eurofins | Environment Testing

# ANALYTICAL REPORT

## PREPARED FOR

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## JOB DESCRIPTION

INTERA - Red-Hill-Incident
Site S1 625.1, 8015B_DRO/_GRO, 8260B

## JOB NUMBER

380-243679-1

Eurofins Pomona
941 Corporate Center Drive
Pomona CA 91768-2642

See page two for job notes and contact information.





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## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Drinking Water and Wastewater West, LLC Project Manager.

## Compliance Statement

1. Laboratory is accredited in accordance with TNI 2016 Standards and ISO/IEC 17025:2017.
2. Laboratory certifies that the test results meet all TNI 2016 and ISO/IEC 17025:2017 requirements unless noted under the individual analysis
3. Test results relate only to the sample(s) tested.
4. This report shall not be reproduced except in full, without the written approval of the laboratory.
5. Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below. (DW,Water matrices)

## Authorization



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# Definitions/Glossary

Client: City & County of Honolulu
Project/Site: INTERA - Red-Hill-Incident

Job ID: 380-243679-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

## Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|---|---|
| ☼ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| PRES | Presumptive |
| QC | Quality Control |
| RER | Relative Error Ratio (Radiochemistry) |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |

## Job ID: 380-243679-1 — Eurofins Pomona

**Job Narrative**
**380-243679-1**

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

**Receipt**
The samples were received on 10/22/2026 10:05 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.7°C.

**Receipt Exceptions**
The following sample was received at Tustin with headspace in the sample container: 1 of 8 vials received with headspace (1E): BWS2153-S1-AQ (380-243679-1).

**GC/MS VOA**
Method 8260B: The continuing calibration verification (CCV) associated with batch 570-822199 recovered above the upper control limit for Ethanol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are:BWS2153-S1-TB (380-243679-2), BWS2153-S1-FB (380-243679-3) and (CCVIS 570-822199/2).

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-822199. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-822597. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-823553. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

**GC/MS Semi VOA**
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

**Gasoline Range Organics**
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

**Diesel Range Organics**
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

# Detection Summary

Client: City & County of Honolulu
Project/Site: INTERA - Red-Hill-Incident

Job ID: 380-243679-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

## Client Sample ID: BWS2153-S1-AQ — Lab Sample ID: 380-243679-1

No Detections.

## Client Sample ID: BWS2153-S1-TB — Lab Sample ID: 380-243679-2

No Detections.

## Client Sample ID: BWS2153-S1-FB — Lab Sample ID: 380-243679-3

No Detections.

This Detection Summary does not include radiochemical test results.

Client: City & County of Honolulu
Project/Site: INTERA - Red-Hill-Incident

Job ID: 380-243679-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

**Client Sample ID: BWS2153-S1-AQ**
**Date Collected: 10/21/26 09:30**
**Date Received: 10/22/26 10:05**

**Lab Sample ID: 380-243679-1**
**Matrix: Water**

**Method: SW846 8260B - Volatile Organic Compounds (GC/MS)**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | <2.0 | | 2.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| 1,1,1-Trichloroethane | <1.0 | | 1.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| 1,1,2,2-Tetrachloroethane | <1.0 | | 1.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <10 | | 10 | | ug/L | | | 10/29/26 21:40 | 1 |
| 1,1,2-Trichloroethane | <1.0 | | 1.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| 1,1-Dichloroethane | <1.0 | | 1.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| 1,1-Dichloroethene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| 1,1-Dichloropropene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| 1,2,3-Trichlorobenzene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| 1,2,3-Trichloropropane | <5.0 | | 5.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| 1,2,4-Trichlorobenzene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| 1,2,4-Trimethylbenzene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| 1,2-Dibromo-3-Chloropropane | <10 | | 10 | | ug/L | | | 10/29/26 21:40 | 1 |
| 1,2-Dichlorobenzene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| 1,2-Dichloroethane | <0.50 | | 0.50 | | ug/L | | | 10/29/26 21:40 | 1 |
| 1,2-Dichloropropane | <1.0 | | 1.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| 1,3,5-Trimethylbenzene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| 1,3-Dichlorobenzene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| 1,3-Dichloropropane | <1.0 | | 1.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| 1,4-Dichlorobenzene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| 2,2-Dichloropropane | <1.0 | | 1.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| 2-Butanone | <10 | | 10 | | ug/L | | | 10/29/26 21:40 | 1 |
| 2-Chlorotoluene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| 2-Hexanone | <10 | | 10 | | ug/L | | | 10/29/26 21:40 | 1 |
| 4-Chlorotoluene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| Acetone | <10 | | 10 | | ug/L | | | 10/29/26 21:40 | 1 |
| Benzene | <0.50 | | 0.50 | | ug/L | | | 10/29/26 21:40 | 1 |
| Bromobenzene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| Bromochloromethane | <2.0 | | 2.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| Bromodichloromethane | <1.0 | | 1.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| Bromoform | <5.0 | | 5.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| Bromomethane | <10 | | 10 | | ug/L | | | 10/29/26 21:40 | 1 |
| Carbon disulfide | <10 | | 10 | | ug/L | | | 10/29/26 21:40 | 1 |
| Carbon tetrachloride | <0.50 | | 0.50 | | ug/L | | | 10/29/26 21:40 | 1 |
| Chlorobenzene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| Chloroethane | <5.0 | | 5.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| Chloroform | <1.0 | | 1.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| Chloromethane | <10 | | 10 | | ug/L | | | 10/29/26 21:40 | 1 |
| cis-1,2-Dichloroethene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| cis-1,3-Dichloropropene | <0.50 | | 0.50 | | ug/L | | | 10/29/26 21:40 | 1 |
| Dibromochloromethane | <2.0 | | 2.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| Dibromomethane | <1.0 | | 1.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| Dichlorodifluoromethane | <5.0 | | 5.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| Diethyl ether | <10 | | 10 | | ug/L | | | 10/29/26 21:40 | 1 |
| Di-isopropyl ether (DIPE) | <2.0 | | 2.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| Ethanol | <100 | | 100 | | ug/L | | | 10/29/26 21:40 | 1 |
| Ethylbenzene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| Ethylene Dibromide | <1.0 | | 1.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| Ethyl-t-butyl ether (ETBE) | <2.0 | | 2.0 | | ug/L | | | 10/29/26 21:40 | 1 |

Client: City & County of Honolulu
Project/Site: INTERA - Red-Hill-Incident

Job ID: 380-243679-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

**Client Sample ID: BWS2153-S1-AQ**
**Date Collected: 10/21/26 09:30**
**Date Received: 10/22/26 10:05**

**Lab Sample ID: 380-243679-1**
**Matrix: Water**

### Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Hexachloro-1,3-butadiene | <10 | | 10 | | ug/L | | | 10/29/26 21:40 | 1 |
| Hexane | <5.0 | | 5.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| Isobutyl alcohol | <75 | | 75 | | ug/L | | | 10/29/26 21:40 | 1 |
| Isopropanol | <75 | | 75 | | ug/L | | | 10/29/26 21:40 | 1 |
| Isopropylbenzene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| m,p-Xylene | <2.0 | | 2.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| Methylene Chloride | <10 | | 10 | | ug/L | | | 10/29/26 21:40 | 1 |
| Methyl-t-Butyl Ether (MTBE) | <1.0 | | 1.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| MIBK | <10 | | 10 | | ug/L | | | 10/29/26 21:40 | 1 |
| Naphthalene | <10 | | 10 | | ug/L | | | 10/29/26 21:40 | 1 |
| n-Butylbenzene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| N-Propylbenzene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| o-Xylene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| p-Isopropyltoluene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| sec-Butylbenzene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| Styrene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| tert-Amyl alcohol | <50 | | 50 | | ug/L | | | 10/29/26 21:40 | 1 |
| Tert-amyl-methyl ether (TAME) | <2.0 | | 2.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| tert-Butyl alcohol (TBA) | <10 | | 10 | | ug/L | | | 10/29/26 21:40 | 1 |
| tert-Butylbenzene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| Tetrachloroethene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| Toluene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| trans-1,2-Dichloroethene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| trans-1,3-Dichloropropene | <0.50 | | 0.50 | | ug/L | | | 10/29/26 21:40 | 1 |
| Trichloroethene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 21:40 | 1 |
| Trichlorofluoromethane | <10 | | 10 | | ug/L | | | 10/29/26 21:40 | 1 |
| Vinyl acetate | <10 | | 10 | | ug/L | | | 10/29/26 21:40 | 1 |
| Vinyl chloride | <0.50 | | 0.50 | | ug/L | | | 10/29/26 21:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *109* | | *77 - 124* | | *10/29/26 21:40* | *1* |
| *4-Bromofluorobenzene (Surr)* | *98* | | *80 - 120* | | *10/29/26 21:40* | *1* |
| *Dibromofluoromethane (Surr)* | *102* | | *80 - 120* | | *10/29/26 21:40* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | | *10/29/26 21:40* | *1* |

### Method: EPA 625.1 SIM - Semivolatile Organic Compounds GC/MS (SIM)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | <0.19 | | 0.19 | | ug/L | | 10/27/26 19:31 | 10/31/26 01:00 | 1 |
| 2-Methylnaphthalene | <0.19 | | 0.19 | | ug/L | | 10/27/26 19:31 | 10/31/26 01:00 | 1 |
| Acenaphthene | <0.19 | | 0.19 | | ug/L | | 10/27/26 19:31 | 10/31/26 01:00 | 1 |
| Acenaphthylene | <0.19 | | 0.19 | | ug/L | | 10/27/26 19:31 | 10/31/26 01:00 | 1 |
| Anthracene | <0.19 | | 0.19 | | ug/L | | 10/27/26 19:31 | 10/31/26 01:00 | 1 |
| Benzo[a]anthracene | <0.19 | | 0.19 | | ug/L | | 10/27/26 19:31 | 10/31/26 01:00 | 1 |
| Benzo[a]pyrene | <0.19 | | 0.19 | | ug/L | | 10/27/26 19:31 | 10/31/26 01:00 | 1 |
| Benzo[b]fluoranthene | <0.19 | | 0.19 | | ug/L | | 10/27/26 19:31 | 10/31/26 01:00 | 1 |
| Benzo[g,h,i]perylene | <0.19 | | 0.19 | | ug/L | | 10/27/26 19:31 | 10/31/26 01:00 | 1 |
| Benzo[k]fluoranthene | <0.19 | | 0.19 | | ug/L | | 10/27/26 19:31 | 10/31/26 01:00 | 1 |
| Chrysene | <0.19 | | 0.19 | | ug/L | | 10/27/26 19:31 | 10/31/26 01:00 | 1 |
| Dibenz(a,h)anthracene | <0.19 | | 0.19 | | ug/L | | 10/27/26 19:31 | 10/31/26 01:00 | 1 |
| Fluoranthene | <0.19 | | 0.19 | | ug/L | | 10/27/26 19:31 | 10/31/26 01:00 | 1 |

## Client Sample ID: BWS2153-S1-AQ

**Lab Sample ID: 380-243679-1**

**Date Collected: 10/21/26 09:30**
**Matrix: Water**
**Date Received: 10/22/26 10:05**

### Method: EPA 625.1 SIM - Semivolatile Organic Compounds GC/MS (SIM) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Fluorene | <0.19 | | 0.19 | | ug/L | | 10/27/26 19:31 | 10/31/26 01:00 | 1 |
| Indeno[1,2,3-cd]pyrene | <0.19 | | 0.19 | | ug/L | | 10/27/26 19:31 | 10/31/26 01:00 | 1 |
| Naphthalene | <0.19 | | 0.19 | | ug/L | | 10/27/26 19:31 | 10/31/26 01:00 | 1 |
| Phenanthrene | <0.19 | | 0.19 | | ug/L | | 10/27/26 19:31 | 10/31/26 01:00 | 1 |
| Pyrene | <0.19 | | 0.19 | | ug/L | | 10/27/26 19:31 | 10/31/26 01:00 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2,4,6-Tribromophenol (Surr)* | *74* | | *28 - 127* | *10/27/26 19:31* | *10/31/26 01:00* | *1* |
| *2-Fluorobiphenyl (Surr)* | *62* | | *31 - 120* | *10/27/26 19:31* | *10/31/26 01:00* | *1* |
| *2-Fluorophenol (Surr)* | *45* | | *17 - 120* | *10/27/26 19:31* | *10/31/26 01:00* | *1* |
| *Nitrobenzene-d5 (Surr)* | *73* | | *27 - 120* | *10/27/26 19:31* | *10/31/26 01:00* | *1* |
| *Phenol-d6 (Surr)* | *25* | | *10 - 120* | *10/27/26 19:31* | *10/31/26 01:00* | *1* |
| *p-Terphenyl-d14 (Surr)* | *86* | | *45 - 120* | *10/27/26 19:31* | *10/31/26 01:00* | *1* |

### Method: EPA 625.1 - Semivolatile Organic Compounds (GC/MS)

| *Tentatively Identified Compound* | *Est. Result* | *Qualifier* | *Unit* | *D* | *RT* | *CAS No.* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|---|---|---|
| *Tentatively Identified Compound* | *None* | | *ug/L* | | | *N/A* | *10/27/26 19:31* | *11/02/26 20:54* | *1* |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2,4,6-Tribromophenol (Surr)* | *48* | | *33 - 139* | *10/27/26 19:31* | *11/02/26 20:54* | *1* |
| *2-Fluorobiphenyl (Surr)* | *68* | | *33 - 126* | *10/27/26 19:31* | *11/02/26 20:54* | *1* |
| *2-Fluorophenol (Surr)* | *41* | | *12 - 120* | *10/27/26 19:31* | *11/02/26 20:54* | *1* |
| *Nitrobenzene-d5 (Surr)* | *65* | | *36 - 120* | *10/27/26 19:31* | *11/02/26 20:54* | *1* |
| *Phenol-d6 (Surr)* | *24* | | *10 - 120* | *10/27/26 19:31* | *11/02/26 20:54* | *1* |
| *p-Terphenyl-d14 (Surr)* | *89* | | *47 - 131* | *10/27/26 19:31* | *11/02/26 20:54* | *1* |

### Method: SW846 8015B GRO LL - Gasoline Range Organics - (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| GRO (C6-C10) | <10 | | 10 | | ug/L | | | 10/29/26 22:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *101* | | *38 - 134* | | *10/29/26 22:04* | *1* |

### Method: SW846 8015B - Diesel Range Organics (DRO) (GC) Low Level

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics (C10-C24) | <25 | | 25 | | ug/L | | 10/25/26 09:41 | 10/31/26 19:54 | 1 |
| Motor Oil Range Organics [C24-C36] | <25 | | 25 | | ug/L | | 10/25/26 09:41 | 10/31/26 19:54 | 1 |
| C8-C18 | <25 | | 25 | | ug/L | | 10/25/26 09:41 | 10/31/26 19:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *111* | | *60 - 130* | *10/25/26 09:41* | *10/31/26 19:54* | *1* |

## Client Sample ID: BWS2153-S1-TB

**Lab Sample ID: 380-243679-2**

**Date Collected: 10/21/26 09:30**
**Matrix: Water**
**Date Received: 10/22/26 10:05**

### Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | <2.0 | | 2.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| 1,1,1-Trichloroethane | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| 1,1,2,2-Tetrachloroethane | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:30 | 1 |

