                                                             |  |                   |  |
|                                                                                                                                                                                                          |                 |                 |        |                      |  | Requested Analyses                                                                                                                                                     |                           |                              |                      |                                            |                       |                                                                                                                                                                                   |  |                           |  |                                                                             |  |                   |  |
| Sample ID#                                                                                                                                                                                               | Collection Date | Collection Time | Matrix | Number of Containers |  | TPH Gasoline by NMTPH-Ox                                                                                                                                               | TPH as Diesel by NMTPH-Ox | VOCs (Full List) by EPA8260D | PAHs by EPA8270E-SIM | Dissolved Pb by EPA 6020B (Field Filtered) | Total Pb by EPA 6020B | GRO and VOCs by EPA TO-15                                                                                                                                                         |  |                           |  |                                                                             |  |                   |  |
| P4-S1                                                                                                                                                                                                    | 1/30/24         | 1510            | S      | 2                    |  |                                                                                                                                                                        |                           |                              |                      |                                            |                       |                                                                                                                                                                                   |  |                           |  |                                                                             |  | L1707652          |  |
| P4-S2                                                                                                                                                                                                    |                 | 1515            | S      | 2                    |  | X                                                                                                                                                                      | X                         | X                            |                      |                                            |                       |                                                                                                                                                                                   |  |                           |  |                                                                             |  | Comments L1701825 |  |
| P4-S3                                                                                                                                                                                                    |                 | 1520            | S      | 2                    |  | X                                                                                                                                                                      | X                         | X                            |                      |                                            |                       |                                                                                                                                                                                   |  |                           |  |                                                                             |  | AU                |  |
| <del>P4-S4</del>                                                                                                                                                                                         |                 | 1525            | S      | 2                    |  |                                                                                                                                                                        |                           |                              |                      |                                            |                       |                                                                                                                                                                                   |  |                           |  |                                                                             |  | 2/24/24           |  |
| P1                                                                                                                                                                                                       |                 | 1705            | W      | 12                   |  | X                                                                                                                                                                      | X                         | X                            | X                    | X                                          |                       |                                                                                                                                                                                   |  |                           |  |                                                                             |  |                   |  |
| P2                                                                                                                                                                                                       |                 | 1300            | W      | 12                   |  | X                                                                                                                                                                      | X                         | X                            | X                    | X                                          |                       |                                                                                                                                                                                   |  |                           |  |                                                                             |  |                   |  |
| P3                                                                                                                                                                                                       |                 | 1415            | W      | 12                   |  | X                                                                                                                                                                      | X                         | X                            | X                    | X                                          |                       |                                                                                                                                                                                   |  |                           |  |                                                                             |  |                   |  |
| P4                                                                                                                                                                                                       |                 | 1520            | W      | 12                   |  | X                                                                                                                                                                      | X                         | X                            | X                    | X                                          |                       |                                                                                                                                                                                   |  |                           |  |                                                                             |  |                   |  |
| MW-1                                                                                                                                                                                                     |                 | 1610            | W      | 12                   |  | X                                                                                                                                                                      | X                         | X                            | X                    | X                                          |                       |                                                                                                                                                                                   |  |                           |  |                                                                             |  |                   |  |
| P1-D                                                                                                                                                                                                     |                 | 1206            | W      | 12                   |  | X                                                                                                                                                                      | X                         | X                            | X                    | X                                          |                       |                                                                                                                                                                                   |  |                           |  |                                                                             |  |                   |  |
| P1-S1-D                                                                                                                                                                                                  |                 | 1151            | W      | 2                    |  |                                                                                                                                                                        |                           |                              |                      |                                            |                       |                                                                                                                                                                                   |  |                           |  |                                                                             |  |                   |  |
| P3-S4-D                                                                                                                                                                                                  |                 | 1416            | S      | 2                    |  | X                                                                                                                                                                      | X                         | X                            | X                    |                                            |                       |                                                                                                                                                                                   |  |                           |  |                                                                             |  |                   |  |
| RINSE                                                                                                                                                                                                    | 1625            | 1645            | W      | 12                   |  |                                                                                                                                                                        |                           |                              |                      |                                            |                       |                                                                                                                                                                                   |  |                           |  |                                                                             |  |                   |  |
| SUI                                                                                                                                                                                                      |                 | 1117            | G      | 1                    |  | X                                                                                                                                                                      | X                         | X                            | X                    |                                            |                       | X                                                                                                                                                                                 |  |                           |  |                                                                             |  |                   |  |
| NOTES: Contact Rick Ernst (503 708 5945, rernst@gsws.com) or Braedon Warner (208 991 6713) with questions. Include DEQ EDD with final lab report.                                                        |                 |                 |        |                      |  |                                                                                                                                                                        |                           |                              |                      |                                            |                       |                                                                                                                                                                                   |  |                           |  |                                                                             |  |                   |  |
| Retain non-analyzed samples on hold.                                                                                                                                                                     |                 |                 |        |                      |  |                                                                                                                                                                        |                           |                              |                      |                                            |                       |                                                                                                                                                                                   |  |                           |  |                                                                             |  |                   |  |
| Relinquished By: Riley Salzwedel-Kemp                                                                                                                                                                    |                 |                 |        |                      |  | Agency/Agent: GSI Water Solutions                                                                                                                                      |                           |                              |                      |                                            |                       | Received By:                                                                                                                                                                      |  |                           |  |                                                                             |  |                   |  |
| Signature: [Signature]                                                                                                                                                                                   |                 |                 |        |                      |  | Time & Date: 8:10 am 2/1/2024                                                                                                                                          |                           |                              |                      |                                            |                       | Signature:                                                                                                                                                                        |  |                           |  |                                                                             |  | Agency/Agent:     |  |
| Relinquished By:                                                                                                                                                                                         |                 |                 |        |                      |  | Agency/Agent:                                                                                                                                                          |                           |                              |                      |                                            |                       | Received By:                                                                                                                                                                      |  |                           |  |                                                                             |  | Time & Date:      |  |
| Signature:                                                                                                                                                                                               |                 |                 |        |                      |  | Time & Date:                                                                                                                                                           |                           |                              |                      |                                            |                       | Signature: Christopher H. Sellen                                                                                                                                                  |  |                           |  |                                                                             |  | Agency/Agent:     |  |
|                                                                                                                                                                                                          |                 |                 |        |                      |  |                                                                                                                                                                        |                           |                              |                      |                                            |                       | Time & Date: 2/2/24 0900                                                                                                                                                          |  |                           |  |                                                                             |  |                   |  |

THIS PURCHASE IS SUBMITTED PURSUANT TO STATE OF OREGON SOLICITATION #162-1995-07 AND PRICE AGREEMENT # 8903. THE PRICE AGREEMENT INCLUDING CONTRACT TERMS AND CONDITIONS AND SPECIAL CONTRACT TERMS AND CONDITIONS (ITS & CS) CONTAINED IN THE PRICE AGREEMENT ARE HEREBY INCORPORATED BY REFERENCE AND SHALL APPLY TO THIS PURCHASE AND SHALL TAKE PRECEDENCE OVER ALL OTHER CONFLICTING TS AND CS, EXPRESS OR IMPLIED.

L1701885 OREGONDEQ re-log

R5

Please re-log for TRIP which is a Trip Blank for V8260 as R5 due 02/27.

Please log L1701885-37 (RINSE) for NWTPHGX, NWTPHDXNOSGT, V8260, PAHSIMLVI.

Time estimate: oh

Time spent: oh

Members

BF Brian Ford