Client: City & County of Honolulu
Project/Site: INTERA - Red-Hill-Incident

Job ID: 380-243679-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

**Client Sample ID: BWS2153-S1-TB**
**Date Collected: 10/21/26 09:30**
**Date Received: 10/22/26 10:05**

**Lab Sample ID: 380-243679-2**
**Matrix: Water**

**Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <10 | | 10 | | ug/L | | | 10/27/26 18:30 | 1 |
| 1,1,2-Trichloroethane | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| 1,1-Dichloroethane | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| 1,1-Dichloroethene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| 1,1-Dichloropropene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| 1,2,3-Trichlorobenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| 1,2,3-Trichloropropane | <5.0 | | 5.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| 1,2,4-Trichlorobenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| 1,2,4-Trimethylbenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| 1,2-Dibromo-3-Chloropropane | <10 | | 10 | | ug/L | | | 10/27/26 18:30 | 1 |
| 1,2-Dichlorobenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| 1,2-Dichloroethane | <0.50 | | 0.50 | | ug/L | | | 10/27/26 18:30 | 1 |
| 1,2-Dichloropropane | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| 1,3,5-Trimethylbenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| 1,3-Dichlorobenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| 1,3-Dichloropropane | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| 1,4-Dichlorobenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| 2,2-Dichloropropane | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| 2-Butanone | <10 | | 10 | | ug/L | | | 10/27/26 18:30 | 1 |
| 2-Chlorotoluene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| 2-Hexanone | <10 | | 10 | | ug/L | | | 10/27/26 18:30 | 1 |
| 4-Chlorotoluene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| Benzene | <0.50 | | 0.50 | | ug/L | | | 10/27/26 18:30 | 1 |
| Bromobenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| Bromochloromethane | <2.0 | | 2.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| Bromodichloromethane | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| Bromoform | <5.0 | | 5.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| Bromomethane | <10 | | 10 | | ug/L | | | 10/27/26 18:30 | 1 |
| Carbon disulfide | <10 | | 10 | | ug/L | | | 10/27/26 18:30 | 1 |
| Carbon tetrachloride | <0.50 | | 0.50 | | ug/L | | | 10/27/26 18:30 | 1 |
| Chlorobenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| Chloroethane | <5.0 | | 5.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| Chloroform | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| Chloromethane | <10 | | 10 | | ug/L | | | 10/27/26 18:30 | 1 |
| cis-1,2-Dichloroethene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| cis-1,3-Dichloropropene | <0.50 | | 0.50 | | ug/L | | | 10/27/26 18:30 | 1 |
| Dibromochloromethane | <2.0 | | 2.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| Dibromomethane | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| Dichlorodifluoromethane | <5.0 | | 5.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| Diethyl ether | <10 | | 10 | | ug/L | | | 10/27/26 18:30 | 1 |
| Di-isopropyl ether (DIPE) | <2.0 | | 2.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| Ethanol | <100 | | 100 | | ug/L | | | 10/27/26 18:30 | 1 |
| Ethylbenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| Ethylene Dibromide | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| Ethyl-t-butyl ether (ETBE) | <2.0 | | 2.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| Hexachloro-1,3-butadiene | <10 | | 10 | | ug/L | | | 10/27/26 18:30 | 1 |
| Hexane | <5.0 | | 5.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| Isobutyl alcohol | <75 | | 75 | | ug/L | | | 10/27/26 18:30 | 1 |
| Isopropanol | <75 | | 75 | | ug/L | | | 10/27/26 18:30 | 1 |

Client: City & County of Honolulu
Project/Site: INTERA - Red-Hill-Incident

Job ID: 380-243679-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

**Client Sample ID: BWS2153-S1-TB**
**Date Collected: 10/21/26 09:30**
**Date Received: 10/22/26 10:05**

**Lab Sample ID: 380-243679-2**
**Matrix: Water**

### Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| m,p-Xylene | <2.0 | | 2.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| Methylene Chloride | <10 | | 10 | | ug/L | | | 10/27/26 18:30 | 1 |
| Methyl-t-Butyl Ether (MTBE) | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| MIBK | <10 | | 10 | | ug/L | | | 10/27/26 18:30 | 1 |
| Naphthalene | <10 | | 10 | | ug/L | | | 10/27/26 18:30 | 1 |
| n-Butylbenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| N-Propylbenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| o-Xylene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| p-Isopropyltoluene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| sec-Butylbenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| Styrene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| tert-Amyl alcohol | <50 | | 50 | | ug/L | | | 10/27/26 18:30 | 1 |
| Tert-amyl-methyl ether (TAME) | <2.0 | | 2.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| tert-Butyl alcohol (TBA) | <10 | | 10 | | ug/L | | | 10/27/26 18:30 | 1 |
| tert-Butylbenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| Tetrachloroethene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| Toluene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| trans-1,2-Dichloroethene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| trans-1,3-Dichloropropene | <0.50 | | 0.50 | | ug/L | | | 10/27/26 18:30 | 1 |
| Trichloroethene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:30 | 1 |
| Trichlorofluoromethane | <10 | | 10 | | ug/L | | | 10/27/26 18:30 | 1 |
| Vinyl acetate | <10 | | 10 | | ug/L | | | 10/27/26 18:30 | 1 |
| Vinyl chloride | <0.50 | | 0.50 | | ug/L | | | 10/27/26 18:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *106* | | *77 - 124* | | *10/27/26 18:30* | *1* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *80 - 120* | | *10/27/26 18:30* | *1* |
| *Dibromofluoromethane (Surr)* | *105* | | *80 - 120* | | *10/27/26 18:30* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *80 - 120* | | *10/27/26 18:30* | *1* |

### Method: SW846 8260B - Volatile Organic Compounds (GC/MS) - RA

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | <10 | | 10 | | ug/L | | | 10/28/26 13:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *107* | | *77 - 124* | | *10/28/26 13:40* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* | | *10/28/26 13:40* | *1* |
| *Dibromofluoromethane (Surr)* | *102* | | *80 - 120* | | *10/28/26 13:40* | *1* |
| *Toluene-d8 (Surr)* | *104* | | *80 - 120* | | *10/28/26 13:40* | *1* |

### Method: SW846 8015B GRO LL - Gasoline Range Organics - (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| GRO (C6-C10) | <10 | | 10 | | ug/L | | | 10/29/26 14:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *100* | | *38 - 134* | | *10/29/26 14:29* | *1* |

Client: City & County of Honolulu
Project/Site: INTERA - Red-Hill-Incident

Job ID: 380-243679-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

**Client Sample ID: BWS2153-S1-FB**
**Date Collected: 10/21/26 09:30**
**Date Received: 10/22/26 10:05**

**Lab Sample ID: 380-243679-3**
**Matrix: Water**

**Method: SW846 8260B - Volatile Organic Compounds (GC/MS)**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | <2.0 | | 2.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| 1,1,1-Trichloroethane | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| 1,1,2,2-Tetrachloroethane | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <10 | | 10 | | ug/L | | | 10/27/26 18:52 | 1 |
| 1,1,2-Trichloroethane | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| 1,1-Dichloroethane | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| 1,1-Dichloroethene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| 1,1-Dichloropropene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| 1,2,3-Trichlorobenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| 1,2,3-Trichloropropane | <5.0 | | 5.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| 1,2,4-Trichlorobenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| 1,2,4-Trimethylbenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| 1,2-Dibromo-3-Chloropropane | <10 | | 10 | | ug/L | | | 10/27/26 18:52 | 1 |
| 1,2-Dichlorobenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| 1,2-Dichloroethane | <0.50 | | 0.50 | | ug/L | | | 10/27/26 18:52 | 1 |
| 1,2-Dichloropropane | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| 1,3,5-Trimethylbenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| 1,3-Dichlorobenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| 1,3-Dichloropropane | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| 1,4-Dichlorobenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| 2,2-Dichloropropane | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| 2-Butanone | <10 | | 10 | | ug/L | | | 10/27/26 18:52 | 1 |
| 2-Chlorotoluene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| 2-Hexanone | <10 | | 10 | | ug/L | | | 10/27/26 18:52 | 1 |
| 4-Chlorotoluene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| Benzene | <0.50 | | 0.50 | | ug/L | | | 10/27/26 18:52 | 1 |
| Bromobenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| Bromochloromethane | <2.0 | | 2.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| Bromodichloromethane | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| Bromoform | <5.0 | | 5.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| Bromomethane | <10 | | 10 | | ug/L | | | 10/27/26 18:52 | 1 |
| Carbon disulfide | <10 | | 10 | | ug/L | | | 10/27/26 18:52 | 1 |
| Carbon tetrachloride | <0.50 | | 0.50 | | ug/L | | | 10/27/26 18:52 | 1 |
| Chlorobenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| Chloroethane | <5.0 | | 5.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| Chloroform | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| Chloromethane | <10 | | 10 | | ug/L | | | 10/27/26 18:52 | 1 |
| cis-1,2-Dichloroethene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| cis-1,3-Dichloropropene | <0.50 | | 0.50 | | ug/L | | | 10/27/26 18:52 | 1 |
| Dibromochloromethane | <2.0 | | 2.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| Dibromomethane | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| Dichlorodifluoromethane | <5.0 | | 5.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| Diethyl ether | <10 | | 10 | | ug/L | | | 10/27/26 18:52 | 1 |
| Di-isopropyl ether (DIPE) | <2.0 | | 2.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| Ethanol | <100 | | 100 | | ug/L | | | 10/27/26 18:52 | 1 |
| Ethylbenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| Ethylene Dibromide | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| Ethyl-t-butyl ether (ETBE) | <2.0 | | 2.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| Hexachloro-1,3-butadiene | <10 | | 10 | | ug/L | | | 10/27/26 18:52 | 1 |

**Client Sample ID: BWS2153-S1-FB**
**Date Collected: 10/21/26 09:30**
**Date Received: 10/22/26 10:05**

**Lab Sample ID: 380-243679-3**
**Matrix: Water**

### Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Hexane | <5.0 | | 5.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| Isobutyl alcohol | <75 | | 75 | | ug/L | | | 10/27/26 18:52 | 1 |
| Isopropanol | <75 | | 75 | | ug/L | | | 10/27/26 18:52 | 1 |
| Isopropylbenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| m,p-Xylene | <2.0 | | 2.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| Methylene Chloride | <10 | | 10 | | ug/L | | | 10/27/26 18:52 | 1 |
| Methyl-t-Butyl Ether (MTBE) | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| MIBK | <10 | | 10 | | ug/L | | | 10/27/26 18:52 | 1 |
| Naphthalene | <10 | | 10 | | ug/L | | | 10/27/26 18:52 | 1 |
| n-Butylbenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| N-Propylbenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| o-Xylene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| p-Isopropyltoluene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| sec-Butylbenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| Styrene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| tert-Amyl alcohol | <50 | | 50 | | ug/L | | | 10/27/26 18:52 | 1 |
| Tert-amyl-methyl ether (TAME) | <2.0 | | 2.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| tert-Butyl alcohol (TBA) | <10 | | 10 | | ug/L | | | 10/27/26 18:52 | 1 |
| tert-Butylbenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| Tetrachloroethene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| Toluene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| trans-1,2-Dichloroethene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| trans-1,3-Dichloropropene | <0.50 | | 0.50 | | ug/L | | | 10/27/26 18:52 | 1 |
| Trichloroethene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 18:52 | 1 |
| Trichlorofluoromethane | <10 | | 10 | | ug/L | | | 10/27/26 18:52 | 1 |
| Vinyl acetate | <10 | | 10 | | ug/L | | | 10/27/26 18:52 | 1 |
| Vinyl chloride | <0.50 | | 0.50 | | ug/L | | | 10/27/26 18:52 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *105* | | *77 - 124* | | *10/27/26 18:52* | *1* |
| *4-Bromofluorobenzene (Surr)* | *95* | | *80 - 120* | | *10/27/26 18:52* | *1* |
| *Dibromofluoromethane (Surr)* | *104* | | *80 - 120* | | *10/27/26 18:52* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | | *10/27/26 18:52* | *1* |

### Method: SW846 8260B - Volatile Organic Compounds (GC/MS) - RA

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | <10 | | 10 | | ug/L | | | 10/28/26 14:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *108* | | *77 - 124* | | *10/28/26 14:01* | *1* |
| *4-Bromofluorobenzene (Surr)* | *98* | | *80 - 120* | | *10/28/26 14:01* | *1* |
| *Dibromofluoromethane (Surr)* | *103* | | *80 - 120* | | *10/28/26 14:01* | *1* |
| *Toluene-d8 (Surr)* | *103* | | *80 - 120* | | *10/28/26 14:01* | *1* |

### Method: EPA 625.1 SIM - Semivolatile Organic Compounds GC/MS (SIM)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | <0.19 | | 0.19 | | ug/L | | 10/27/26 19:31 | 10/31/26 05:29 | 1 |
| 2-Methylnaphthalene | <0.19 | | 0.19 | | ug/L | | 10/27/26 19:31 | 10/31/26 05:29 | 1 |
| Acenaphthene | <0.19 | | 0.19 | | ug/L | | 10/27/26 19:31 | 10/31/26 05:29 | 1 |
| Acenaphthylene | <0.19 | | 0.19 | | ug/L | | 10/27/26 19:31 | 10/31/26 05:29 | 1 |

Client: City & County of Honolulu
Project/Site: INTERA - Red-Hill-Incident

Job ID: 380-243679-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

**Client Sample ID: BWS2153-S1-FB**
**Date Collected: 10/21/26 09:30**
**Date Received: 10/22/26 10:05**

**Lab Sample ID: 380-243679-3**
**Matrix: Water**

### Method: EPA 625.1 SIM - Semivolatile Organic Compounds GC/MS (SIM) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Anthracene | <0.19 | | 0.19 | | ug/L | | 10/27/26 19:31 | 10/31/26 05:29 | 1 |
| Benzo[a]anthracene | <0.19 | | 0.19 | | ug/L | | 10/27/26 19:31 | 10/31/26 05:29 | 1 |
| Benzo[a]pyrene | <0.19 | | 0.19 | | ug/L | | 10/27/26 19:31 | 10/31/26 05:29 | 1 |
| Benzo[b]fluoranthene | <0.19 | | 0.19 | | ug/L | | 10/27/26 19:31 | 10/31/26 05:29 | 1 |
| Benzo[g,h,i]perylene | <0.19 | | 0.19 | | ug/L | | 10/27/26 19:31 | 10/31/26 05:29 | 1 |
| Benzo[k]fluoranthene | <0.19 | | 0.19 | | ug/L | | 10/27/26 19:31 | 10/31/26 05:29 | 1 |
| Chrysene | <0.19 | | 0.19 | | ug/L | | 10/27/26 19:31 | 10/31/26 05:29 | 1 |
| Dibenz(a,h)anthracene | <0.19 | | 0.19 | | ug/L | | 10/27/26 19:31 | 10/31/26 05:29 | 1 |
| Fluoranthene | <0.19 | | 0.19 | | ug/L | | 10/27/26 19:31 | 10/31/26 05:29 | 1 |
| Fluorene | <0.19 | | 0.19 | | ug/L | | 10/27/26 19:31 | 10/31/26 05:29 | 1 |
| Indeno[1,2,3-cd]pyrene | <0.19 | | 0.19 | | ug/L | | 10/27/26 19:31 | 10/31/26 05:29 | 1 |
| Naphthalene | <0.19 | | 0.19 | | ug/L | | 10/27/26 19:31 | 10/31/26 05:29 | 1 |
| Phenanthrene | <0.19 | | 0.19 | | ug/L | | 10/27/26 19:31 | 10/31/26 05:29 | 1 |
| Pyrene | <0.19 | | 0.19 | | ug/L | | 10/27/26 19:31 | 10/31/26 05:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2,4,6-Tribromophenol (Surr)* | *82* | | *28 - 127* | *10/27/26 19:31* | *10/31/26 05:29* | *1* |
| *2-Fluorobiphenyl (Surr)* | *77* | | *31 - 120* | *10/27/26 19:31* | *10/31/26 05:29* | *1* |
| *2-Fluorophenol (Surr)* | *56* | | *17 - 120* | *10/27/26 19:31* | *10/31/26 05:29* | *1* |
| *Nitrobenzene-d5 (Surr)* | *88* | | *27 - 120* | *10/27/26 19:31* | *10/31/26 05:29* | *1* |
| *Phenol-d6 (Surr)* | *31* | | *10 - 120* | *10/27/26 19:31* | *10/31/26 05:29* | *1* |
| *p-Terphenyl-d14 (Surr)* | *79* | | *45 - 120* | *10/27/26 19:31* | *10/31/26 05:29* | *1* |

### Method: EPA 625.1 - Semivolatile Organic Compounds (GC/MS)

| *Tentatively Identified Compound* | *Est. Result* | *Qualifier* | *Unit* | *D* | *RT* | *CAS No.* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|---|---|---|
| *Tentatively Identified Compound* | *None* | | *ug/L* | | | *N/A* | *10/27/26 19:31* | *11/02/26 21:18* | *1* |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2,4,6-Tribromophenol (Surr)* | *57* | | *33 - 139* | *10/27/26 19:31* | *11/02/26 21:18* | *1* |
| *2-Fluorobiphenyl (Surr)* | *90* | | *33 - 126* | *10/27/26 19:31* | *11/02/26 21:18* | *1* |
| *2-Fluorophenol (Surr)* | *52* | | *12 - 120* | *10/27/26 19:31* | *11/02/26 21:18* | *1* |
| *Nitrobenzene-d5 (Surr)* | *83* | | *36 - 120* | *10/27/26 19:31* | *11/02/26 21:18* | *1* |
| *Phenol-d6 (Surr)* | *29* | | *10 - 120* | *10/27/26 19:31* | *11/02/26 21:18* | *1* |
| *p-Terphenyl-d14 (Surr)* | *78* | | *47 - 131* | *10/27/26 19:31* | *11/02/26 21:18* | *1* |

### Method: SW846 8015B GRO LL - Gasoline Range Organics - (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| GRO (C6-C10) | <10 | | 10 | | ug/L | | | 10/29/26 14:06 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *38 - 134* | | *10/29/26 14:06* | *1* |

### Method: SW846 8015B - Diesel Range Organics (DRO) (GC) Low Level

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics (C10-C24) | <25 | | 25 | | ug/L | | 10/25/26 09:41 | 10/31/26 20:15 | 1 |
| Motor Oil Range Organics [C24-C36] | <25 | | 25 | | ug/L | | 10/25/26 09:41 | 10/31/26 20:15 | 1 |
| C8-C18 | <25 | | 25 | | ug/L | | 10/25/26 09:41 | 10/31/26 20:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *101* | | *60 - 130* | *10/25/26 09:41* | *10/31/26 20:15* | *1* |

# Action Limit Summary

Client: City & County of Honolulu
Project/Site: INTERA - Red-Hill-Incident

Job ID: 380-243679-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

## Client Sample ID: BWS2153-S1-AQ — Lab Sample ID: 380-243679-1

### Compliance Check

The results obtained from the analytical testing of this data set were checked against compliance limits received from the client. Any results at or above the compliance limits have been highlighted for your convenience.

| Analyte | Result | Qualifier | Unit | EPAMCL Limit | HI Org Limit | RL | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | <1.0 | | ug/L | 200 | 200.0 | 1.0 | 8260B | Total/NA |
| 1,1,2-Trichloroethane | <1.0 | | ug/L | 5 | 5.000 | 1.0 | 8260B | Total/NA |
| 1,1-Dichloroethene | <1.0 | | ug/L | 7 | 7.000 | 1.0 | 8260B | Total/NA |
| 1,2,3-Trichloropropane | <5.0 | | ug/L | | 0.6000 | 5.0 | 8260B | Total/NA |
| 1,2,4-Trichlorobenzene | <1.0 | | ug/L | 70 | 70.00 | 1.0 | 8260B | Total/NA |
| 1,2-Dibromo-3-Chloropropane | <10 | | ug/L | 0.2 | | 10 | 8260B | Total/NA |
| 1,2-Dichlorobenzene | <1.0 | | ug/L | 600 | 600.0 | 1.0 | 8260B | Total/NA |
| 1,2-Dichloroethane | <0.50 | | ug/L | 5 | 5.000 | 0.50 | 8260B | Total/NA |
| 1,2-Dichloropropane | <1.0 | | ug/L | 5 | 5.000 | 1.0 | 8260B | Total/NA |
| 1,4-Dichlorobenzene | <1.0 | | ug/L | 75 | 75.000 | 1.0 | 8260B | Total/NA |
| Benzene | <0.50 | | ug/L | 5 | 5.000 | 0.50 | 8260B | Total/NA |
| Bromodichloromethane | <1.0 | | ug/L | 80 | | 1.0 | 8260B | Total/NA |
| Bromoform | <5.0 | | ug/L | 80 | | 5.0 | 8260B | Total/NA |
| Carbon tetrachloride | <0.50 | | ug/L | 5 | 5.000 | 0.50 | 8260B | Total/NA |
| Chlorobenzene | <1.0 | | ug/L | 100 | 100.0 | 1.0 | 8260B | Total/NA |
| Chloroform | <1.0 | | ug/L | 80 | | 1.0 | 8260B | Total/NA |
| cis-1,2-Dichloroethene | <1.0 | | ug/L | 70 | 70.00 | 1.0 | 8260B | Total/NA |
| Dibromochloromethane | <2.0 | | ug/L | 80 | | 2.0 | 8260B | Total/NA |
| Ethylbenzene | <1.0 | | ug/L | 700 | 700.0 | 1.0 | 8260B | Total/NA |
| Ethylene Dibromide | <1.0 | | ug/L | 0.05 | | 1.0 | 8260B | Total/NA |
| Methylene Chloride | <10 | | ug/L | 5 | 5.000 | 10 | 8260B | Total/NA |
| Styrene | <1.0 | | ug/L | 100 | 100.0 | 1.0 | 8260B | Total/NA |
| Tetrachloroethene | <1.0 | | ug/L | 5 | 5.000 | 1.0 | 8260B | Total/NA |
| Toluene | <1.0 | | ug/L | 1000 | 1000 | 1.0 | 8260B | Total/NA |
| trans-1,2-Dichloroethene | <1.0 | | ug/L | 100 | 100.0 | 1.0 | 8260B | Total/NA |
| Trichloroethene | <1.0 | | ug/L | 5 | 5.000 | 1.0 | 8260B | Total/NA |
| Vinyl chloride | <0.50 | | ug/L | 2 | 2.000 | 0.50 | 8260B | Total/NA |
| Benzo[a]pyrene | <0.19 | | ug/L | 0.2 | | 0.19 | 625.1 SIM | Total/NA |

## Client Sample ID: BWS2153-S1-TB — Lab Sample ID: 380-243679-2

### Compliance Check

The results obtained from the analytical testing of this data set were checked against compliance limits received from the client. Any results at or above the compliance limits have been highlighted for your convenience.

| Analyte | Result | Qualifier | Unit | EPAMCL Limit | HI Org Limit | RL | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | <1.0 | | ug/L | 200 | 200.0 | 1.0 | 8260B | Total/NA |
| 1,1,2-Trichloroethane | <1.0 | | ug/L | 5 | 5.000 | 1.0 | 8260B | Total/NA |
| 1,1-Dichloroethene | <1.0 | | ug/L | 7 | 7.000 | 1.0 | 8260B | Total/NA |
| 1,2,3-Trichloropropane | <5.0 | | ug/L | | 0.6000 | 5.0 | 8260B | Total/NA |
| 1,2,4-Trichlorobenzene | <1.0 | | ug/L | 70 | 70.00 | 1.0 | 8260B | Total/NA |
| 1,2-Dibromo-3-Chloropropane | <10 | | ug/L | 0.2 | | 10 | 8260B | Total/NA |
| 1,2-Dichlorobenzene | <1.0 | | ug/L | 600 | 600.0 | 1.0 | 8260B | Total/NA |
| 1,2-Dichloroethane | <0.50 | | ug/L | 5 | 5.000 | 0.50 | 8260B | Total/NA |
| 1,2-Dichloropropane | <1.0 | | ug/L | 5 | 5.000 | 1.0 | 8260B | Total/NA |
| 1,4-Dichlorobenzene | <1.0 | | ug/L | 75 | 75.000 | 1.0 | 8260B | Total/NA |
| Benzene | <0.50 | | ug/L | 5 | 5.000 | 0.50 | 8260B | Total/NA |

## Client Sample ID: BWS2153-S1-TB (Continued)

## Lab Sample ID: 380-243679-2

### Compliance Check

The results obtained from the analytical testing of this data set were checked against compliance limits received from the client. Any results at or above the compliance limits have been highlighted for your convenience.

| Analyte | Result | Qualifier | Unit | EPAMCL Limit | HI Org Limit | RL | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|
| Bromodichloromethane | <1.0 | | ug/L | 80 | | 1.0 | 8260B | Total/NA |
| Bromoform | <5.0 | | ug/L | 80 | | 5.0 | 8260B | Total/NA |
| Carbon tetrachloride | <0.50 | | ug/L | 5 | 5.000 | 0.50 | 8260B | Total/NA |
| Chlorobenzene | <1.0 | | ug/L | 100 | 100.0 | 1.0 | 8260B | Total/NA |
| Chloroform | <1.0 | | ug/L | 80 | | 1.0 | 8260B | Total/NA |
| cis-1,2-Dichloroethene | <1.0 | | ug/L | 70 | 70.00 | 1.0 | 8260B | Total/NA |
| Dibromochloromethane | <2.0 | | ug/L | 80 | | 2.0 | 8260B | Total/NA |
| Ethylbenzene | <1.0 | | ug/L | 700 | 700.0 | 1.0 | 8260B | Total/NA |
| Ethylene Dibromide | <1.0 | | ug/L | 0.05 | | 1.0 | 8260B | Total/NA |
| Methylene Chloride | <10 | | ug/L | 5 | 5.000 | 10 | 8260B | Total/NA |
| Styrene | <1.0 | | ug/L | 100 | 100.0 | 1.0 | 8260B | Total/NA |
| Tetrachloroethene | <1.0 | | ug/L | 5 | 5.000 | 1.0 | 8260B | Total/NA |
| Toluene | <1.0 | | ug/L | 1000 | 1000 | 1.0 | 8260B | Total/NA |
| trans-1,2-Dichloroethene | <1.0 | | ug/L | 100 | 100.0 | 1.0 | 8260B | Total/NA |
| Trichloroethene | <1.0 | | ug/L | 5 | 5.000 | 1.0 | 8260B | Total/NA |
| Vinyl chloride | <0.50 | | ug/L | 2 | 2.000 | 0.50 | 8260B | Total/NA |

## Client Sample ID: BWS2153-S1-FB

## Lab Sample ID: 380-243679-3

### Compliance Check

The results obtained from the analytical testing of this data set were checked against compliance limits received from the client. Any results at or above the compliance limits have been highlighted for your convenience.

| Analyte | Result | Qualifier | Unit | EPAMCL Limit | HI Org Limit | RL | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | <1.0 | | ug/L | 200 | 200.0 | 1.0 | 8260B | Total/NA |
| 1,1,2-Trichloroethane | <1.0 | | ug/L | 5 | 5.000 | 1.0 | 8260B | Total/NA |
| 1,1-Dichloroethene | <1.0 | | ug/L | 7 | 7.000 | 1.0 | 8260B | Total/NA |
| 1,2,3-Trichloropropane | <5.0 | | ug/L | | 0.6000 | 5.0 | 8260B | Total/NA |
| 1,2,4-Trichlorobenzene | <1.0 | | ug/L | 70 | 70.00 | 1.0 | 8260B | Total/NA |
| 1,2-Dibromo-3-Chloropropane | <10 | | ug/L | 0.2 | | 10 | 8260B | Total/NA |
| 1,2-Dichlorobenzene | <1.0 | | ug/L | 600 | 600.0 | 1.0 | 8260B | Total/NA |
| 1,2-Dichloroethane | <0.50 | | ug/L | 5 | 5.000 | 0.50 | 8260B | Total/NA |
| 1,2-Dichloropropane | <1.0 | | ug/L | 5 | 5.000 | 1.0 | 8260B | Total/NA |
| 1,4-Dichlorobenzene | <1.0 | | ug/L | 75 | 75.000 | 1.0 | 8260B | Total/NA |
| Benzene | <0.50 | | ug/L | 5 | 5.000 | 0.50 | 8260B | Total/NA |
| Bromodichloromethane | <1.0 | | ug/L | 80 | | 1.0 | 8260B | Total/NA |
| Bromoform | <5.0 | | ug/L | 80 | | 5.0 | 8260B | Total/NA |
| Carbon tetrachloride | <0.50 | | ug/L | 5 | 5.000 | 0.50 | 8260B | Total/NA |
| Chlorobenzene | <1.0 | | ug/L | 100 | 100.0 | 1.0 | 8260B | Total/NA |
| Chloroform | <1.0 | | ug/L | 80 | | 1.0 | 8260B | Total/NA |
| cis-1,2-Dichloroethene | <1.0 | | ug/L | 70 | 70.00 | 1.0 | 8260B | Total/NA |
| Dibromochloromethane | <2.0 | | ug/L | 80 | | 2.0 | 8260B | Total/NA |
| Ethylbenzene | <1.0 | | ug/L | 700 | 700.0 | 1.0 | 8260B | Total/NA |
| Ethylene Dibromide | <1.0 | | ug/L | 0.05 | | 1.0 | 8260B | Total/NA |
| Methylene Chloride | <10 | | ug/L | 5 | 5.000 | 10 | 8260B | Total/NA |
| Styrene | <1.0 | | ug/L | 100 | 100.0 | 1.0 | 8260B | Total/NA |
| Tetrachloroethene | <1.0 | | ug/L | 5 | 5.000 | 1.0 | 8260B | Total/NA |

# Action Limit Summary

Client: City & County of Honolulu
Project/Site: INTERA - Red-Hill-Incident

Job ID: 380-243679-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

## Client Sample ID: BWS2153-S1-FB (Continued)

## Lab Sample ID: 380-243679-3

### Compliance Check

The results obtained from the analytical testing of this data set were checked against compliance limits received from the client. Any results at or above the compliance limits have been highlighted for your convenience.

| Analyte | Result | Qualifier | Unit | EPAMCL Limit | HI Org Limit | RL | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|
| Toluene | <1.0 | | ug/L | 1000 | 1000 | 1.0 | 8260B | Total/NA |
| trans-1,2-Dichloroethene | <1.0 | | ug/L | 100 | 100.0 | 1.0 | 8260B | Total/NA |
| Trichloroethene | <1.0 | | ug/L | 5 | 5.000 | 1.0 | 8260B | Total/NA |
| Vinyl chloride | <0.50 | | ug/L | 2 | 2.000 | 0.50 | 8260B | Total/NA |
| Benzo[a]pyrene | <0.19 | | ug/L | 0.2 | | 0.19 | 625.1 SIM | Total/NA |

# Surrogate Summary

Client: City & County of Honolulu
Project/Site: INTERA - Red-Hill-Incident

Job ID: 380-243679-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Matrix: Water** — **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | |
|---|---|---|---|---|---|
| | | DCA | BFB | DBFM | TOL |
| Lab Sample ID | Client Sample ID | (77-124) | (80-120) | (80-120) | (80-120) |
| 380-243679-1 | BWS2153-S1-AQ | 109 | 98 | 102 | 101 |
| 380-243679-2 | BWS2153-S1-TB | 106 | 99 | 105 | 99 |
| 380-243679-2 - RA | BWS2153-S1-TB | 107 | 101 | 102 | 104 |
| 380-243679-3 | BWS2153-S1-FB | 105 | 95 | 104 | 100 |
| 380-243679-3 - RA | BWS2153-S1-FB | 108 | 98 | 103 | 103 |
| LCS 570-822199/1002 | Lab Control Sample | 102 | 99 | 101 | 99 |
| LCS 570-822597/1003 | Lab Control Sample | 108 | 102 | 98 | 105 |
| LCS 570-823553/1002 | Lab Control Sample | 107 | 103 | 103 | 104 |
| LCSD 570-822199/3 | Lab Control Sample Dup | 104 | 98 | 100 | 100 |
| LCSD 570-822597/4 | Lab Control Sample Dup | 107 | 103 | 99 | 105 |
| LCSD 570-823553/3 | Lab Control Sample Dup | 106 | 98 | 103 | 105 |
| MB 570-822199/5 | Method Blank | 100 | 98 | 101 | 100 |
| MB 570-822597/6 | Method Blank | 108 | 101 | 102 | 104 |
| MB 570-823553/5 | Method Blank | 106 | 100 | 104 | 103 |

**Surrogate Legend**

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

## Method: 625.1 - Semivolatile Organic Compounds (GC/MS)

**Matrix: Water** — **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | |
|---|---|---|---|---|---|---|---|
| | | TBP | FBP | 2FP | NBZ | PHL6 | TPHd14 |
| Lab Sample ID | Client Sample ID | (33-139) | (33-126) | (12-120) | (36-120) | (10-120) | (47-131) |
| 380-243679-1 | BWS2153-S1-AQ | 48 | 68 | 41 | 65 | 24 | 89 |
| 380-243679-3 | BWS2153-S1-FB | 57 | 90 | 52 | 83 | 29 | 78 |
| MB 570-822434/1-A | Method Blank | 54 | 75 | 47 | 77 | 27 | 97 |

**Surrogate Legend**

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL6 = Phenol-d6 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

## Method: 625.1 SIM - Semivolatile Organic Compounds GC/MS (SIM)

**Matrix: Water** — **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | |
|---|---|---|---|---|---|---|---|
| | | TBP | FBP | 2FP | NBZ | PHL6 | TPHd14 |
| Lab Sample ID | Client Sample ID | (28-127) | (31-120) | (17-120) | (27-120) | (10-120) | (45-120) |
| 380-243679-1 | BWS2153-S1-AQ | 74 | 62 | 45 | 73 | 25 | 86 |
| 380-243679-3 | BWS2153-S1-FB | 82 | 77 | 56 | 88 | 31 | 79 |
| LCS 570-822434/2-A | Lab Control Sample | 91 | 87 | 67 | 71 | 38 | 98 |
| LCSD 570-822434/3-A | Lab Control Sample Dup | 88 | 84 | 67 | 70 | 38 | 101 |
| MB 570-822434/1-A | Method Blank | 76 | 66 | 49 | 73 | 27 | 86 |

**Surrogate Legend**

# Surrogate Summary

Client: City & County of Honolulu
Job ID: 380-243679-1
Project/Site: INTERA - Red-Hill-Incident
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL6 = Phenol-d6 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

## Method: 8015B GRO LL - Gasoline Range Organics - (GC)

**Matrix: Water** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | BFB1 | | | | | | | |
| Lab Sample ID | Client Sample ID | (38-134) | | | | | | | |
| 380-243679-1 | BWS2153-S1-AQ | 101 | | | | | | | |
| 380-243679-2 | BWS2153-S1-TB | 100 | | | | | | | |
| 380-243679-3 | BWS2153-S1-FB | 98 | | | | | | | |
| 380-244052-A-1 MS | Matrix Spike | 101 | | | | | | | |
| 380-244052-A-1 MSD | Matrix Spike Duplicate | 106 | | | | | | | |
| LCS 570-823375/3 | Lab Control Sample | 91 | | | | | | | |
| LCSD 570-823375/4 | Lab Control Sample Dup | 96 | | | | | | | |
| MB 570-823375/6 | Method Blank | 99 | | | | | | | |
| MRL 570-823375/5 | Lab Control Sample | 98 | | | | | | | |

**Surrogate Legend**

BFB = 4-Bromofluorobenzene (Surr)

## Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level

**Matrix: Water** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | OTCSN1 | | | | | | | |
| Lab Sample ID | Client Sample ID | (60-130) | | | | | | | |
| 380-243679-1 | BWS2153-S1-AQ | 111 | | | | | | | |
| 380-243679-3 | BWS2153-S1-FB | 101 | | | | | | | |
| 380-244052-C-1-A MS | Matrix Spike | 108 | | | | | | | |
| 380-244052-C-1-B MSD | Matrix Spike Duplicate | 111 | | | | | | | |
| LCS 570-821050/2-A | Lab Control Sample | 112 | | | | | | | |
| LCSD 570-821050/3-A | Lab Control Sample Dup | 97 | | | | | | | |
| MB 570-821050/1-A | Method Blank | 110 | | | | | | | |
| MRL 570-821050/4-A | Lab Control Sample | 97 | | | | | | | |

**Surrogate Legend**

OTCSN = n-Octacosane (Surr)

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 570-822199/5**
**Matrix: Water**
**Analysis Batch: 822199**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | <2.0 | | 2.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| 1,1,1-Trichloroethane | <1.0 | | 1.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| 1,1,2,2-Tetrachloroethane | <1.0 | | 1.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <10 | | 10 | | ug/L | | | 10/27/26 17:47 | 1 |
| 1,1,2-Trichloroethane | <1.0 | | 1.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| 1,1-Dichloroethane | <1.0 | | 1.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| 1,1-Dichloroethene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| 1,1-Dichloropropene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| 1,2,3-Trichlorobenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| 1,2,3-Trichloropropane | <5.0 | | 5.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| 1,2,4-Trichlorobenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| 1,2,4-Trimethylbenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| 1,2-Dibromo-3-Chloropropane | <10 | | 10 | | ug/L | | | 10/27/26 17:47 | 1 |
| 1,2-Dichlorobenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| 1,2-Dichloroethane | <0.50 | | 0.50 | | ug/L | | | 10/27/26 17:47 | 1 |
| 1,2-Dichloropropane | <1.0 | | 1.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| 1,3,5-Trimethylbenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| 1,3-Dichlorobenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| 1,3-Dichloropropane | <1.0 | | 1.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| 1,4-Dichlorobenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| 2,2-Dichloropropane | <1.0 | | 1.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| 2-Butanone | <10 | | 10 | | ug/L | | | 10/27/26 17:47 | 1 |
| 2-Chlorotoluene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| 2-Hexanone | <10 | | 10 | | ug/L | | | 10/27/26 17:47 | 1 |
| 4-Chlorotoluene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| Acetone | <10 | | 10 | | ug/L | | | 10/27/26 17:47 | 1 |
| Benzene | <0.50 | | 0.50 | | ug/L | | | 10/27/26 17:47 | 1 |
| Bromobenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| Bromochloromethane | <2.0 | | 2.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| Bromodichloromethane | <1.0 | | 1.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| Bromoform | <5.0 | | 5.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| Bromomethane | <10 | | 10 | | ug/L | | | 10/27/26 17:47 | 1 |
| Carbon disulfide | <10 | | 10 | | ug/L | | | 10/27/26 17:47 | 1 |
| Carbon tetrachloride | <0.50 | | 0.50 | | ug/L | | | 10/27/26 17:47 | 1 |
| Chlorobenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| Chloroethane | <5.0 | | 5.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| Chloroform | <1.0 | | 1.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| Chloromethane | <10 | | 10 | | ug/L | | | 10/27/26 17:47 | 1 |
| cis-1,2-Dichloroethene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| cis-1,3-Dichloropropene | <0.50 | | 0.50 | | ug/L | | | 10/27/26 17:47 | 1 |
| Dibromochloromethane | <2.0 | | 2.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| Dibromomethane | <1.0 | | 1.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| Dichlorodifluoromethane | <5.0 | | 5.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| Diethyl ether | <10 | | 10 | | ug/L | | | 10/27/26 17:47 | 1 |
| Di-isopropyl ether (DIPE) | <2.0 | | 2.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| Ethanol | <100 | | 100 | | ug/L | | | 10/27/26 17:47 | 1 |
| Ethylbenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| Ethylene Dibromide | <1.0 | | 1.0 | | ug/L | | | 10/27/26 17:47 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-822199/5**
**Matrix: Water**
**Analysis Batch: 822199**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Ethyl-t-butyl ether (ETBE) | <2.0 | | 2.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| Hexachloro-1,3-butadiene | <10 | | 10 | | ug/L | | | 10/27/26 17:47 | 1 |
| Hexane | <5.0 | | 5.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| Isobutyl alcohol | <75 | | 75 | | ug/L | | | 10/27/26 17:47 | 1 |
| Isopropanol | <75 | | 75 | | ug/L | | | 10/27/26 17:47 | 1 |
| Isopropylbenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| m,p-Xylene | <2.0 | | 2.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| Methylene Chloride | <10 | | 10 | | ug/L | | | 10/27/26 17:47 | 1 |
| Methyl-t-Butyl Ether (MTBE) | <1.0 | | 1.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| MIBK | <10 | | 10 | | ug/L | | | 10/27/26 17:47 | 1 |
| Naphthalene | <10 | | 10 | | ug/L | | | 10/27/26 17:47 | 1 |
| n-Butylbenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| N-Propylbenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| o-Xylene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| p-Isopropyltoluene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| sec-Butylbenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| Styrene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| tert-Amyl alcohol | <50 | | 50 | | ug/L | | | 10/27/26 17:47 | 1 |
| Tert-amyl-methyl ether (TAME) | <2.0 | | 2.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| tert-Butyl alcohol (TBA) | <10 | | 10 | | ug/L | | | 10/27/26 17:47 | 1 |
| tert-Butylbenzene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| Tetrachloroethene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| Toluene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| trans-1,2-Dichloroethene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| trans-1,3-Dichloropropene | <0.50 | | 0.50 | | ug/L | | | 10/27/26 17:47 | 1 |
| Trichloroethene | <1.0 | | 1.0 | | ug/L | | | 10/27/26 17:47 | 1 |
| Trichlorofluoromethane | <10 | | 10 | | ug/L | | | 10/27/26 17:47 | 1 |
| Vinyl acetate | <10 | | 10 | | ug/L | | | 10/27/26 17:47 | 1 |
| Vinyl chloride | <0.50 | | 0.50 | | ug/L | | | 10/27/26 17:47 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *100* | | *77 - 124* | | *10/27/26 17:47* | *1* |
| *4-Bromofluorobenzene (Surr)* | *98* | | *80 - 120* | | *10/27/26 17:47* | *1* |
| *Dibromofluoromethane (Surr)* | *101* | | *80 - 120* | | *10/27/26 17:47* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | | *10/27/26 17:47* | *1* |

**Lab Sample ID: LCS 570-822199/1002**
**Matrix: Water**
**Analysis Batch: 822199**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | | | 20.0 | 20.2 | | ug/L | | 101 | 70 - 130 | | |
| 1,1,1-Trichloroethane | | | 20.0 | 21.4 | | ug/L | | 107 | 70 - 130 | | |
| 1,1,2,2-Tetrachloroethane | | | 20.0 | 19.5 | | ug/L | | 97 | 70 - 130 | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | | | 20.0 | 21.8 | | ug/L | | 109 | 63 - 136 | | |
| 1,1,2-Trichloroethane | | | 20.0 | 19.3 | | ug/L | | 96 | 70 - 130 | | |
| 1,1-Dichloroethane | | | 20.0 | 20.5 | | ug/L | | 103 | 70 - 130 | | |
| 1,1-Dichloroethene | | | 20.0 | 21.3 | | ug/L | | 107 | 70 - 130 | | |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 570-822199/1002**
**Matrix: Water**
**Analysis Batch: 822199**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 1,1-Dichloropropene | 20.0 | 21.3 | | ug/L | | 107 | 70 - 130 |
| 1,2,3-Trichlorobenzene | 20.0 | 18.1 | | ug/L | | 90 | 68 - 130 |
| 1,2,3-Trichloropropane | 20.0 | 16.9 | | ug/L | | 84 | 70 - 130 |
| 1,2,4-Trichlorobenzene | 20.0 | 19.8 | | ug/L | | 99 | 70 - 130 |
| 1,2,4-Trimethylbenzene | 20.0 | 21.3 | | ug/L | | 107 | 70 - 130 |
| 1,2-Dibromo-3-Chloropropane | 20.0 | 16.3 | | ug/L | | 82 | 63 - 130 |
| 1,2-Dichlorobenzene | 20.0 | 20.6 | | ug/L | | 103 | 70 - 130 |
| 1,2-Dichloroethane | 20.0 | 21.1 | | ug/L | | 105 | 70 - 130 |
| 1,2-Dichloropropane | 20.0 | 20.0 | | ug/L | | 100 | 70 - 130 |
| 1,3,5-Trimethylbenzene | 20.0 | 21.2 | | ug/L | | 106 | 70 - 130 |
| 1,3-Dichlorobenzene | 20.0 | 20.5 | | ug/L | | 102 | 70 - 130 |
| 1,3-Dichloropropane | 20.0 | 19.8 | | ug/L | | 99 | 70 - 130 |
| 1,4-Dichlorobenzene | 20.0 | 20.4 | | ug/L | | 102 | 70 - 130 |
| 2,2-Dichloropropane | 20.0 | 20.3 | | ug/L | | 101 | 63 - 130 |
| 2-Butanone | 20.0 | 16.9 | | ug/L | | 84 | 49 - 157 |
| 2-Chlorotoluene | 20.0 | 20.7 | | ug/L | | 103 | 70 - 130 |
| 2-Hexanone | 20.0 | 15.6 | | ug/L | | 78 | 54 - 140 |
| 4-Chlorotoluene | 20.0 | 20.8 | | ug/L | | 104 | 70 - 130 |
| Benzene | 20.0 | 21.5 | | ug/L | | 108 | 70 - 130 |
| Bromobenzene | 20.0 | 20.3 | | ug/L | | 102 | 70 - 130 |
| Bromochloromethane | 20.0 | 20.7 | | ug/L | | 104 | 70 - 130 |
| Bromodichloromethane | 20.0 | 20.7 | | ug/L | | 103 | 70 - 130 |
| Bromoform | 20.0 | 19.0 | | ug/L | | 95 | 70 - 130 |
| Bromomethane | 20.0 | 21.1 | | ug/L | | 105 | 39 - 177 |
| Carbon disulfide | 20.0 | 20.9 | | ug/L | | 104 | 69 - 130 |
| Carbon tetrachloride | 20.0 | 21.2 | | ug/L | | 106 | 70 - 130 |
| Chlorobenzene | 20.0 | 20.1 | | ug/L | | 101 | 70 - 130 |
| Chloroethane | 20.0 | 21.1 | | ug/L | | 106 | 63 - 133 |
| Chloroform | 20.0 | 19.6 | | ug/L | | 98 | 70 - 130 |
| Chloromethane | 20.0 | 18.8 | | ug/L | | 94 | 40 - 144 |
| cis-1,2-Dichloroethene | 20.0 | 20.9 | | ug/L | | 105 | 70 - 130 |
| cis-1,3-Dichloropropene | 20.0 | 20.5 | | ug/L | | 103 | 70 - 130 |
| Dibromochloromethane | 20.0 | 19.9 | | ug/L | | 99 | 70 - 130 |
| Dibromomethane | 20.0 | 20.6 | | ug/L | | 103 | 70 - 130 |
| Dichlorodifluoromethane | 20.0 | 20.7 | | ug/L | | 104 | 42 - 144 |
| Diethyl ether | 20.0 | 19.8 | | ug/L | | 99 | 70 - 131 |
| Di-isopropyl ether (DIPE) | 20.0 | 19.4 | | ug/L | | 97 | 69 - 131 |
| Ethanol | 200 | 319 | | ug/L | | 160 | 44 - 170 |
| Ethylbenzene | 20.0 | 20.7 | | ug/L | | 104 | 70 - 130 |
| Ethylene Dibromide | 20.0 | 19.4 | | ug/L | | 97 | 70 - 130 |
| Ethyl-t-butyl ether (ETBE) | 20.0 | 17.4 | | ug/L | | 87 | 69 - 130 |
| Isopropylbenzene | 20.0 | 21.2 | | ug/L | | 106 | 70 - 130 |
| m,p-Xylene | 40.0 | 42.8 | | ug/L | | 107 | 70 - 130 |
| Methylene Chloride | 20.0 | 20.6 | | ug/L | | 103 | 70 - 130 |
| Methyl-t-Butyl Ether (MTBE) | 20.0 | 18.0 | | ug/L | | 90 | 69 - 130 |
| MIBK | 20.0 | 16.1 | | ug/L | | 80 | 63 - 130 |
| Naphthalene | 20.0 | 17.0 | | ug/L | | 85 | 63 - 130 |
| n-Butylbenzene | 20.0 | 22.5 | | ug/L | | 112 | 70 - 130 |
| N-Propylbenzene | 20.0 | 21.8 | | ug/L | | 109 | 70 - 130 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 570-822199/1002**
**Matrix: Water**
**Analysis Batch: 822199**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| o-Xylene | 20.0 | 20.6 | | ug/L | | 103 | 70 - 130 |
| p-Isopropyltoluene | 20.0 | 22.0 | | ug/L | | 110 | 70 - 130 |
| sec-Butylbenzene | 20.0 | 21.8 | | ug/L | | 109 | 70 - 130 |
| Styrene | 20.0 | 21.0 | | ug/L | | 105 | 70 - 130 |
| tert-Amyl alcohol | 100 | 73.5 | | ug/L | | 74 | 40 - 147 |
| Tert-amyl-methyl ether (TAME) | 20.0 | 18.0 | | ug/L | | 90 | 69 - 130 |
| tert-Butyl alcohol (TBA) | 100 | 104 | | ug/L | | 104 | 68 - 130 |
| tert-Butylbenzene | 20.0 | 21.3 | | ug/L | | 107 | 70 - 130 |
| Tetrachloroethene | 20.0 | 21.1 | | ug/L | | 105 | 70 - 130 |
| Toluene | 20.0 | 20.7 | | ug/L | | 104 | 70 - 130 |
| trans-1,2-Dichloroethene | 20.0 | 22.1 | | ug/L | | 111 | 70 - 130 |
| trans-1,3-Dichloropropene | 20.0 | 18.1 | | ug/L | | 91 | 70 - 130 |
| Trichloroethene | 20.0 | 21.2 | | ug/L | | 106 | 70 - 130 |
| Trichlorofluoromethane | 20.0 | 23.6 | | ug/L | | 118 | 64 - 137 |
| Vinyl acetate | 20.0 | 15.5 | | ug/L | | 78 | 58 - 130 |
| Vinyl chloride | 20.0 | 21.0 | | ug/L | | 105 | 64 - 130 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *102* | | *77 - 124* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *101* | | *80 - 120* |
| *Toluene-d8 (Surr)* | *99* | | *80 - 120* |

**Lab Sample ID: LCSD 570-822199/3**
**Matrix: Water**
**Analysis Batch: 822199**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | 20.0 | 19.6 | | ug/L | | 98 | 70 - 130 | 3 | 20 |
| 1,1,1-Trichloroethane | 20.0 | 20.5 | | ug/L | | 103 | 70 - 130 | 4 | 20 |
| 1,1,2,2-Tetrachloroethane | 20.0 | 20.1 | | ug/L | | 101 | 70 - 130 | 3 | 20 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 20.0 | 21.1 | | ug/L | | 106 | 63 - 136 | 3 | 20 |
| 1,1,2-Trichloroethane | 20.0 | 18.8 | | ug/L | | 94 | 70 - 130 | 2 | 20 |
| 1,1-Dichloroethane | 20.0 | 20.4 | | ug/L | | 102 | 70 - 130 | 0 | 20 |
| 1,1-Dichloroethene | 20.0 | 20.8 | | ug/L | | 104 | 70 - 130 | 2 | 20 |
| 1,1-Dichloropropene | 20.0 | 20.6 | | ug/L | | 103 | 70 - 130 | 3 | 20 |
| 1,2,3-Trichlorobenzene | 20.0 | 18.9 | | ug/L | | 95 | 68 - 130 | 5 | 20 |
| 1,2,3-Trichloropropane | 20.0 | 18.1 | | ug/L | | 90 | 70 - 130 | 7 | 20 |
| 1,2,4-Trichlorobenzene | 20.0 | 20.8 | | ug/L | | 104 | 70 - 130 | 5 | 20 |
| 1,2,4-Trimethylbenzene | 20.0 | 21.6 | | ug/L | | 108 | 70 - 130 | 1 | 20 |
| 1,2-Dibromo-3-Chloropropane | 20.0 | 16.6 | | ug/L | | 83 | 63 - 130 | 2 | 21 |
| 1,2-Dichlorobenzene | 20.0 | 20.6 | | ug/L | | 103 | 70 - 130 | 0 | 20 |
| 1,2-Dichloroethane | 20.0 | 20.6 | | ug/L | | 103 | 70 - 130 | 2 | 20 |
| 1,2-Dichloropropane | 20.0 | 19.6 | | ug/L | | 98 | 70 - 130 | 2 | 20 |
| 1,3,5-Trimethylbenzene | 20.0 | 20.9 | | ug/L | | 105 | 70 - 130 | 1 | 20 |
| 1,3-Dichlorobenzene | 20.0 | 20.9 | | ug/L | | 105 | 70 - 130 | 2 | 20 |
| 1,3-Dichloropropane | 20.0 | 19.4 | | ug/L | | 97 | 70 - 130 | 2 | 20 |
| 1,4-Dichlorobenzene | 20.0 | 20.5 | | ug/L | | 103 | 70 - 130 | 1 | 20 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCSD 570-822199/3**
**Matrix: Water**
**Analysis Batch: 822199**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| 2,2-Dichloropropane | 20.0 | 19.4 | | ug/L | | 97 | 63 - 130 | 5 | 20 |
| 2-Butanone | 20.0 | 16.7 | | ug/L | | 84 | 49 - 157 | 1 | 24 |
| 2-Chlorotoluene | 20.0 | 20.2 | | ug/L | | 101 | 70 - 130 | 2 | 20 |
| 2-Hexanone | 20.0 | 16.6 | | ug/L | | 83 | 54 - 140 | 7 | 24 |
| 4-Chlorotoluene | 20.0 | 20.7 | | ug/L | | 104 | 70 - 130 | 0 | 20 |
| Benzene | 20.0 | 20.9 | | ug/L | | 105 | 70 - 130 | 3 | 20 |
| Bromobenzene | 20.0 | 20.3 | | ug/L | | 101 | 70 - 130 | 0 | 20 |
| Bromochloromethane | 20.0 | 20.8 | | ug/L | | 104 | 70 - 130 | 0 | 20 |
| Bromodichloromethane | 20.0 | 19.8 | | ug/L | | 99 | 70 - 130 | 4 | 20 |
| Bromoform | 20.0 | 18.6 | | ug/L | | 93 | 70 - 130 | 2 | 20 |
| Bromomethane | 20.0 | 19.4 | | ug/L | | 97 | 39 - 177 | 8 | 22 |
| Carbon disulfide | 20.0 | 19.8 | | ug/L | | 99 | 69 - 130 | 6 | 20 |
| Carbon tetrachloride | 20.0 | 20.5 | | ug/L | | 102 | 70 - 130 | 4 | 20 |
| Chlorobenzene | 20.0 | 19.9 | | ug/L | | 100 | 70 - 130 | 1 | 20 |
| Chloroethane | 20.0 | 20.2 | | ug/L | | 101 | 63 - 133 | 5 | 20 |
| Chloroform | 20.0 | 18.9 | | ug/L | | 95 | 70 - 130 | 4 | 20 |
| Chloromethane | 20.0 | 17.8 | | ug/L | | 89 | 40 - 144 | 6 | 20 |
| cis-1,2-Dichloroethene | 20.0 | 19.8 | | ug/L | | 99 | 70 - 130 | 5 | 20 |
| cis-1,3-Dichloropropene | 20.0 | 20.2 | | ug/L | | 101 | 70 - 130 | 2 | 20 |
| Dibromochloromethane | 20.0 | 19.7 | | ug/L | | 99 | 70 - 130 | 1 | 20 |
| Dibromomethane | 20.0 | 20.4 | | ug/L | | 102 | 70 - 130 | 1 | 20 |
| Dichlorodifluoromethane | 20.0 | 19.8 | | ug/L | | 99 | 42 - 144 | 5 | 20 |
| Diethyl ether | 20.0 | 19.9 | | ug/L | | 99 | 70 - 131 | 0 | 20 |
| Di-isopropyl ether (DIPE) | 20.0 | 19.5 | | ug/L | | 97 | 69 - 131 | 1 | 20 |
| Ethanol | 200 | 278 | | ug/L | | 139 | 44 - 170 | 14 | 30 |
| Ethylbenzene | 20.0 | 20.4 | | ug/L | | 102 | 70 - 130 | 2 | 20 |
| Ethylene Dibromide | 20.0 | 19.6 | | ug/L | | 98 | 70 - 130 | 1 | 20 |
| Ethyl-t-butyl ether (ETBE) | 20.0 | 17.7 | | ug/L | | 88 | 69 - 130 | 2 | 20 |
| Isopropylbenzene | 20.0 | 21.0 | | ug/L | | 105 | 70 - 130 | 1 | 20 |
| m,p-Xylene | 40.0 | 42.2 | | ug/L | | 106 | 70 - 130 | 1 | 20 |
| Methylene Chloride | 20.0 | 20.0 | | ug/L | | 100 | 70 - 130 | 3 | 20 |
| Methyl-t-Butyl Ether (MTBE) | 20.0 | 18.2 | | ug/L | | 91 | 69 - 130 | 1 | 20 |
| MIBK | 20.0 | 17.0 | | ug/L | | 85 | 63 - 130 | 6 | 20 |
| Naphthalene | 20.0 | 17.5 | | ug/L | | 87 | 63 - 130 | 3 | 20 |
| n-Butylbenzene | 20.0 | 22.5 | | ug/L | | 113 | 70 - 130 | 0 | 20 |
| N-Propylbenzene | 20.0 | 21.5 | | ug/L | | 107 | 70 - 130 | 2 | 20 |
| o-Xylene | 20.0 | 20.7 | | ug/L | | 104 | 70 - 130 | 0 | 20 |
| p-Isopropyltoluene | 20.0 | 22.0 | | ug/L | | 110 | 70 - 130 | 0 | 20 |
| sec-Butylbenzene | 20.0 | 21.8 | | ug/L | | 109 | 70 - 130 | 0 | 20 |
| Styrene | 20.0 | 20.9 | | ug/L | | 104 | 70 - 130 | 1 | 20 |
| tert-Amyl alcohol | 100 | 79.8 | | ug/L | | 80 | 40 - 147 | 8 | 30 |
| Tert-amyl-methyl ether (TAME) | 20.0 | 18.6 | | ug/L | | 93 | 69 - 130 | 4 | 20 |
| tert-Butyl alcohol (TBA) | 100 | 102 | | ug/L | | 102 | 68 - 130 | 1 | 23 |
| tert-Butylbenzene | 20.0 | 21.1 | | ug/L | | 105 | 70 - 130 | 1 | 20 |
| Tetrachloroethene | 20.0 | 20.8 | | ug/L | | 104 | 70 - 130 | 1 | 20 |
| Toluene | 20.0 | 20.0 | | ug/L | | 100 | 70 - 130 | 3 | 20 |
| trans-1,2-Dichloroethene | 20.0 | 21.1 | | ug/L | | 105 | 70 - 130 | 5 | 20 |
| trans-1,3-Dichloropropene | 20.0 | 18.3 | | ug/L | | 91 | 70 - 130 | 1 | 20 |
| Trichloroethene | 20.0 | 20.8 | | ug/L | | 104 | 70 - 130 | 2 | 20 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCSD 570-822199/3**
**Matrix: Water**
**Analysis Batch: 822199**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Trichlorofluoromethane | | | 20.0 | 22.5 | | ug/L | | 112 | 64 - 137 | 5 | 20 |
| Vinyl acetate | | | 20.0 | 16.6 | | ug/L | | 83 | 58 - 130 | 7 | 20 |
| Vinyl chloride | | | 20.0 | 20.2 | | ug/L | | 101 | 64 - 130 | 4 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *104* | | *77 - 124* |
| *4-Bromofluorobenzene (Surr)* | *98* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *100* | | *80 - 120* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* |

**Lab Sample ID: MB 570-822597/6**
**Matrix: Water**
**Analysis Batch: 822597**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | <10 | | 10 | | ug/L | | | 10/28/26 08:21 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *108* | | *77 - 124* | | *10/28/26 08:21* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* | | *10/28/26 08:21* | *1* |
| *Dibromofluoromethane (Surr)* | *102* | | *80 - 120* | | *10/28/26 08:21* | *1* |
| *Toluene-d8 (Surr)* | *104* | | *80 - 120* | | *10/28/26 08:21* | *1* |

**Lab Sample ID: LCS 570-822597/1003**
**Matrix: Water**
**Analysis Batch: 822597**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | | | 20.0 | 18.7 | | ug/L | | 93 | 18 - 190 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *108* | | *77 - 124* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *98* | | *80 - 120* |
| *Toluene-d8 (Surr)* | *105* | | *80 - 120* |

**Lab Sample ID: LCSD 570-822597/4**
**Matrix: Water**
**Analysis Batch: 822597**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | | | 20.0 | 16.8 | | ug/L | | 84 | 18 - 190 | 11 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *107* | | *77 - 124* |
| *4-Bromofluorobenzene (Surr)* | *103* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *99* | | *80 - 120* |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCSD 570-822597/4**
**Matrix: Water**
**Analysis Batch: 822597**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| Toluene-d8 (Surr) | 105 | | 80 - 120 |

**Lab Sample ID: MB 570-823553/5**
**Matrix: Water**
**Analysis Batch: 823553**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | <2.0 | | 2.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| 1,1,1-Trichloroethane | <1.0 | | 1.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| 1,1,2,2-Tetrachloroethane | <1.0 | | 1.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <10 | | 10 | | ug/L | | | 10/29/26 17:29 | 1 |
| 1,1,2-Trichloroethane | <1.0 | | 1.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| 1,1-Dichloroethane | <1.0 | | 1.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| 1,1-Dichloroethene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| 1,1-Dichloropropene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| 1,2,3-Trichlorobenzene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| 1,2,3-Trichloropropane | <5.0 | | 5.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| 1,2,4-Trichlorobenzene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| 1,2,4-Trimethylbenzene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| 1,2-Dibromo-3-Chloropropane | <10 | | 10 | | ug/L | | | 10/29/26 17:29 | 1 |
| 1,2-Dichlorobenzene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| 1,2-Dichloroethane | <0.50 | | 0.50 | | ug/L | | | 10/29/26 17:29 | 1 |
| 1,2-Dichloropropane | <1.0 | | 1.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| 1,3,5-Trimethylbenzene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| 1,3-Dichlorobenzene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| 1,3-Dichloropropane | <1.0 | | 1.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| 1,4-Dichlorobenzene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| 2,2-Dichloropropane | <1.0 | | 1.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| 2-Butanone | <10 | | 10 | | ug/L | | | 10/29/26 17:29 | 1 |
| 2-Chlorotoluene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| 2-Hexanone | <10 | | 10 | | ug/L | | | 10/29/26 17:29 | 1 |
| 4-Chlorotoluene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| Acetone | <10 | | 10 | | ug/L | | | 10/29/26 17:29 | 1 |
| Benzene | <0.50 | | 0.50 | | ug/L | | | 10/29/26 17:29 | 1 |
| Bromobenzene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| Bromochloromethane | <2.0 | | 2.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| Bromodichloromethane | <1.0 | | 1.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| Bromoform | <5.0 | | 5.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| Bromomethane | <10 | | 10 | | ug/L | | | 10/29/26 17:29 | 1 |
| Carbon disulfide | <10 | | 10 | | ug/L | | | 10/29/26 17:29 | 1 |
| Carbon tetrachloride | <0.50 | | 0.50 | | ug/L | | | 10/29/26 17:29 | 1 |
| Chlorobenzene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| Chloroethane | <5.0 | | 5.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| Chloroform | <1.0 | | 1.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| Chloromethane | <10 | | 10 | | ug/L | | | 10/29/26 17:29 | 1 |
| cis-1,2-Dichloroethene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| cis-1,3-Dichloropropene | <0.50 | | 0.50 | | ug/L | | | 10/29/26 17:29 | 1 |
| Dibromochloromethane | <2.0 | | 2.0 | | ug/L | | | 10/29/26 17:29 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-823553/5**
**Matrix: Water**
**Analysis Batch: 823553**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Dibromomethane | <1.0 | | 1.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| Dichlorodifluoromethane | <5.0 | | 5.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| Diethyl ether | <10 | | 10 | | ug/L | | | 10/29/26 17:29 | 1 |
| Di-isopropyl ether (DIPE) | <2.0 | | 2.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| Ethanol | <100 | | 100 | | ug/L | | | 10/29/26 17:29 | 1 |
| Ethylbenzene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| Ethylene Dibromide | <1.0 | | 1.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| Ethyl-t-butyl ether (ETBE) | <2.0 | | 2.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| Hexachloro-1,3-butadiene | <10 | | 10 | | ug/L | | | 10/29/26 17:29 | 1 |
| Hexane | <5.0 | | 5.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| Isobutyl alcohol | <75 | | 75 | | ug/L | | | 10/29/26 17:29 | 1 |
| Isopropanol | <75 | | 75 | | ug/L | | | 10/29/26 17:29 | 1 |
| Isopropylbenzene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| m,p-Xylene | <2.0 | | 2.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| Methylene Chloride | <10 | | 10 | | ug/L | | | 10/29/26 17:29 | 1 |
| Methyl-t-Butyl Ether (MTBE) | <1.0 | | 1.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| MIBK | <10 | | 10 | | ug/L | | | 10/29/26 17:29 | 1 |
| Naphthalene | <10 | | 10 | | ug/L | | | 10/29/26 17:29 | 1 |
| n-Butylbenzene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| N-Propylbenzene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| o-Xylene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| p-Isopropyltoluene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| sec-Butylbenzene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| Styrene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| tert-Amyl alcohol | <50 | | 50 | | ug/L | | | 10/29/26 17:29 | 1 |
| Tert-amyl-methyl ether (TAME) | <2.0 | | 2.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| tert-Butyl alcohol (TBA) | <10 | | 10 | | ug/L | | | 10/29/26 17:29 | 1 |
| tert-Butylbenzene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| Tetrachloroethene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| Toluene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| trans-1,2-Dichloroethene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| trans-1,3-Dichloropropene | <0.50 | | 0.50 | | ug/L | | | 10/29/26 17:29 | 1 |
| Trichloroethene | <1.0 | | 1.0 | | ug/L | | | 10/29/26 17:29 | 1 |
| Trichlorofluoromethane | <10 | | 10 | | ug/L | | | 10/29/26 17:29 | 1 |
| Vinyl acetate | <10 | | 10 | | ug/L | | | 10/29/26 17:29 | 1 |
| Vinyl chloride | <0.50 | | 0.50 | | ug/L | | | 10/29/26 17:29 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *106* | | *77 - 124* | | *10/29/26 17:29* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | | *10/29/26 17:29* | *1* |
| *Dibromofluoromethane (Surr)* | *104* | | *80 - 120* | | *10/29/26 17:29* | *1* |
| *Toluene-d8 (Surr)* | *103* | | *80 - 120* | | *10/29/26 17:29* | *1* |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 570-823553/1002**
**Matrix: Water**
**Analysis Batch: 823553**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | 20.0 | 20.1 | | ug/L | | 100 | 70 - 130 |
| 1,1,1-Trichloroethane | 20.0 | 22.9 | | ug/L | | 114 | 70 - 130 |
| 1,1,2,2-Tetrachloroethane | 20.0 | 19.1 | | ug/L | | 95 | 70 - 130 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 20.0 | 21.5 | | ug/L | | 108 | 63 - 136 |
| 1,1,2-Trichloroethane | 20.0 | 19.5 | | ug/L | | 98 | 70 - 130 |
| 1,1-Dichloroethane | 20.0 | 19.2 | | ug/L | | 96 | 70 - 130 |
| 1,1-Dichloroethene | 20.0 | 19.7 | | ug/L | | 99 | 70 - 130 |
| 1,1-Dichloropropene | 20.0 | 21.8 | | ug/L | | 109 | 70 - 130 |
| 1,2,3-Trichlorobenzene | 20.0 | 20.0 | | ug/L | | 100 | 68 - 130 |
| 1,2,3-Trichloropropane | 20.0 | 19.4 | | ug/L | | 97 | 70 - 130 |
| 1,2,4-Trichlorobenzene | 20.0 | 20.7 | | ug/L | | 104 | 70 - 130 |
| 1,2,4-Trimethylbenzene | 20.0 | 21.5 | | ug/L | | 108 | 70 - 130 |
| 1,2-Dibromo-3-Chloropropane | 20.0 | 18.6 | | ug/L | | 93 | 63 - 130 |
| 1,2-Dichlorobenzene | 20.0 | 20.9 | | ug/L | | 104 | 70 - 130 |
| 1,2-Dichloroethane | 20.0 | 19.7 | | ug/L | | 98 | 70 - 130 |
| 1,2-Dichloropropane | 20.0 | 18.9 | | ug/L | | 95 | 70 - 130 |
| 1,3,5-Trimethylbenzene | 20.0 | 20.4 | | ug/L | | 102 | 70 - 130 |
| 1,3-Dichlorobenzene | 20.0 | 21.1 | | ug/L | | 106 | 70 - 130 |
| 1,3-Dichloropropane | 20.0 | 20.2 | | ug/L | | 101 | 70 - 130 |
| 1,4-Dichlorobenzene | 20.0 | 20.1 | | ug/L | | 100 | 70 - 130 |
| 2,2-Dichloropropane | 20.0 | 22.3 | | ug/L | | 112 | 63 - 130 |
| 2-Butanone | 20.0 | 19.3 | | ug/L | | 96 | 49 - 157 |
| 2-Chlorotoluene | 20.0 | 22.3 | | ug/L | | 111 | 70 - 130 |
| 2-Hexanone | 20.0 | 19.9 | | ug/L | | 100 | 54 - 140 |
| 4-Chlorotoluene | 20.0 | 22.7 | | ug/L | | 113 | 70 - 130 |
| Acetone | 20.0 | 13.0 | | ug/L | | 65 | 18 - 190 |
| Benzene | 20.0 | 20.0 | | ug/L | | 100 | 70 - 130 |
| Bromobenzene | 20.0 | 20.1 | | ug/L | | 100 | 70 - 130 |
| Bromochloromethane | 20.0 | 19.0 | | ug/L | | 95 | 70 - 130 |
| Bromodichloromethane | 20.0 | 19.9 | | ug/L | | 100 | 70 - 130 |
| Bromoform | 20.0 | 20.0 | | ug/L | | 100 | 70 - 130 |
| Bromomethane | 20.0 | 24.8 | | ug/L | | 124 | 39 - 177 |
| Carbon disulfide | 20.0 | 20.3 | | ug/L | | 102 | 69 - 130 |
| Carbon tetrachloride | 20.0 | 21.1 | | ug/L | | 105 | 70 - 130 |
| Chlorobenzene | 20.0 | 20.1 | | ug/L | | 100 | 70 - 130 |
| Chloroethane | 20.0 | 21.2 | | ug/L | | 106 | 63 - 133 |
| Chloroform | 20.0 | 19.8 | | ug/L | | 99 | 70 - 130 |
| Chloromethane | 20.0 | 16.0 | | ug/L | | 80 | 40 - 144 |
| cis-1,2-Dichloroethene | 20.0 | 20.6 | | ug/L | | 103 | 70 - 130 |
| cis-1,3-Dichloropropene | 20.0 | 20.0 | | ug/L | | 100 | 70 - 130 |
| Dibromochloromethane | 20.0 | 20.1 | | ug/L | | 100 | 70 - 130 |
| Dibromomethane | 20.0 | 19.5 | | ug/L | | 98 | 70 - 130 |
| Dichlorodifluoromethane | 20.0 | 18.2 | | ug/L | | 91 | 42 - 144 |
| Diethyl ether | 20.0 | 20.9 | | ug/L | | 105 | 70 - 131 |
| Di-isopropyl ether (DIPE) | 20.0 | 20.8 | | ug/L | | 104 | 69 - 131 |
| Ethanol | 200 | 222 | | ug/L | | 111 | 44 - 170 |
| Ethylbenzene | 20.0 | 20.7 | | ug/L | | 103 | 70 - 130 |
| Ethylene Dibromide | 20.0 | 18.9 | | ug/L | | 95 | 70 - 130 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 570-823553/1002**
**Matrix: Water**
**Analysis Batch: 823553**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Ethyl-t-butyl ether (ETBE) | 20.0 | 19.1 | | ug/L | | 95 | 69 - 130 |
| Isopropylbenzene | 20.0 | 20.0 | | ug/L | | 100 | 70 - 130 |
| m,p-Xylene | 40.0 | 45.1 | | ug/L | | 113 | 70 - 130 |
| Methylene Chloride | 20.0 | 19.6 | | ug/L | | 98 | 70 - 130 |
| Methyl-t-Butyl Ether (MTBE) | 20.0 | 19.0 | | ug/L | | 95 | 69 - 130 |
| MIBK | 20.0 | 16.2 | | ug/L | | 81 | 63 - 130 |
| Naphthalene | 20.0 | 18.3 | | ug/L | | 92 | 63 - 130 |
| n-Butylbenzene | 20.0 | 22.6 | | ug/L | | 113 | 70 - 130 |
| N-Propylbenzene | 20.0 | 21.4 | | ug/L | | 107 | 70 - 130 |
| o-Xylene | 20.0 | 21.7 | | ug/L | | 109 | 70 - 130 |
| p-Isopropyltoluene | 20.0 | 21.8 | | ug/L | | 109 | 70 - 130 |
| sec-Butylbenzene | 20.0 | 21.1 | | ug/L | | 105 | 70 - 130 |
| Styrene | 20.0 | 19.3 | | ug/L | | 96 | 70 - 130 |
| tert-Amyl alcohol | 100 | 78.7 | | ug/L | | 79 | 40 - 147 |
| Tert-amyl-methyl ether (TAME) | 20.0 | 18.9 | | ug/L | | 94 | 69 - 130 |
| tert-Butyl alcohol (TBA) | 100 | 95.5 | | ug/L | | 96 | 68 - 130 |
| tert-Butylbenzene | 20.0 | 20.3 | | ug/L | | 102 | 70 - 130 |
| Tetrachloroethene | 20.0 | 20.5 | | ug/L | | 102 | 70 - 130 |
| Toluene | 20.0 | 20.4 | | ug/L | | 102 | 70 - 130 |
| trans-1,2-Dichloroethene | 20.0 | 20.4 | | ug/L | | 102 | 70 - 130 |
| trans-1,3-Dichloropropene | 20.0 | 19.4 | | ug/L | | 97 | 70 - 130 |
| Trichloroethene | 20.0 | 22.3 | | ug/L | | 111 | 70 - 130 |
| Trichlorofluoromethane | 20.0 | 22.6 | | ug/L | | 113 | 64 - 137 |
| Vinyl acetate | 20.0 | 18.9 | | ug/L | | 94 | 58 - 130 |
| Vinyl chloride | 20.0 | 18.4 | | ug/L | | 92 | 64 - 130 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *107* | | *77 - 124* |
| *4-Bromofluorobenzene (Surr)* | *103* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *103* | | *80 - 120* |
| *Toluene-d8 (Surr)* | *104* | | *80 - 120* |

**Lab Sample ID: LCSD 570-823553/3**
**Matrix: Water**
**Analysis Batch: 823553**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | 20.0 | 19.8 | | ug/L | | 99 | 70 - 130 | 1 | 20 |
| 1,1,1-Trichloroethane | 20.0 | 22.2 | | ug/L | | 111 | 70 - 130 | 3 | 20 |
| 1,1,2,2-Tetrachloroethane | 20.0 | 19.6 | | ug/L | | 98 | 70 - 130 | 3 | 20 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 20.0 | 20.6 | | ug/L | | 103 | 63 - 136 | 4 | 20 |
| 1,1,2-Trichloroethane | 20.0 | 19.3 | | ug/L | | 97 | 70 - 130 | 1 | 20 |
| 1,1-Dichloroethane | 20.0 | 18.8 | | ug/L | | 94 | 70 - 130 | 2 | 20 |
| 1,1-Dichloroethene | 20.0 | 18.7 | | ug/L | | 94 | 70 - 130 | 5 | 20 |
| 1,1-Dichloropropene | 20.0 | 21.3 | | ug/L | | 106 | 70 - 130 | 2 | 20 |
| 1,2,3-Trichlorobenzene | 20.0 | 19.1 | | ug/L | | 96 | 68 - 130 | 5 | 20 |
| 1,2,3-Trichloropropane | 20.0 | 20.2 | | ug/L | | 101 | 70 - 130 | 4 | 20 |
| 1,2,4-Trichlorobenzene | 20.0 | 20.4 | | ug/L | | 102 | 70 - 130 | 2 | 20 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCSD 570-823553/3**
**Matrix: Water**
**Analysis Batch: 823553**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| 1,2,4-Trimethylbenzene | 20.0 | 20.6 | | ug/L | | 103 | 70 - 130 | 4 | 20 |
| 1,2-Dibromo-3-Chloropropane | 20.0 | 19.7 | | ug/L | | 98 | 63 - 130 | 6 | 21 |
| 1,2-Dichlorobenzene | 20.0 | 20.7 | | ug/L | | 104 | 70 - 130 | 1 | 20 |
| 1,2-Dichloroethane | 20.0 | 19.1 | | ug/L | | 95 | 70 - 130 | 3 | 20 |
| 1,2-Dichloropropane | 20.0 | 18.6 | | ug/L | | 93 | 70 - 130 | 2 | 20 |
| 1,3,5-Trimethylbenzene | 20.0 | 19.4 | | ug/L | | 97 | 70 - 130 | 5 | 20 |
| 1,3-Dichlorobenzene | 20.0 | 20.8 | | ug/L | | 104 | 70 - 130 | 2 | 20 |
| 1,3-Dichloropropane | 20.0 | 19.5 | | ug/L | | 97 | 70 - 130 | 3 | 20 |
| 1,4-Dichlorobenzene | 20.0 | 19.8 | | ug/L | | 99 | 70 - 130 | 1 | 20 |
| 2,2-Dichloropropane | 20.0 | 21.4 | | ug/L | | 107 | 63 - 130 | 4 | 20 |
| 2-Butanone | 20.0 | 20.2 | | ug/L | | 101 | 49 - 157 | 4 | 24 |
| 2-Chlorotoluene | 20.0 | 20.2 | | ug/L | | 101 | 70 - 130 | 10 | 20 |
| 2-Hexanone | 20.0 | 20.8 | | ug/L | | 104 | 54 - 140 | 4 | 24 |
| 4-Chlorotoluene | 20.0 | 20.8 | | ug/L | | 104 | 70 - 130 | 9 | 20 |
| Acetone | 20.0 | 15.4 | | ug/L | | 77 | 18 - 190 | 17 | 20 |
| Benzene | 20.0 | 19.4 | | ug/L | | 97 | 70 - 130 | 3 | 20 |
| Bromobenzene | 20.0 | 19.3 | | ug/L | | 97 | 70 - 130 | 4 | 20 |
| Bromochloromethane | 20.0 | 20.1 | | ug/L | | 101 | 70 - 130 | 6 | 20 |
| Bromodichloromethane | 20.0 | 19.5 | | ug/L | | 97 | 70 - 130 | 2 | 20 |
| Bromoform | 20.0 | 19.8 | | ug/L | | 99 | 70 - 130 | 1 | 20 |
| Bromomethane | 20.0 | 22.7 | | ug/L | | 114 | 39 - 177 | 9 | 22 |
| Carbon disulfide | 20.0 | 19.9 | | ug/L | | 99 | 69 - 130 | 2 | 20 |
| Carbon tetrachloride | 20.0 | 20.5 | | ug/L | | 103 | 70 - 130 | 3 | 20 |
| Chlorobenzene | 20.0 | 19.9 | | ug/L | | 100 | 70 - 130 | 1 | 20 |
| Chloroethane | 20.0 | 20.2 | | ug/L | | 101 | 63 - 133 | 5 | 20 |
| Chloroform | 20.0 | 19.4 | | ug/L | | 97 | 70 - 130 | 2 | 20 |
| Chloromethane | 20.0 | 17.0 | | ug/L | | 85 | 40 - 144 | 6 | 20 |
| cis-1,2-Dichloroethene | 20.0 | 20.3 | | ug/L | | 102 | 70 - 130 | 2 | 20 |
| cis-1,3-Dichloropropene | 20.0 | 19.7 | | ug/L | | 99 | 70 - 130 | 2 | 20 |
| Dibromochloromethane | 20.0 | 20.0 | | ug/L | | 100 | 70 - 130 | 1 | 20 |
| Dibromomethane | 20.0 | 19.6 | | ug/L | | 98 | 70 - 130 | 0 | 20 |
| Dichlorodifluoromethane | 20.0 | 17.4 | | ug/L | | 87 | 42 - 144 | 5 | 20 |
| Diethyl ether | 20.0 | 20.3 | | ug/L | | 101 | 70 - 131 | 3 | 20 |
| Di-isopropyl ether (DIPE) | 20.0 | 20.4 | | ug/L | | 102 | 69 - 131 | 2 | 20 |
| Ethanol | 200 | 214 | | ug/L | | 107 | 44 - 170 | 4 | 30 |
| Ethylbenzene | 20.0 | 20.4 | | ug/L | | 102 | 70 - 130 | 1 | 20 |
| Ethylene Dibromide | 20.0 | 17.7 | | ug/L | | 88 | 70 - 130 | 7 | 20 |
| Ethyl-t-butyl ether (ETBE) | 20.0 | 18.9 | | ug/L | | 95 | 69 - 130 | 1 | 20 |
| Isopropylbenzene | 20.0 | 19.2 | | ug/L | | 96 | 70 - 130 | 4 | 20 |
| m,p-Xylene | 40.0 | 42.4 | | ug/L | | 106 | 70 - 130 | 6 | 20 |
| Methylene Chloride | 20.0 | 19.6 | | ug/L | | 98 | 70 - 130 | 0 | 20 |
| Methyl-t-Butyl Ether (MTBE) | 20.0 | 19.5 | | ug/L | | 97 | 69 - 130 | 2 | 20 |
| MIBK | 20.0 | 17.4 | | ug/L | | 87 | 63 - 130 | 8 | 20 |
| Naphthalene | 20.0 | 18.9 | | ug/L | | 95 | 63 - 130 | 3 | 20 |
| n-Butylbenzene | 20.0 | 21.8 | | ug/L | | 109 | 70 - 130 | 4 | 20 |
| N-Propylbenzene | 20.0 | 20.7 | | ug/L | | 103 | 70 - 130 | 4 | 20 |
| o-Xylene | 20.0 | 20.8 | | ug/L | | 104 | 70 - 130 | 4 | 20 |
| p-Isopropyltoluene | 20.0 | 21.2 | | ug/L | | 106 | 70 - 130 | 3 | 20 |
| sec-Butylbenzene | 20.0 | 20.1 | | ug/L | | 101 | 70 - 130 | 4 | 20 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCSD 570-823553/3**
**Matrix: Water**
**Analysis Batch: 823553**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Styrene | | | 20.0 | 18.6 | | ug/L | | 93 | 70 - 130 | 3 | 20 |
| tert-Amyl alcohol | | | 100 | 83.1 | | ug/L | | 83 | 40 - 147 | 5 | 30 |
| Tert-amyl-methyl ether (TAME) | | | 20.0 | 18.7 | | ug/L | | 94 | 69 - 130 | 1 | 20 |
| tert-Butyl alcohol (TBA) | | | 100 | 91.8 | | ug/L | | 92 | 68 - 130 | 4 | 23 |
| tert-Butylbenzene | | | 20.0 | 19.8 | | ug/L | | 99 | 70 - 130 | 2 | 20 |
| Tetrachloroethene | | | 20.0 | 19.5 | | ug/L | | 98 | 70 - 130 | 5 | 20 |
| Toluene | | | 20.0 | 19.6 | | ug/L | | 98 | 70 - 130 | 4 | 20 |
| trans-1,2-Dichloroethene | | | 20.0 | 20.4 | | ug/L | | 102 | 70 - 130 | 0 | 20 |
| trans-1,3-Dichloropropene | | | 20.0 | 19.5 | | ug/L | | 97 | 70 - 130 | 0 | 20 |
| Trichloroethene | | | 20.0 | 21.3 | | ug/L | | 106 | 70 - 130 | 5 | 20 |
| Trichlorofluoromethane | | | 20.0 | 21.6 | | ug/L | | 108 | 64 - 137 | 5 | 20 |
| Vinyl acetate | | | 20.0 | 17.4 | | ug/L | | 87 | 58 - 130 | 8 | 20 |
| Vinyl chloride | | | 20.0 | 18.4 | | ug/L | | 92 | 64 - 130 | 0 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *106* | | *77 - 124* |
| *4-Bromofluorobenzene (Surr)* | *98* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *103* | | *80 - 120* |
| *Toluene-d8 (Surr)* | *105* | | *80 - 120* |

## Method: 625.1 - Semivolatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 570-822434/1-A**
**Matrix: Water**
**Analysis Batch: 825353**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 822434**

| *Tentatively Identified Compound* | *MB Est. Result* | *MB Qualifier* | *Unit* | *D* | *RT* | *CAS No.* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|---|---|---|
| *Tentatively Identified Compound* | *None* | | *ug/L* | | | *N/A* | *10/27/26 19:31* | *11/02/26 20:30* | *1* |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2,4,6-Tribromophenol (Surr)* | *54* | | *33 - 139* | *10/27/26 19:31* | *11/02/26 20:30* | *1* |
| *2-Fluorobiphenyl (Surr)* | *75* | | *33 - 126* | *10/27/26 19:31* | *11/02/26 20:30* | *1* |
| *2-Fluorophenol (Surr)* | *47* | | *12 - 120* | *10/27/26 19:31* | *11/02/26 20:30* | *1* |
| *Nitrobenzene-d5 (Surr)* | *77* | | *36 - 120* | *10/27/26 19:31* | *11/02/26 20:30* | *1* |
| *Phenol-d6 (Surr)* | *27* | | *10 - 120* | *10/27/26 19:31* | *11/02/26 20:30* | *1* |
| *p-Terphenyl-d14 (Surr)* | *97* | | *47 - 131* | *10/27/26 19:31* | *11/02/26 20:30* | *1* |

## Method: 625.1 SIM - Semivolatile Organic Compounds GC/MS (SIM)

**Lab Sample ID: MB 570-822434/1-A**
**Matrix: Water**
**Analysis Batch: 824444**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 822434**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | <0.20 | | 0.20 | | ug/L | | 10/27/26 19:31 | 10/30/26 23:08 | 1 |
| 2-Methylnaphthalene | <0.20 | | 0.20 | | ug/L | | 10/27/26 19:31 | 10/30/26 23:08 | 1 |
| Acenaphthene | <0.20 | | 0.20 | | ug/L | | 10/27/26 19:31 | 10/30/26 23:08 | 1 |
| Acenaphthylene | <0.20 | | 0.20 | | ug/L | | 10/27/26 19:31 | 10/30/26 23:08 | 1 |

## Method: 625.1 SIM - Semivolatile Organic Compounds GC/MS (SIM) (Continued)

**Lab Sample ID: MB 570-822434/1-A**
**Matrix: Water**
**Analysis Batch: 824444**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 822434**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Anthracene | <0.20 | | 0.20 | | ug/L | | 10/27/26 19:31 | 10/30/26 23:08 | 1 |
| Benzo[a]anthracene | <0.20 | | 0.20 | | ug/L | | 10/27/26 19:31 | 10/30/26 23:08 | 1 |
| Benzo[a]pyrene | <0.20 | | 0.20 | | ug/L | | 10/27/26 19:31 | 10/30/26 23:08 | 1 |
| Benzo[b]fluoranthene | <0.20 | | 0.20 | | ug/L | | 10/27/26 19:31 | 10/30/26 23:08 | 1 |
| Benzo[g,h,i]perylene | <0.20 | | 0.20 | | ug/L | | 10/27/26 19:31 | 10/30/26 23:08 | 1 |
| Benzo[k]fluoranthene | <0.20 | | 0.20 | | ug/L | | 10/27/26 19:31 | 10/30/26 23:08 | 1 |
| Chrysene | <0.20 | | 0.20 | | ug/L | | 10/27/26 19:31 | 10/30/26 23:08 | 1 |
| Dibenz(a,h)anthracene | <0.20 | | 0.20 | | ug/L | | 10/27/26 19:31 | 10/30/26 23:08 | 1 |
| Fluoranthene | <0.20 | | 0.20 | | ug/L | | 10/27/26 19:31 | 10/30/26 23:08 | 1 |
| Fluorene | <0.20 | | 0.20 | | ug/L | | 10/27/26 19:31 | 10/30/26 23:08 | 1 |
| Indeno[1,2,3-cd]pyrene | <0.20 | | 0.20 | | ug/L | | 10/27/26 19:31 | 10/30/26 23:08 | 1 |
| Naphthalene | <0.20 | | 0.20 | | ug/L | | 10/27/26 19:31 | 10/30/26 23:08 | 1 |
| Phenanthrene | <0.20 | | 0.20 | | ug/L | | 10/27/26 19:31 | 10/30/26 23:08 | 1 |
| Pyrene | <0.20 | | 0.20 | | ug/L | | 10/27/26 19:31 | 10/30/26 23:08 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2,4,6-Tribromophenol (Surr)* | *76* | | *28 - 127* | *10/27/26 19:31* | *10/30/26 23:08* | *1* |
| *2-Fluorobiphenyl (Surr)* | *66* | | *31 - 120* | *10/27/26 19:31* | *10/30/26 23:08* | *1* |
| *2-Fluorophenol (Surr)* | *49* | | *17 - 120* | *10/27/26 19:31* | *10/30/26 23:08* | *1* |
| *Nitrobenzene-d5 (Surr)* | *73* | | *27 - 120* | *10/27/26 19:31* | *10/30/26 23:08* | *1* |
| *Phenol-d6 (Surr)* | *27* | | *10 - 120* | *10/27/26 19:31* | *10/30/26 23:08* | *1* |
| *p-Terphenyl-d14 (Surr)* | *86* | | *45 - 120* | *10/27/26 19:31* | *10/30/26 23:08* | *1* |

**Lab Sample ID: LCS 570-822434/2-A**
**Matrix: Water**
**Analysis Batch: 824444**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 822434**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | | | 20.0 | 11.3 | | ug/L | | 57 | 47 - 120 | | |
| 2-Methylnaphthalene | | | 20.0 | 11.4 | | ug/L | | 57 | 43 - 120 | | |
| Acenaphthene | | | 20.0 | 15.1 | | ug/L | | 75 | 60 - 132 | | |
| Acenaphthylene | | | 20.0 | 15.1 | | ug/L | | 75 | 54 - 126 | | |
| Anthracene | | | 20.0 | 16.0 | | ug/L | | 80 | 43 - 120 | | |
| Benzo[a]anthracene | | | 20.0 | 17.4 | | ug/L | | 87 | 42 - 133 | | |
| Benzo[a]pyrene | | | 20.0 | 18.1 | | ug/L | | 91 | 32 - 148 | | |
| Benzo[b]fluoranthene | | | 20.0 | 17.9 | | ug/L | | 89 | 42 - 140 | | |
| Benzo[g,h,i]perylene | | | 20.0 | 17.1 | | ug/L | | 85 | 1 - 195 | | |
| Benzo[k]fluoranthene | | | 20.0 | 17.3 | | ug/L | | 86 | 25 - 146 | | |
| Chrysene | | | 20.0 | 16.7 | | ug/L | | 83 | 44 - 140 | | |
| Dibenz(a,h)anthracene | | | 20.0 | 17.5 | | ug/L | | 88 | 1 - 200 | | |
| Fluoranthene | | | 20.0 | 17.1 | | ug/L | | 85 | 43 - 121 | | |
| Fluorene | | | 20.0 | 15.5 | | ug/L | | 77 | 70 - 120 | | |
| Indeno[1,2,3-cd]pyrene | | | 20.0 | 17.3 | | ug/L | | 87 | 1 - 151 | | |
| Naphthalene | | | 20.0 | 10.6 | | ug/L | | 53 | 36 - 120 | | |
| Phenanthrene | | | 20.0 | 16.5 | | ug/L | | 83 | 65 - 120 | | |
| Pyrene | | | 20.0 | 17.4 | | ug/L | | 87 | 70 - 120 | | |

## Method: 625.1 SIM - Semivolatile Organic Compounds GC/MS (SIM) (Continued)

**Lab Sample ID: LCS 570-822434/2-A**
**Matrix: Water**
**Analysis Batch: 824444**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 822434**

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *2,4,6-Tribromophenol (Surr)* | *91* | | *28 - 127* |
| *2-Fluorobiphenyl (Surr)* | *87* | | *31 - 120* |
| *2-Fluorophenol (Surr)* | *67* | | *17 - 120* |
| *Nitrobenzene-d5 (Surr)* | *71* | | *27 - 120* |
| *Phenol-d6 (Surr)* | *38* | | *10 - 120* |
| *p-Terphenyl-d14 (Surr)* | *98* | | *45 - 120* |

**Lab Sample ID: LCSD 570-822434/3-A**
**Matrix: Water**
**Analysis Batch: 824444**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 822434**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | | | 20.0 | 11.3 | | ug/L | | 57 | 47 - 120 | 0 | 20 |
| 2-Methylnaphthalene | | | 20.0 | 11.5 | | ug/L | | 58 | 43 - 120 | 1 | 20 |
| Acenaphthene | | | 20.0 | 14.7 | | ug/L | | 73 | 60 - 132 | 3 | 29 |
| Acenaphthylene | | | 20.0 | 15.0 | | ug/L | | 75 | 54 - 126 | 1 | 45 |
| Anthracene | | | 20.0 | 16.3 | | ug/L | | 82 | 43 - 120 | 2 | 40 |
| Benzo[a]anthracene | | | 20.0 | 18.2 | | ug/L | | 91 | 42 - 133 | 5 | 32 |
| Benzo[a]pyrene | | | 20.0 | 19.2 | | ug/L | | 96 | 32 - 148 | 6 | 43 |
| Benzo[b]fluoranthene | | | 20.0 | 19.7 | | ug/L | | 99 | 42 - 140 | 10 | 43 |
| Benzo[g,h,i]perylene | | | 20.0 | 18.1 | | ug/L | | 91 | 1 - 195 | 6 | 61 |
| Benzo[k]fluoranthene | | | 20.0 | 17.6 | | ug/L | | 88 | 25 - 146 | 2 | 38 |
| Chrysene | | | 20.0 | 17.6 | | ug/L | | 88 | 44 - 140 | 6 | 53 |
| Dibenz(a,h)anthracene | | | 20.0 | 18.5 | | ug/L | | 93 | 1 - 200 | 5 | 75 |
| Fluoranthene | | | 20.0 | 17.6 | | ug/L | | 88 | 43 - 121 | 3 | 40 |
| Fluorene | | | 20.0 | 15.4 | | ug/L | | 77 | 70 - 120 | 0 | 23 |
| Indeno[1,2,3-cd]pyrene | | | 20.0 | 18.6 | | ug/L | | 93 | 1 - 151 | 7 | 60 |
| Naphthalene | | | 20.0 | 10.7 | | ug/L | | 53 | 36 - 120 | 0 | 39 |
| Phenanthrene | | | 20.0 | 16.7 | | ug/L | | 83 | 65 - 120 | 1 | 24 |
| Pyrene | | | 20.0 | 17.7 | | ug/L | | 88 | 70 - 120 | 2 | 30 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *2,4,6-Tribromophenol (Surr)* | *88* | | *28 - 127* |
| *2-Fluorobiphenyl (Surr)* | *84* | | *31 - 120* |
| *2-Fluorophenol (Surr)* | *67* | | *17 - 120* |
| *Nitrobenzene-d5 (Surr)* | *70* | | *27 - 120* |
| *Phenol-d6 (Surr)* | *38* | | *10 - 120* |
| *p-Terphenyl-d14 (Surr)* | *101* | | *45 - 120* |

## Method: 8015B GRO LL - Gasoline Range Organics - (GC)

**Lab Sample ID: MB 570-823375/6**
**Matrix: Water**
**Analysis Batch: 823375**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| GRO (C6-C10) | <10 | | 10 | | ug/L | | | 10/29/26 12:50 | 1 |

## Method: 8015B GRO LL - Gasoline Range Organics - (GC) (Continued)

**Lab Sample ID: MB 570-823375/6**
**Matrix: Water**
**Analysis Batch: 823375**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 99 | | 38 - 134 | | 10/29/26 12:50 | 1 |

**Lab Sample ID: LCS 570-823375/3**
**Matrix: Water**
**Analysis Batch: 823375**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 400 | 322 | | ug/L | | 81 | 78 - 120 | | |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 91 | | 38 - 134 |

**Lab Sample ID: LCSD 570-823375/4**
**Matrix: Water**
**Analysis Batch: 823375**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 400 | 340 | | ug/L | | 85 | 78 - 120 | 5 | 10 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 96 | | 38 - 134 |

**Lab Sample ID: MRL 570-823375/5**
**Matrix: Water**
**Analysis Batch: 823375**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | MRL Result | MRL Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 10.0 | 14.6 | | ug/L | | 146 | 50 - 150 | | |

| Surrogate | MRL %Recovery | MRL Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 98 | | 38 - 134 |

**Lab Sample ID: 380-244052-A-1 MS**
**Matrix: Water**
**Analysis Batch: 823375**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | <10 | | 400 | 345 | | ug/L | | 86 | 68 - 122 | | |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 101 | | 38 - 134 |

## Method: 8015B GRO LL - Gasoline Range Organics - (GC) (Continued)

**Lab Sample ID: 380-244052-A-1 MSD**
**Matrix: Water**
**Analysis Batch: 823375**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | <10 | | 400 | 342 | | ug/L | | 85 | 68 - 122 | 1 | 18 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *106* | | *38 - 134* |

## Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level

**Lab Sample ID: MB 570-821050/1-A**
**Matrix: Water**
**Analysis Batch: 823299**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 821050**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics (C10-C24) | <25 | | 25 | | ug/L | | 10/25/26 09:40 | 10/29/26 09:09 | 1 |
| Motor Oil Range Organics [C24-C36] | <25 | | 25 | | ug/L | | 10/25/26 09:40 | 10/29/26 09:09 | 1 |
| C8-C18 | <25 | | 25 | | ug/L | | 10/25/26 09:40 | 10/29/26 09:09 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *110* | | *60 - 130* | *10/25/26 09:40* | *10/29/26 09:09* | *1* |

**Lab Sample ID: LCS 570-821050/2-A**
**Matrix: Water**
**Analysis Batch: 823299**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 821050**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| C10-C28 | | | 1600 | 1610 | | ug/L | | 101 | 56 - 127 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *n-Octacosane (Surr)* | *112* | | *60 - 130* |

**Lab Sample ID: LCSD 570-821050/3-A**
**Matrix: Water**
**Analysis Batch: 823299**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 821050**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| C10-C28 | | | 1600 | 1420 | | ug/L | | 89 | 56 - 127 | 13 | 23 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *n-Octacosane (Surr)* | *97* | | *60 - 130* |

**Lab Sample ID: MRL 570-821050/4-A**
**Matrix: Water**
**Analysis Batch: 824688**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 821050**

| Analyte | | | Spike Added | MRL Result | MRL Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| C10-C28 | | | 0.0200 | 0.0251 | | mg/L | | 125 | 50 - 150 | | |

## Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level (Continued)

**Lab Sample ID: MRL 570-821050/4-A**
**Matrix: Water**
**Analysis Batch: 824688**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 821050**

| *Surrogate* | *MRL %Recovery* | *MRL Qualifier* | *Limits* |
|---|---|---|---|
| *n-Octacosane (Surr)* | *97* | | *60 - 130* |

**Lab Sample ID: 380-244052-C-1-A MS**
**Matrix: Water**
**Analysis Batch: 824688**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 821050**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| C10-C28 | <26 | | 1620 | 1610 | | ug/L | | 99 | 70 - 130 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *n-Octacosane (Surr)* | *108* | | *60 - 130* |

**Lab Sample ID: 380-244052-C-1-B MSD**
**Matrix: Water**
**Analysis Batch: 824688**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 821050**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| C10-C28 | <26 | | 1620 | 1610 | | ug/L | | 99 | 70 - 130 | 0 | 20 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *n-Octacosane (Surr)* | *111* | | *60 - 130* |

## GC/MS VOA

### Analysis Batch: 822199

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 380-243679-2 | BWS2153-S1-TB | Total/NA | Water | 8260B | |
| 380-243679-3 | BWS2153-S1-FB | Total/NA | Water | 8260B | |
| MB 570-822199/5 | Method Blank | Total/NA | Water | 8260B | |
| LCS 570-822199/1002 | Lab Control Sample | Total/NA | Water | 8260B | |
| LCSD 570-822199/3 | Lab Control Sample Dup | Total/NA | Water | 8260B | |

### Analysis Batch: 822597

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 380-243679-2 - RA | BWS2153-S1-TB | Total/NA | Water | 8260B | |
| 380-243679-3 - RA | BWS2153-S1-FB | Total/NA | Water | 8260B | |
| MB 570-822597/6 | Method Blank | Total/NA | Water | 8260B | |
| LCS 570-822597/1003 | Lab Control Sample | Total/NA | Water | 8260B | |
| LCSD 570-822597/4 | Lab Control Sample Dup | Total/NA | Water | 8260B | |

### Analysis Batch: 823553

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 380-243679-1 | BWS2153-S1-AQ | Total/NA | Water | 8260B | |
| MB 570-823553/5 | Method Blank | Total/NA | Water | 8260B | |
| LCS 570-823553/1002 | Lab Control Sample | Total/NA | Water | 8260B | |
| LCSD 570-823553/3 | Lab Control Sample Dup | Total/NA | Water | 8260B | |

## GC/MS Semi VOA

### Prep Batch: 822434

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 380-243679-1 | BWS2153-S1-AQ | Total/NA | Water | 625.1 | |
| 380-243679-3 | BWS2153-S1-FB | Total/NA | Water | 625.1 | |
| MB 570-822434/1-A | Method Blank | Total/NA | Water | 625.1 | |
| LCS 570-822434/2-A | Lab Control Sample | Total/NA | Water | 625.1 | |
| LCSD 570-822434/3-A | Lab Control Sample Dup | Total/NA | Water | 625.1 | |

### Analysis Batch: 824444

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 380-243679-1 | BWS2153-S1-AQ | Total/NA | Water | 625.1 SIM | 822434 |
| 380-243679-3 | BWS2153-S1-FB | Total/NA | Water | 625.1 SIM | 822434 |
| MB 570-822434/1-A | Method Blank | Total/NA | Water | 625.1 SIM | 822434 |
| LCS 570-822434/2-A | Lab Control Sample | Total/NA | Water | 625.1 SIM | 822434 |
| LCSD 570-822434/3-A | Lab Control Sample Dup | Total/NA | Water | 625.1 SIM | 822434 |

### Analysis Batch: 825353

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 380-243679-1 | BWS2153-S1-AQ | Total/NA | Water | 625.1 | 822434 |
| 380-243679-3 | BWS2153-S1-FB | Total/NA | Water | 625.1 | 822434 |
| MB 570-822434/1-A | Method Blank | Total/NA | Water | 625.1 | 822434 |

## GC VOA

### Analysis Batch: 823375

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 380-243679-1 | BWS2153-S1-AQ | Total/NA | Water | 8015B GRO LL | |
| 380-243679-2 | BWS2153-S1-TB | Total/NA | Water | 8015B GRO LL | |
| 380-243679-3 | BWS2153-S1-FB | Total/NA | Water | 8015B GRO LL | |

## GC VOA (Continued)

### Analysis Batch: 823375 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 570-823375/6 | Method Blank | Total/NA | Water | 8015B GRO LL | |
| LCS 570-823375/3 | Lab Control Sample | Total/NA | Water | 8015B GRO LL | |
| LCSD 570-823375/4 | Lab Control Sample Dup | Total/NA | Water | 8015B GRO LL | |
| MRL 570-823375/5 | Lab Control Sample | Total/NA | Water | 8015B GRO LL | |
| 380-244052-A-1 MS | Matrix Spike | Total/NA | Water | 8015B GRO LL | |
| 380-244052-A-1 MSD | Matrix Spike Duplicate | Total/NA | Water | 8015B GRO LL | |

## GC Semi VOA

### Prep Batch: 821050

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 380-243679-1 | BWS2153-S1-AQ | Total/NA | Water | 3510C | |
| 380-243679-3 | BWS2153-S1-FB | Total/NA | Water | 3510C | |
| MB 570-821050/1-A | Method Blank | Total/NA | Water | 3510C | |
| LCS 570-821050/2-A | Lab Control Sample | Total/NA | Water | 3510C | |
| LCSD 570-821050/3-A | Lab Control Sample Dup | Total/NA | Water | 3510C | |
| MRL 570-821050/4-A | Lab Control Sample | Total/NA | Water | 3510C | |
| 380-244052-C-1-A MS | Matrix Spike | Total/NA | Water | 3510C | |
| 380-244052-C-1-B MSD | Matrix Spike Duplicate | Total/NA | Water | 3510C | |

### Analysis Batch: 823299

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 570-821050/1-A | Method Blank | Total/NA | Water | 8015B | 821050 |
| LCS 570-821050/2-A | Lab Control Sample | Total/NA | Water | 8015B | 821050 |
| LCSD 570-821050/3-A | Lab Control Sample Dup | Total/NA | Water | 8015B | 821050 |

### Analysis Batch: 824688

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 380-243679-1 | BWS2153-S1-AQ | Total/NA | Water | 8015B | 821050 |
| 380-243679-3 | BWS2153-S1-FB | Total/NA | Water | 8015B | 821050 |
| MRL 570-821050/4-A | Lab Control Sample | Total/NA | Water | 8015B | 821050 |
| 380-244052-C-1-A MS | Matrix Spike | Total/NA | Water | 8015B | 821050 |
| 380-244052-C-1-B MSD | Matrix Spike Duplicate | Total/NA | Water | 8015B | 821050 |

# Lab Chronicle

Client: City & County of Honolulu
Project/Site: INTERA - Red-Hill-Incident

Job ID: 380-243679-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

## Client Sample ID: BWS2153-S1-AQ

**Lab Sample ID: 380-243679-1**

**Date Collected: 10/21/26 09:30**
**Matrix: Water**
**Date Received: 10/22/26 10:05**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260B | | 1 | 823553 | N5PD | EET CAL 4 | 10/29/26 21:40 |
| Total/NA | Prep | 625.1 | | | 822434 | TIZL | EET CAL 4 | 10/27/26 19:31 |
| Total/NA | Analysis | 625.1 | | 1 | 825353 | S4EA | EET CAL 4 | 11/02/26 20:54 |
| Total/NA | Prep | 625.1 | | | 822434 | TIZL | EET CAL 4 | 10/27/26 19:31 |
| Total/NA | Analysis | 625.1 SIM | | 1 | 824444 | J7WE | EET CAL 4 | 10/31/26 01:00 |
| Total/NA | Analysis | 8015B GRO LL | | 1 | 823375 | A9VE | EET CAL 4 | 10/29/26 22:04 |
| Total/NA | Prep | 3510C | | | 821050 | TVD6 | EET CAL 4 | 10/25/26 09:41 |
| Total/NA | Analysis | 8015B | | 1 | 824688 | H6FE | EET CAL 4 | 10/31/26 19:54 |

## Client Sample ID: BWS2153-S1-TB

**Lab Sample ID: 380-243679-2**

**Date Collected: 10/21/26 09:30**
**Matrix: Water**
**Date Received: 10/22/26 10:05**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260B | RA | 1 | 822597 | U1MC | EET CAL 4 | 10/28/26 13:40 |
| Total/NA | Analysis | 8260B | | 1 | 822199 | N5PD | EET CAL 4 | 10/27/26 18:30 |
| Total/NA | Analysis | 8015B GRO LL | | 1 | 823375 | A9VE | EET CAL 4 | 10/29/26 14:29 |

## Client Sample ID: BWS2153-S1-FB

**Lab Sample ID: 380-243679-3**

**Date Collected: 10/21/26 09:30**
**Matrix: Water**
**Date Received: 10/22/26 10:05**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260B | RA | 1 | 822597 | U1MC | EET CAL 4 | 10/28/26 14:01 |
| Total/NA | Analysis | 8260B | | 1 | 822199 | N5PD | EET CAL 4 | 10/27/26 18:52 |
| Total/NA | Prep | 625.1 | | | 822434 | TIZL | EET CAL 4 | 10/27/26 19:31 |
| Total/NA | Analysis | 625.1 | | 1 | 825353 | S4EA | EET CAL 4 | 11/02/26 21:18 |
| Total/NA | Prep | 625.1 | | | 822434 | TIZL | EET CAL 4 | 10/27/26 19:31 |
| Total/NA | Analysis | 625.1 SIM | | 1 | 824444 | J7WE | EET CAL 4 | 10/31/26 05:29 |
| Total/NA | Analysis | 8015B GRO LL | | 1 | 823375 | A9VE | EET CAL 4 | 10/29/26 14:06 |
| Total/NA | Prep | 3510C | | | 821050 | TVD6 | EET CAL 4 | 10/25/26 09:41 |
| Total/NA | Analysis | 8015B | | 1 | 824688 | H6FE | EET CAL 4 | 10/31/26 20:15 |

**Laboratory References:**

EET CAL 4 = Eurofins Calscience  Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

# Accreditation/Certification Summary

Client: City & County of Honolulu
Project/Site: INTERA - Red-Hill-Incident

Job ID: 380-243679-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

## Laboratory: Eurofins Calscience

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| A2LA | Dept. of Defense ELAP | 7296.01 | 11-30-26 |
| A2LA | ISO/IEC 17025 | 7296.01 | 11-30-26 |
| Alaska (UST) | State | 25-005 | 03-02-27 |
| Arizona | State | AZ0830 | 11-16-26 |
| California | Los Angeles County Sanitation Districts | 9257304 | 07-31-28 |
| California | SCAQMD LAP | 17LA0919 | 11-30-26 |
| California | State | 3082 | 07-31-28 |
| Kansas | NELAP | E-10420 | 07-31-27 |
| Nevada | State | CA00111 | 07-31-27 |
| Oregon | NELAP | 4175 | 02-02-27 |
| Texas | NELAP | T104704499 | 07-31-27 |
| USDA | US Federal Programs | 525-23-159-97150 | 01-01-27 |
| Utah | NELAP | CA00111 | 02-28-27 |
| Washington | State | C916 | 10-11-27 |

# Method Summary

Client: City & County of Honolulu
Project/Site: INTERA - Red-Hill-Incident

Job ID: 380-243679-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

| Method | Method Description | Protocol | Laboratory |
|---|---|---|---|
| 8260B | Volatile Organic Compounds (GC/MS) | SW846 | EET CAL 4 |
| 625.1 | Semivolatile Organic Compounds (GC/MS) | EPA | EET CAL 4 |
| 625.1 SIM | Semivolatile Organic Compounds GC/MS (SIM) | EPA | EET CAL 4 |
| 8015B GRO LL | Gasoline Range Organics - (GC) | SW846 | EET CAL 4 |
| 8015B | Diesel Range Organics (DRO) (GC) Low Level | SW846 | EET CAL 4 |
| 3510C | Liquid-Liquid Extraction (Separatory Funnel) | SW846 | EET CAL 4 |
| 5030C | Purge and Trap | SW846 | EET CAL 4 |
| 625.1 | Liquid-Liquid Extraction | 40CFR136A | EET CAL 4 |

**Protocol References:**

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater ", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.
EPA = US Environmental Protection Agency
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

# Sample Summary

Client: City & County of Honolulu
Project/Site: INTERA - Red-Hill-Incident

Job ID: 380-243679-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Sample Origin |
|---|---|---|---|---|---|
| 380-243679-1 | BWS2153-S1-AQ | Water | 10/21/26 09:30 | 10/22/26 10:05 | Hawaii |
| 380-243679-2 | BWS2153-S1-TB | Water | 10/21/26 09:30 | 10/22/26 10:05 | Hawaii |
| 380-243679-3 | BWS2153-S1-FB | Water | 10/21/26 09:30 | 10/22/26 10:05 | Hawaii |

**Eurofins Pomona**
941 Corporate Center Drive
Pomona CA 91768-2642
Phone (626) 386-1100

# Chain of Custody Record

eurofins

380-243679 COC

| Client Information | Sampler: H Bentley (808) 321-0683 | Lab PM: Lopez, Maria | Carrier Tracking No(s): | COC No: |
|---|---|---|---|---|
| Client Contact: Mr Erwin Kawata | Phone: 858-205-0730 | E-Mail: Maria Lopez@et.eurofinsus com | State of Origin: Hawaii | Page: Page 1 of 1 |
| Company: City & County of Honolulu | PWSID: | | | Job #: |

| Address: 630 South Beretania Street | Due Date Requested: | Analysis Requested |
|---|---|---|
| City: Honolulu | TAT Requested (days): Standard | |
| State, Zip: HI 96843 | Compliance Project: Δ Yes X No | |
| Phone: 808-748-5066 | PO #: | |
| Email: ekawata@hbws org | WO #: | |
| Project Name: INTERA - Red-Hill-Incident | Project #: 38000861 | |
| Site: S1 | SSOW#: | |

Preservation Codes:
A - HCL
N - None
Other:

| Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air DW=Drinking Water) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8260B (MOD) Super Volatiles List | 8015B_GRO_LL - (MOD) GRO | 8015B_DRO_LL_CS - HNL Ranges C10-C24/C24-C36/C8-C18 | 625.1, 625.1_SIM | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | | | A | A | N | N | | |
| BWS2153-S1-AQ | 10/21/26 | 9.30 | G | Water | N | N | 4 | 4 | 3 | 2 | 13 | |
| BWS2153-S1-TB | | | G | Water | N | N | 2 | 2 | | | 4 | LAB FILLED TRIP BLANKS |
| BWS2153-S1-FB | | | G | Water | N | N | 3 | 2 | 1 | 2 | 8 | Field Reagant Blank |

*Possible Hazard Identification*
X Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

*Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)*
☐ Return To Client X Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements.

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: FedEx |
|---|---|---|---|

| Relinquished by: | Date/Time: 10/21/26 14:00 | Company: INTERA, INC | Received by: | Date/Time: 10/22/26 1045 | Company: EET |
|---|---|---|---|---|---|
| Relinquished by: | Date/Time: | Company: | Received by: | Date/Time: | Company: |
| Relinquished by: | Date/Time: | Company: | Received by: | Date/Time: | Company: |

| Custody Seals Intact: Δ Yes Δ No | Custody Seal No: | Cooler Temperature(s) °C and Other Remarks: 3.5/3.4 ICE FROZEN 7504 |
|---|---|---|

Ver: 05/06/2024

**Eurofins Pomona**
941 Corporate Center Drive
Pomona, CA 91768-2642
Phone: 626-386-1100

# Chain of Custody Record

eurofins | Envi

Loc: 380
**243679**

| | | | | |
|---|---|---|---|---|
| **Client Information (Sub Contract Lab)** | Sampler: N/A | Lab PM: Lopez, Maria | Carrier Tracking No(s): N/A | COC No: 380-396448.1 |
| Client Contact: Shipping/Receiving | Phone: N/A | E-Mail: Maria.Lopez@et.eurofinsus.com | State of Origin: Hawaii | Page: Page 1 of 1 |
| Company: Eurofins Environment Testing Southwest L | | Accreditations Required (See note): State - Hawaii | | Job #: 380-243679-1 |
| Address: 2841 Dow Avenue, Suite 100, | Due Date Requested: 11/2/2026 | | | Preservation Codes: - |
| City: Tustin | TAT Requested (days): N/A | | | |
| State, Zip: CA, 92780 | | | | |
| Phone: 714-895-5494(Tel) | PO #: N/A | | | |
| Email: N/A | WO #: N/A | | | |
| Project Name: INTERA - Red-Hill-Incident | Project #: 38000861 | | | |
| Site: Honolulu BWS Sites | SSOW#: N/A | | | Other: N/A |

**Analysis Requested**

| Sample Identification - Client ID (Lab ID) | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8260B/5030C(MOD) Super Volatiles List | 8015B_DRO_LL_CS/3510C_LLHNL Ranges: C10-C24/C24-C36/C8-C18 | 8015B_GRO_LL/5030C(MOD) GRO | 625.1_SIM/625_Prep(MOD) Extended PAH List | 625.1/625_Prep(MOD) Tentatively Identified Compounds (Hold) | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | | | | | | | | | |
| BWS2153-S1-AQ (380-243679-1) | 10/21/26 | 09:30 Hawaiian | G | Water | | | X | X | X | X | X | 13 | MRLs are needed. Confirm any hits >RL., MRLs are needed. |
| BWS2153-S1-TB (380-243679-2) | 10/21/26 | 09:30 Hawaiian | G | Water | | | X | | X | | | 4 | MRLs are needed. Confirm any hits >RL., MRLs are needed. |
| BWS2153-S1-FB (380-243679-3) | 10/21/26 | 09:30 Hawaiian | G | Water | | | X | X | X | X | X | 8 | MRLs are needed. Confirm any hits >RL., MRLs are needed. |

380-243679 Chain of Custody

Note: Since laboratory accreditations are subject to change, Eurofins Drinking Water and Wastewater West, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Drinking Water and Wastewater West, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater West, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater West, LLC.

| | | | |
|---|---|---|---|
| ***Possible Hazard Identification*** *Unconfirmed* | | ***Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months* | |
| Deliverable Requested: I, II, III, IV, Other (specify) | Primary Deliverable Rank: 2 | Special Instructions/QC Requirements: | |
| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |

| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
|---|---|---|---|---|---|
| Mark Urrutia | 10/22/26 1700 | EEAP | [signature] Leos | 10-22-26 1710 | WAT |
| [signature] Leos | 10-22-26 1815 | WAT | [signature] | 10/22/26 1815 | EL |
| | | | | | |

| Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 3.3/3.1 2.8/2.6 IR-3 |
|---|---|---|

Ver: 08/18/2026

# Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-243679-1

SDG Number: Site S1 625.1, 8015B_DRO/_GRO, 8260B

**Login Number: 243679**

**List Source: Eurofins Pomona**

**List Number: 1**

**Creator: Tran, Kristine**

| Question | Answer | Comment |
|---|---|---|
| The coolers custody seal, if present, is intact. | N/A | |
| Sample custody seals, if present, are intact. | N/A | |
| Samples were received on ice. | True | |
| Cooler(s) Temperature is acceptable. | True | |
| Cooler(s) Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and is legible. | True | |
| COC is filled out with all pertinent information. | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | True | |
| ClO4 headspace requirement met (>50% for CA, >30% for other states). | N/A | |
| Samples do not require splitting or compositing. | True | |
| Container provided by EEA | True | |

# Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-243679-1
SDG Number: Site S1 625.1, 8015B_DRO/_GRO, 8260B

**Login Number: 243679**
**List Number: 2**
**Creator: Mills, Mary**

**List Source: Eurofins Calscience**
**List Creation: 10/22/26 09:57 PM**

| Question | Answer | Comment |
|---|---|---|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | N/A | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | 3.1, 2.6 |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | N/A | Received project as a subcontract. |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | False | Headspace larger than 1/4" in one or more vials, one vial with accpt. headspace |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |