

## LAB CHRONICLE

|                 |                                  |                   |                        |
|-----------------|----------------------------------|-------------------|------------------------|
| <b>OrderID:</b> | Q3574                            | <b>OrderDate:</b> | 11/7/2025 10:02:13 AM  |
| <b>Client:</b>  | Pacific Commercial Services Inc. | <b>Project:</b>   | Kilo Pier              |
| <b>Contact:</b> | Wendi Zheng                      | <b>Location:</b>  | --Select--,J22,VOA Lab |

| LabID    | ClientID         | Matrix | Test          | Method   | Sample Date | Prep Date | Anal Date | Received |
|----------|------------------|--------|---------------|----------|-------------|-----------|-----------|----------|
| Q3574-01 | 304641-01 Liquid | Water  | VOC-TCLVOA-10 | 8260-Low | 11/04/25    |           | 11/12/25  | 11/07/25 |

**Hit Summary Sheet**  
**SW-846**

**SDG No.:** Q3574  
**Client:** Pacific Commercial Services Inc.

| Sample ID         | Client ID               | Matrix | Parameter                      | Concentration | C | MDL  | LOD  | RDL  | Units |
|-------------------|-------------------------|--------|--------------------------------|---------------|---|------|------|------|-------|
| <b>Client ID:</b> | <b>304641-01 Liquid</b> |        |                                |               |   |      |      |      |       |
| Q3574-01          | 304641-01 Liquid        | Water  | Acetone                        | 60.3          |   | 15.1 | 37.5 | 50.0 | ug/L  |
| Q3574-01          | 304641-01 Liquid        | Water  | Methylcyclohexane              | 11.7          |   | 1.60 | 5.00 | 10.0 | ug/L  |
| Q3574-01          | 304641-01 Liquid        | Water  | Trichloroethene                | 73.8          |   | 0.93 | 7.50 | 10.0 | ug/L  |
| Q3574-01          | 304641-01 Liquid        | Water  | Toluene                        | 43.7          |   | 1.40 | 5.00 | 10.0 | ug/L  |
| Q3574-01          | 304641-01 Liquid        | Water  | Ethyl Benzene                  | 24.6          |   | 1.30 | 5.00 | 10.0 | ug/L  |
| Q3574-01          | 304641-01 Liquid        | Water  | m/p-Xylenes                    | 110           |   | 2.40 | 10.0 | 20.0 | ug/L  |
| Q3574-01          | 304641-01 Liquid        | Water  | o-Xylene                       | 79.1          |   | 1.20 | 5.00 | 10.0 | ug/L  |
| Q3574-01          | 304641-01 Liquid        | Water  | Isopropylbenzene               | 4.60          | J | 1.20 | 5.00 | 10.0 | ug/L  |
|                   |                         |        | <b>Total Voc :</b>             |               |   | 408  |      |      |       |
| Q3574-01          | 304641-01 Liquid        | Water  | Dodecane                       | * 930         | J | 0    |      | 0    | ug/L  |
| Q3574-01          | 304641-01 Liquid        | Water  | Tridecane                      | * 600         | J | 0    |      | 0    | ug/L  |
| Q3574-01          | 304641-01 Liquid        | Water  | Undecane                       | * 770         | J | 0    |      | 0    | ug/L  |
| Q3574-01          | 304641-01 Liquid        | Water  | Undecane, 5-methyl-            | * 770         | J | 0    |      | 0    | ug/L  |
| Q3574-01          | 304641-01 Liquid        | Water  | Benzene, 2-ethenyl-1,4-dimethy | * 730         | J | 0    |      | 0    | ug/L  |
| Q3574-01          | 304641-01 Liquid        | Water  | Naphthalene, 1,2,3,4-tetrahydc | * 850         | J | 0    |      | 0    | ug/L  |
| Q3574-01          | 304641-01 Liquid        | Water  | Dodecane, 4,6-dimethyl-        | * 860         | J | 0    |      | 0    | ug/L  |
| Q3574-01          | 304641-01 Liquid        | Water  | trans-Decalin, 2-methyl-       | * 500         | J | 0    |      | 0    | ug/L  |
| Q3574-01          | 304641-01 Liquid        | Water  | n-propylbenzene                | * 31.5        | J | 1.30 |      | 10.0 | ug/L  |
| Q3574-01          | 304641-01 Liquid        | Water  | 1,3,5-Trimethylbenzene         | * 70.3        | J | 1.50 |      | 10.0 | ug/L  |
| Q3574-01          | 304641-01 Liquid        | Water  | 1,2,4-Trimethylbenzene         | * 260         | J | 1.40 |      | 10.0 | ug/L  |
| Q3574-01          | 304641-01 Liquid        | Water  | sec-Butylbenzene               | * 9.80        | J | 1.30 |      | 10.0 | ug/L  |
| Q3574-01          | 304641-01 Liquid        | Water  | p-Isopropyltoluene             | * 8.50        | J | 1.30 |      | 10.0 | ug/L  |
| Q3574-01          | 304641-01 Liquid        | Water  | n-Butylbenzene                 | * 65.8        | J | 1.50 |      | 10.0 | ug/L  |
|                   |                         |        | <b>Total Tics :</b>            |               |   | 6460 |      |      |       |
|                   |                         |        | <b>Total Concentration:</b>    |               |   | 6860 |      |      |       |



# SAMPLE DATA

## Report of Analysis

Client: Pacific Commercial Services Inc.  
Project: Kilo Pier  
Client Sample ID: 304641-01 Liquid  
Lab Sample ID: Q3574-01  
Analytical Method: 8260D  
Sample Wt/Vol: 5 mL

Level: LOW  
Final Vol: 5000 uL

Date Collected: 11/04/25  
Date Received: 11/07/25  
SDG No.: Q3574  
Matrix: Water  
% Solid: 0  
Test: VOC-TCLVOA-10

| CAS Number     | Parameter                      | Conc. | Qua. | DF | MDL  | LOD  | LOQ / CRQL | Units | Date Ana.      | BatchID  |
|----------------|--------------------------------|-------|------|----|------|------|------------|-------|----------------|----------|
| <b>TARGETS</b> |                                |       |      |    |      |      |            |       |                |          |
| 75-71-8        | Dichlorodifluoromethane        | 5.00  | U    | 10 | 2.20 | 5.00 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 74-87-3        | Chloromethane                  | 5.00  | U    | 10 | 3.20 | 5.00 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 75-01-4        | Vinyl Chloride                 | 7.50  | U    | 10 | 2.60 | 7.50 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 74-83-9        | Bromomethane                   | 37.5  | U    | 10 | 14.4 | 37.5 | 50.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 75-00-3        | Chloroethane                   | 7.50  | U    | 10 | 4.70 | 7.50 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 75-69-4        | Trichlorofluoromethane         | 5.00  | U    | 10 | 3.30 | 5.00 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 5.00  | U    | 10 | 2.50 | 5.00 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 75-35-4        | 1,1-Dichloroethene             | 7.50  | U    | 10 | 2.30 | 7.50 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 67-64-1        | Acetone                        | 60.3  |      | 10 | 15.1 | 37.5 | 50.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 75-15-0        | Carbon Disulfide               | 7.50  | U    | 10 | 2.10 | 7.50 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 1634-04-4      | Methyl tert-butyl Ether        | 5.00  | U    | 10 | 1.60 | 5.00 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 79-20-9        | Methyl Acetate                 | 7.50  | U    | 10 | 2.70 | 7.50 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 75-09-2        | Methylene Chloride             | 5.00  | U    | 10 | 2.80 | 5.00 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 156-60-5       | trans-1,2-Dichloroethene       | 5.00  | U    | 10 | 2.30 | 5.00 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 75-34-3        | 1,1-Dichloroethane             | 5.00  | U    | 10 | 2.30 | 5.00 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 110-82-7       | Cyclohexane                    | 25.0  | U    | 10 | 14.5 | 25.0 | 50.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 78-93-3        | 2-Butanone                     | 25.0  | U    | 10 | 9.80 | 25.0 | 50.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 56-23-5        | Carbon Tetrachloride           | 5.00  | U    | 10 | 2.50 | 5.00 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 156-59-2       | cis-1,2-Dichloroethene         | 7.50  | U    | 10 | 1.90 | 7.50 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 74-97-5        | Bromochloromethane             | 5.00  | U    | 10 | 2.20 | 5.00 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 67-66-3        | Chloroform                     | 5.00  | U    | 10 | 2.50 | 5.00 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 71-55-6        | 1,1,1-Trichloroethane          | 5.00  | U    | 10 | 2.00 | 5.00 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 108-87-2       | Methylcyclohexane              | 11.7  |      | 10 | 1.60 | 5.00 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 71-43-2        | Benzene                        | 5.00  | U    | 10 | 1.50 | 5.00 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 107-06-2       | 1,2-Dichloroethane             | 5.00  | U    | 10 | 2.20 | 5.00 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 79-01-6        | Trichloroethene                | 73.8  |      | 10 | 0.93 | 7.50 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 78-87-5        | 1,2-Dichloropropane            | 5.00  | U    | 10 | 2.00 | 5.00 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 75-27-4        | Bromodichloromethane           | 5.00  | U    | 10 | 2.20 | 5.00 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 108-10-1       | 4-Methyl-2-Pentanone           | 25.0  | U    | 10 | 6.80 | 25.0 | 50.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 108-88-3       | Toluene                        | 43.7  |      | 10 | 1.40 | 5.00 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 10061-02-6     | t-1,3-Dichloropropene          | 5.00  | U    | 10 | 1.70 | 5.00 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 10061-01-5     | cis-1,3-Dichloropropene        | 5.00  | U    | 10 | 1.60 | 5.00 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 79-00-5        | 1,1,2-Trichloroethane          | 5.00  | U    | 10 | 2.10 | 5.00 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 591-78-6       | 2-Hexanone                     | 25.0  | U    | 10 | 8.90 | 25.0 | 50.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 124-48-1       | Dibromochloromethane           | 5.00  | U    | 10 | 1.80 | 5.00 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 106-93-4       | 1,2-Dibromoethane              | 5.00  | U    | 10 | 1.50 | 5.00 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 127-18-4       | Tetrachloroethene              | 5.00  | U    | 10 | 2.30 | 5.00 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 108-90-7       | Chlorobenzene                  | 5.00  | U    | 10 | 1.20 | 5.00 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 100-41-4       | Ethyl Benzene                  | 24.6  |      | 10 | 1.30 | 5.00 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 179601-23-1    | m/p-Xylenes                    | 110   |      | 10 | 2.40 | 10.0 | 20.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 95-47-6        | o-Xylene                       | 79.1  |      | 10 | 1.20 | 5.00 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 100-42-5       | Styrene                        | 5.00  | U    | 10 | 1.50 | 5.00 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 75-25-2        | Bromoform                      | 5.00  | U    | 10 | 1.90 | 5.00 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |

## Report of Analysis

Client: Pacific Commercial Services Inc.  
Project: Kilo Pier  
Client Sample ID: 304641-01 Liquid  
Lab Sample ID: Q3574-01  
Analytical Method: 8260D  
Sample Wt/Vol: 5 mL

Level: LOW  
Final Vol: 5000 uL

Date Collected: 11/04/25  
Date Received: 11/07/25  
SDG No.: Q3574  
Matrix: Water  
% Solid: 0  
Test: VOC-TCLVOA-10

| CAS Number | Parameter                   | Conc. | Qua. | DF | MDL  | LOD  | LOQ / CRQL | Units | Date Ana.      | BatchID  |
|------------|-----------------------------|-------|------|----|------|------|------------|-------|----------------|----------|
| 98-82-8    | Isopropylbenzene            | 4.60  | J    | 10 | 1.20 | 5.00 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 79-34-5    | 1,1,2,2-Tetrachloroethane   | 5.00  | U    | 10 | 2.60 | 5.00 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 541-73-1   | 1,3-Dichlorobenzene         | 5.00  | U    | 10 | 1.60 | 5.00 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 106-46-7   | 1,4-Dichlorobenzene         | 5.00  | U    | 10 | 1.90 | 5.00 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 95-50-1    | 1,2-Dichlorobenzene         | 5.00  | U    | 10 | 1.60 | 5.00 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 96-12-8    | 1,2-Dibromo-3-Chloropropane | 7.50  | U    | 10 | 5.30 | 7.50 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 120-82-1   | 1,2,4-Trichlorobenzene      | 5.00  | U    | 10 | 2.00 | 5.00 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |
| 87-61-6    | 1,2,3-Trichlorobenzene      | 7.50  | U    | 10 | 2.00 | 7.50 | 10.0       | ug/L  | 11/12/25 14:02 | VX111225 |

### SURROGATES

|            |                       |      |  |  |          |      |         |
|------------|-----------------------|------|--|--|----------|------|---------|
| 17060-07-0 | 1,2-Dichloroethane-d4 | 46.5 |  |  | 81 - 118 | 93%  | SPK: 50 |
| 1868-53-7  | Dibromofluoromethane  | 41.0 |  |  | 80 - 119 | 82%  | SPK: 50 |
| 2037-26-5  | Toluene-d8            | 45.4 |  |  | 89 - 112 | 91%  | SPK: 50 |
| 460-00-4   | 4-Bromofluorobenzene  | 55.2 |  |  | 85 - 114 | 110% | SPK: 50 |

### INTERNAL STANDARDS

#### Area Count

|           |                        |        |
|-----------|------------------------|--------|
| 363-72-4  | Pentafluorobenzene     | 176000 |
| 540-36-3  | 1,4-Difluorobenzene    | 342000 |
| 3114-55-4 | Chlorobenzene-d5       | 349000 |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 176000 |

### TENTATIVE IDENTIFIED COMPOUNDS

|              |                                    |      |   |  |  |      |      |
|--------------|------------------------------------|------|---|--|--|------|------|
| 103-65-1     | n-propylbenzene                    | 31.5 | J |  |  | 11.3 | ug/L |
| 108-67-8     | 1,3,5-Trimethylbenzene             | 70.3 | J |  |  | 11.4 | ug/L |
| 95-63-6      | 1,2,4-Trimethylbenzene             | 260  | J |  |  | 11.7 | ug/L |
| 135-98-8     | sec-Butylbenzene                   | 9.80 | J |  |  | 11.9 | ug/L |
| 99-87-6      | p-Isopropyltoluene                 | 8.50 | J |  |  | 12.0 | ug/L |
| 104-51-8     | n-Butylbenzene                     | 65.8 | J |  |  | 12.3 | ug/L |
| 001120-21-4  | Undecane                           | 770  | J |  |  | 12.4 | ug/L |
| 1000152-47-3 | trans-Decalin, 2-methyl-           | 500  | J |  |  | 12.8 | ug/L |
| 001632-70-8  | Undecane, 5-methyl-                | 770  | J |  |  | 12.9 | ug/L |
| 000112-40-3  | Dodecane                           | 930  | J |  |  | 13.3 | ug/L |
| 002039-89-6  | Benzene, 2-ethenyl-1,4-dimethyl-   | 730  | J |  |  | 13.3 | ug/L |
| 061141-72-8  | Dodecane, 4,6-dimethyl-            | 860  | J |  |  | 13.8 | ug/L |
| 000629-50-5  | Tridecane                          | 600  | J |  |  | 14.0 | ug/L |
| 002809-64-5  | Naphthalene, 1,2,3,4-tetrahydro-5- | 850  | J |  |  | 14.2 | ug/L |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



# QC SUMMARY

## Surrogate Summary

SDG No.: Q3574

Client: Pacific Commercial Services Inc.

Analytical Method: SW8260-Low

| Lab Sample ID | Client ID        | Parameter             | Spike | Result | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------------|-----------------------|-------|--------|--------------|------|------------|------|
|               |                  |                       |       |        |              |      | Low        | High |
| Q3574-01      | 304641-01 Liquid | 1,2-Dichloroethane-d4 | 50    | 46.5   | 93           |      | 81         | 118  |
|               |                  | Dibromofluoromethane  | 50    | 41.0   | 82           |      | 80         | 119  |
|               |                  | Toluene-d8            | 50    | 45.4   | 91           |      | 89         | 112  |
|               |                  | 4-Bromofluorobenzene  | 50    | 55.2   | 110          |      | 85         | 114  |
| VX1112WBL01   | VX1112WBL01      | 1,2-Dichloroethane-d4 | 50    | 52.7   | 105          |      | 81         | 118  |
|               |                  | Dibromofluoromethane  | 50    | 43.8   | 88           |      | 80         | 119  |
|               |                  | Toluene-d8            | 50    | 49.9   | 100          |      | 89         | 112  |
|               |                  | 4-Bromofluorobenzene  | 50    | 55.6   | 111          |      | 85         | 114  |
| VX1112WBS01   | VX1112WBS01      | 1,2-Dichloroethane-d4 | 50    | 48.0   | 96           |      | 81         | 118  |
|               |                  | Dibromofluoromethane  | 50    | 47.7   | 95           |      | 80         | 119  |
|               |                  | Toluene-d8            | 50    | 52.2   | 104          |      | 89         | 112  |
|               |                  | 4-Bromofluorobenzene  | 50    | 49.4   | 99           |      | 85         | 114  |
| VX1112WBSD0   | VX1112WBSD01     | 1,2-Dichloroethane-d4 | 50    | 51.1   | 102          |      | 81         | 118  |
|               |                  | Dibromofluoromethane  | 50    | 46.6   | 93           |      | 80         | 119  |
|               |                  | Toluene-d8            | 50    | 51.7   | 103          |      | 89         | 112  |
|               |                  | 4-Bromofluorobenzene  | 50    | 50.9   | 102          |      | 85         | 114  |

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

|          |                                         |                    |                   |
|----------|-----------------------------------------|--------------------|-------------------|
| SDG No.: | <u>Q3574</u>                            | Analytical Method: | <u>SW8260-Low</u> |
| Client:  | <u>Pacific Commercial Services Inc.</u> | Datafile :         | <u>VX048566.D</u> |

| Lab Sample ID | Parameter                      | Spike | Result | Unit | Rec | RPD | Qual | Low | Limits<br>High | RPD |
|---------------|--------------------------------|-------|--------|------|-----|-----|------|-----|----------------|-----|
| VX1112WBS01   | Dichlorodifluoromethane        | 20    | 21.2   | ug/L | 106 |     |      | 32  | 152            |     |
|               | Chloromethane                  | 20    | 19.3   | ug/L | 97  |     |      | 50  | 139            |     |
|               | Vinyl chloride                 | 20    | 19.3   | ug/L | 97  |     |      | 58  | 137            |     |
|               | Bromomethane                   | 20    | 22.1   | ug/L | 111 |     |      | 53  | 141            |     |
|               | Chloroethane                   | 20    | 19.2   | ug/L | 96  |     |      | 60  | 138            |     |
|               | Trichlorofluoromethane         | 20    | 19.3   | ug/L | 97  |     |      | 65  | 141            |     |
|               | 1,1,2-Trichlorotrifluoroethane | 20    | 20.1   | ug/L | 101 |     |      | 70  | 136            |     |
|               | 1,1-Dichloroethene             | 20    | 18.9   | ug/L | 95  |     |      | 71  | 131            |     |
|               | Acetone                        | 100   | 93.1   | ug/L | 93  |     |      | 39  | 160            |     |
|               | Carbon disulfide               | 20    | 18.1   | ug/L | 91  |     |      | 64  | 133            |     |
|               | Methyl tert-butyl Ether        | 20    | 19.1   | ug/L | 96  |     |      | 71  | 124            |     |
|               | Methyl Acetate                 | 20    | 18.9   | ug/L | 95  |     |      | 56  | 136            |     |
|               | Methylene Chloride             | 20    | 19.0   | ug/L | 95  |     |      | 74  | 124            |     |
|               | trans-1,2-Dichloroethene       | 20    | 19.3   | ug/L | 97  |     |      | 75  | 124            |     |
|               | 1,1-Dichloroethane             | 20    | 19.2   | ug/L | 96  |     |      | 77  | 125            |     |
|               | Cyclohexane                    | 20    | 20.1   | ug/L | 101 |     |      | 71  | 130            |     |
|               | 2-Butanone                     | 100   | 96.3   | ug/L | 96  |     |      | 56  | 143            |     |
|               | Carbon Tetrachloride           | 20    | 18.5   | ug/L | 93  |     |      | 72  | 136            |     |
|               | cis-1,2-Dichloroethene         | 20    | 18.7   | ug/L | 94  |     |      | 78  | 123            |     |
|               | Bromochloromethane             | 20    | 18.2   | ug/L | 91  |     |      | 78  | 123            |     |
|               | Chloroform                     | 20    | 19.0   | ug/L | 95  |     |      | 79  | 124            |     |
|               | 1,1,1-Trichloroethane          | 20    | 18.9   | ug/L | 95  |     |      | 74  | 131            |     |
|               | Methylcyclohexane              | 20    | 19.6   | ug/L | 98  |     |      | 72  | 132            |     |
|               | Benzene                        | 20    | 18.4   | ug/L | 92  |     |      | 79  | 120            |     |
|               | 1,2-Dichloroethane             | 20    | 18.8   | ug/L | 94  |     |      | 73  | 128            |     |
|               | Trichloroethene                | 20    | 19.7   | ug/L | 99  |     |      | 79  | 123            |     |
|               | 1,2-Dichloropropane            | 20    | 20.0   | ug/L | 100 |     |      | 78  | 122            |     |
|               | Bromodichloromethane           | 20    | 20.7   | ug/L | 104 |     |      | 79  | 125            |     |
|               | 4-Methyl-2-Pentanone           | 100   | 110    | ug/L | 110 |     |      | 67  | 130            |     |
|               | Toluene                        | 20    | 22.1   | ug/L | 111 |     |      | 80  | 121            |     |
|               | t-1,3-Dichloropropene          | 20    | 19.7   | ug/L | 99  |     |      | 73  | 127            |     |
|               | cis-1,3-Dichloropropene        | 20    | 21.3   | ug/L | 106 |     |      | 75  | 124            |     |
|               | 1,1,2-Trichloroethane          | 20    | 21.8   | ug/L | 109 |     |      | 80  | 119            |     |
|               | 2-Hexanone                     | 100   | 110    | ug/L | 110 |     |      | 57  | 139            |     |
|               | Dibromochloromethane           | 20    | 21.0   | ug/L | 105 |     |      | 74  | 126            |     |
|               | 1,2-Dibromoethane              | 20    | 21.6   | ug/L | 108 |     |      | 77  | 121            |     |
|               | Tetrachloroethene              | 20    | 19.4   | ug/L | 97  |     |      | 74  | 129            |     |
|               | Chlorobenzene                  | 20    | 18.7   | ug/L | 94  |     |      | 82  | 118            |     |
|               | Ethyl Benzene                  | 20    | 19.1   | ug/L | 96  |     |      | 79  | 121            |     |
|               | m/p-Xylenes                    | 40    | 39.0   | ug/L | 98  |     |      | 80  | 121            |     |
|               | o-Xylene                       | 20    | 19.2   | ug/L | 96  |     |      | 78  | 122            |     |
|               | Styrene                        | 20    | 19.6   | ug/L | 98  |     |      | 78  | 123            |     |
|               | Bromoform                      | 20    | 18.5   | ug/L | 93  |     |      | 66  | 130            |     |
|               | Isopropylbenzene               | 20    | 20.2   | ug/L | 101 |     |      | 72  | 131            |     |
|               | 1,1,2,2-Tetrachloroethane      | 20    | 19.7   | ug/L | 99  |     |      | 71  | 121            |     |
|               | 1,3-Dichlorobenzene            | 20    | 19.3   | ug/L | 97  |     |      | 80  | 119            |     |
|               | 1,4-Dichlorobenzene            | 20    | 19.1   | ug/L | 96  |     |      | 79  | 118            |     |
|               | 1,2-Dichlorobenzene            | 20    | 19.4   | ug/L | 97  |     |      | 80  | 119            |     |



**Laboratory Control Sample/Laboratory Control Sample Duplicate Summary**

**SW-846**

|                 |                                         |                           |                   |
|-----------------|-----------------------------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q3574</u>                            | <b>Analytical Method:</b> | <u>SW8260-Low</u> |
| <b>Client:</b>  | <u>Pacific Commercial Services Inc.</u> | <b>Datafile :</b>         | <u>VX048566.D</u> |

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | Qual | Low | Limits | RPD |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|-----|--------|-----|
|               |                             |       |        |      |     |     |      |     | High   |     |
| VX1112WBS01   | 1,2-Dibromo-3-Chloropropane | 20    | 19.4   | ug/L | 97  |     |      | 62  | 128    |     |
|               | 1,2,4-Trichlorobenzene      | 20    | 18.2   | ug/L | 91  |     |      | 69  | 130    |     |
|               | 1,2,3-Trichlorobenzene      | 20    | 18.6   | ug/L | 93  |     |      | 69  | 129    |     |

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

|          |  |                                  |            |  |                    |  |            |
|----------|--|----------------------------------|------------|--|--------------------|--|------------|
| SDG No.: |  | Q3574                            | SW-846     |  | Analytical Method: |  | SW8260-Low |
| Client:  |  | Pacific Commercial Services Inc. | Datafile : |  | VX048567.D         |  |            |

| Lab Sample ID | Parameter                      | Spike | Result | Unit | Rec | RPD | Qual | Low | Limits High | RPD |
|---------------|--------------------------------|-------|--------|------|-----|-----|------|-----|-------------|-----|
| VX1112WBSD01  | Dichlorodifluoromethane        | 20    | 21.7   | ug/L | 109 | 3   |      | 32  | 152         | 20  |
|               | Chloromethane                  | 20    | 19.3   | ug/L | 97  | 0   |      | 50  | 139         | 20  |
|               | Vinyl chloride                 | 20    | 20.0   | ug/L | 100 | 3   |      | 58  | 137         | 20  |
|               | Bromomethane                   | 20    | 23.8   | ug/L | 119 | 7   |      | 53  | 141         | 20  |
|               | Chloroethane                   | 20    | 19.5   | ug/L | 98  | 2   |      | 60  | 138         | 20  |
|               | Trichlorofluoromethane         | 20    | 20.3   | ug/L | 102 | 5   |      | 65  | 141         | 20  |
|               | 1,1,2-Trichlorotrifluoroethane | 20    | 20.4   | ug/L | 102 | 1   |      | 70  | 136         | 20  |
|               | 1,1-Dichloroethene             | 20    | 19.8   | ug/L | 99  | 4   |      | 71  | 131         | 20  |
|               | Acetone                        | 100   | 100    | ug/L | 100 | 7   |      | 39  | 160         | 20  |
|               | Carbon disulfide               | 20    | 18.8   | ug/L | 94  | 3   |      | 64  | 133         | 20  |
|               | Methyl tert-butyl Ether        | 20    | 21.1   | ug/L | 106 | 10  |      | 71  | 124         | 20  |
|               | Methyl Acetate                 | 20    | 20.5   | ug/L | 103 | 8   |      | 56  | 136         | 20  |
|               | Methylene Chloride             | 20    | 20.0   | ug/L | 100 | 5   |      | 74  | 124         | 20  |
|               | trans-1,2-Dichloroethene       | 20    | 19.9   | ug/L | 100 | 3   |      | 75  | 124         | 20  |
|               | 1,1-Dichloroethane             | 20    | 20.5   | ug/L | 103 | 7   |      | 77  | 125         | 20  |
|               | Cyclohexane                    | 20    | 20.9   | ug/L | 104 | 3   |      | 71  | 130         | 20  |
|               | 2-Butanone                     | 100   | 110    | ug/L | 110 | 14  |      | 56  | 143         | 20  |
|               | Carbon Tetrachloride           | 20    | 18.4   | ug/L | 92  | 1   |      | 72  | 136         | 20  |
|               | cis-1,2-Dichloroethene         | 20    | 19.8   | ug/L | 99  | 5   |      | 78  | 123         | 20  |
|               | Bromochloromethane             | 20    | 19.3   | ug/L | 97  | 6   |      | 78  | 123         | 20  |
|               | Chloroform                     | 20    | 20.7   | ug/L | 104 | 9   |      | 79  | 124         | 20  |
|               | 1,1,1-Trichloroethane          | 20    | 19.8   | ug/L | 99  | 4   |      | 74  | 131         | 20  |
|               | Methylcyclohexane              | 20    | 19.9   | ug/L | 100 | 2   |      | 72  | 132         | 20  |
|               | Benzene                        | 20    | 18.7   | ug/L | 94  | 2   |      | 79  | 120         | 20  |
|               | 1,2-Dichloroethane             | 20    | 20.2   | ug/L | 101 | 7   |      | 73  | 128         | 20  |
|               | Trichloroethene                | 20    | 20.2   | ug/L | 101 | 2   |      | 79  | 123         | 20  |
|               | 1,2-Dichloropropane            | 20    | 20.9   | ug/L | 104 | 4   |      | 78  | 122         | 20  |
|               | Bromodichloromethane           | 20    | 21.8   | ug/L | 109 | 5   |      | 79  | 125         | 20  |
|               | 4-Methyl-2-Pentanone           | 100   | 120    | ug/L | 120 | 9   |      | 67  | 130         | 20  |
|               | Toluene                        | 20    | 22.4   | ug/L | 112 | 1   |      | 80  | 121         | 20  |
|               | t-1,3-Dichloropropene          | 20    | 21.0   | ug/L | 105 | 6   |      | 73  | 127         | 20  |
|               | cis-1,3-Dichloropropene        | 20    | 22.3   | ug/L | 112 | 6   |      | 75  | 124         | 20  |
|               | 1,1,2-Trichloroethane          | 20    | 23.3   | ug/L | 117 | 7   |      | 80  | 119         | 20  |
|               | 2-Hexanone                     | 100   | 120    | ug/L | 120 | 9   |      | 57  | 139         | 20  |
|               | Dibromochloromethane           | 20    | 23.0   | ug/L | 115 | 9   |      | 74  | 126         | 20  |
|               | 1,2-Dibromoethane              | 20    | 23.0   | ug/L | 115 | 6   |      | 77  | 121         | 20  |
|               | Tetrachloroethene              | 20    | 19.6   | ug/L | 98  | 1   |      | 74  | 129         | 20  |
|               | Chlorobenzene                  | 20    | 19.6   | ug/L | 98  | 4   |      | 82  | 118         | 20  |
|               | Ethyl Benzene                  | 20    | 19.4   | ug/L | 97  | 1   |      | 79  | 121         | 20  |
|               | m/p-Xylenes                    | 40    | 40.3   | ug/L | 101 | 3   |      | 80  | 121         | 20  |
|               | o-Xylene                       | 20    | 19.7   | ug/L | 99  | 3   |      | 78  | 122         | 20  |
|               | Styrene                        | 20    | 20.0   | ug/L | 100 | 2   |      | 78  | 123         | 20  |
|               | Bromoform                      | 20    | 19.7   | ug/L | 99  | 6   |      | 66  | 130         | 20  |
|               | Isopropylbenzene               | 20    | 20.0   | ug/L | 100 | 1   |      | 72  | 131         | 20  |
|               | 1,1,2,2-Tetrachloroethane      | 20    | 20.2   | ug/L | 101 | 2   |      | 71  | 121         | 20  |
|               | 1,3-Dichlorobenzene            | 20    | 19.4   | ug/L | 97  | 0   |      | 80  | 119         | 20  |
|               | 1,4-Dichlorobenzene            | 20    | 19.1   | ug/L | 96  | 0   |      | 79  | 118         | 20  |
|               | 1,2-Dichlorobenzene            | 20    | 19.4   | ug/L | 97  | 0   |      | 80  | 119         | 20  |

**Laboratory Control Sample/Laboratory Control Sample Duplicate Summary**

**SW-846**

|                 |                                         |                           |                   |
|-----------------|-----------------------------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q3574</u>                            | <b>Analytical Method:</b> | <u>SW8260-Low</u> |
| <b>Client:</b>  | <u>Pacific Commercial Services Inc.</u> | <b>Datafile :</b>         | <u>VX048567.D</u> |

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | Qual | Low | Limits<br>High | RPD |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|-----|----------------|-----|
| VX1112WBSD01  | 1,2-Dibromo-3-Chloropropane | 20    | 20.2   | ug/L | 101 | 4   |      | 62  | 128            | 20  |
|               | 1,2,4-Trichlorobenzene      | 20    | 18.8   | ug/L | 94  | 3   |      | 69  | 130            | 20  |
|               | 1,2,3-Trichlorobenzene      | 20    | 18.9   | ug/L | 95  | 2   |      | 69  | 129            | 20  |

VOLATILE METHOD BLANK SUMMARY

Client ID

VX1112WBL01

Lab Name: Alliance

Contract: PACI01

Lab Code: ACE

SDG NO.: Q3574

Lab File ID: VX048565.D

Lab Sample ID: VX1112WBL01

Date Analyzed: 11/12/2025

Time Analyzed: 10:00

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA\_X

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|-------------------|------------------|----------------|------------------|
| VX1112WBS01       | VX1112WBS01      | VX048566.D     | 11/12/2025       |
| VX1112WBSD01      | VX1112WBSD01     | VX048567.D     | 11/12/2025       |
| 304641-01 Liquid  | Q3574-01         | VX048576.D     | 11/12/2025       |

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: PACI01

Lab Code: ACE

SDG NO.: Q3574

Lab File ID: VX048515.D

BFB Injection Date: 11/07/2025

Instrument ID: MSVOA\_X

BFB Injection Time: 13:06

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: Y/N N

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 21.2                 |
| 75  | 30.0 - 60.0% of mass 95            | 56                   |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.8                  |
| 173 | Less than 2.0% of mass 174         | 1 ( 1.2 ) 1          |
| 174 | 50.0 - 100.0% of mass 95           | 77.2                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.7 ( 7.3 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 75.5 ( 97.9 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.7 ( 6.2 ) 2        |

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| CLIENT ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|-----------|---------------|-------------|---------------|---------------|
| VSTDIC001 | VSTDIC001     | VX048516.D  | 11/07/2025    | 13:35         |
| VSTDIC005 | VSTDIC005     | VX048517.D  | 11/07/2025    | 13:56         |
| VSTDIC020 | VSTDIC020     | VX048518.D  | 11/07/2025    | 14:16         |
| VSTDIC100 | VSTDIC100     | VX048520.D  | 11/07/2025    | 14:58         |
| VSTDIC150 | VSTDIC150     | VX048521.D  | 11/07/2025    | 15:18         |
| VSTDIC050 | VSTDIC050     | VX048524.D  | 11/07/2025    | 16:29         |

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: PACI01

Lab Code: ACE

SDG NO.: Q3574

Lab File ID: VX048562.D

BFB Injection Date: 11/12/2025

Instrument ID: MSVOA\_X

BFB Injection Time: 08:08

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: Y/N N

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 18.5                 |
| 75  | 30.0 - 60.0% of mass 95            | 51.5                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 7.1                  |
| 173 | Less than 2.0% of mass 174         | 0.8 ( 1 ) 1          |
| 174 | 50.0 - 100.0% of mass 95           | 79                   |
| 175 | 5.0 - 9.0% of mass 174             | 6 ( 7.6 ) 1          |
| 176 | 95.0 - 101.0% of mass 174          | 76 ( 96.2 ) 1        |
| 177 | 5.0 - 9.0% of mass 176             | 5.1 ( 6.7 ) 2        |

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| CLIENT ID        | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|------------------|---------------|-------------|---------------|---------------|
| VSTDCCC050       | VSTDCCC050    | VX048563.D  | 11/12/2025    | 09:11         |
| VX1112WBL01      | VX1112WBL01   | VX048565.D  | 11/12/2025    | 10:00         |
| VX1112WBS01      | VX1112WBS01   | VX048566.D  | 11/12/2025    | 10:30         |
| VX1112WBSD01     | VX1112WBSD01  | VX048567.D  | 11/12/2025    | 10:57         |
| 304641-01 Liquid | Q3574-01      | VX048576.D  | 11/12/2025    | 14:02         |
| VSTDCCC050EC     | VSTDCCC050    | VX048584.D  | 11/12/2025    | 17:17         |

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: PACI01  
Lab Code: ACE SDG NO.: Q3574  
Lab File ID: VX048563.D Date Analyzed: 11/12/2025  
Instrument ID: MSVOA\_X Time Analyzed: 09:11  
GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

|                  | IS1<br>AREA # | RT #  | IS2<br>AREA # | RT #  | IS3<br>AREA # | RT #   |
|------------------|---------------|-------|---------------|-------|---------------|--------|
| 12 HOUR STD      | 168053        | 5.53  | 278642        | 6.74  | 246918        | 10.04  |
| UPPER LIMIT      | 336106        | 6.025 | 557284        | 7.239 | 493836        | 10.537 |
| LOWER LIMIT      | 84026.5       | 5.025 | 139321        | 6.239 | 123459        | 9.537  |
| EPA SAMPLE NO.   |               |       |               |       |               |        |
| 304641-01 Liquid | 175785        | 5.54  | 342013        | 6.75  | 348551        | 10.04  |
| VX1112WBL01      | 211958        | 5.54  | 425634        | 6.75  | 439104        | 10.04  |
| VX1112WBS01      | 191720        | 5.53  | 311333        | 6.74  | 276234        | 10.04  |
| VX1112WBSD01     | 161754        | 5.53  | 273225        | 6.74  | 245374        | 10.04  |

IS1 = Pentafluorobenzene  
IS2 = 1,4-Difluorobenzene  
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area  
AREA LOWER LIMIT = -50% of internal standard area  
RT UPPER LIMIT = +0.50 minutes of internal standard RT  
RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.  
\* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

|                |                   |                |                   |
|----------------|-------------------|----------------|-------------------|
| Lab Name:      | <u>Alliance</u>   | Contract:      | <u>PACI01</u>     |
| Lab Code:      | <u>ACE</u>        | SDG NO.:       | <u>Q3574</u>      |
| Lab File ID:   | <u>VX048563.D</u> | Date Analyzed: | <u>11/12/2025</u> |
| Instrument ID: | <u>MSVOA_X</u>    | Time Analyzed: | <u>09:11</u>      |
| GC Column:     | <u>DB-624UI</u>   | ID:            | <u>0.18</u> (mm)  |
|                |                   | Heated Purge:  | (Y/N) <u>N</u>    |

|                  | IS4<br>AREA # | RT #   |  |  |  |  |
|------------------|---------------|--------|--|--|--|--|
| 12 HOUR STD      | 123894        | 12.00€ |  |  |  |  |
| UPPER LIMIT      | 247788        | 12.50€ |  |  |  |  |
| LOWER LIMIT      | 61947         | 11.50€ |  |  |  |  |
| EPA SAMPLE NO.   |               |        |  |  |  |  |
| 304641-01 Liquid | 175601        | 12.01  |  |  |  |  |
| VX1112WBL01      | 232670        | 12.01  |  |  |  |  |
| VX1112WBS01      | 136753        | 12.01  |  |  |  |  |
| VX1112WBSD01     | 125743        | 12.01  |  |  |  |  |

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = -50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.  
 \* Values outside of QC limits.





# QC SAMPLE DATA

## Report of Analysis

Client: Pacific Commercial Services Inc.  
Project: Kilo Pier  
Client Sample ID: VX1112WBL01  
Lab Sample ID: VX1112WBL01  
Analytical Method: 8260D  
Sample Wt/Vol: 5 mL

Level: LOW  
Final Vol: 5000 uL

Date Collected:  
Date Received:  
SDG No.: Q3574  
Matrix: Water  
% Solid: 0  
Test: VOC-TCLVOA-10

| CAS Number     | Parameter                      | Conc. | Qua. | DF | MDL   | LOD  | LOQ / CRQL | Units | Date Ana.      | BatchID  |
|----------------|--------------------------------|-------|------|----|-------|------|------------|-------|----------------|----------|
| <b>TARGETS</b> |                                |       |      |    |       |      |            |       |                |          |
| 75-71-8        | Dichlorodifluoromethane        | 0.50  | U    | 1  | 0.22  | 0.50 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 74-87-3        | Chloromethane                  | 0.50  | U    | 1  | 0.32  | 0.50 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 75-01-4        | Vinyl Chloride                 | 0.75  | U    | 1  | 0.26  | 0.75 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 74-83-9        | Bromomethane                   | 3.80  | U    | 1  | 1.40  | 3.80 | 5.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 75-00-3        | Chloroethane                   | 0.75  | U    | 1  | 0.47  | 0.75 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 75-69-4        | Trichlorofluoromethane         | 0.50  | U    | 1  | 0.33  | 0.50 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.50  | U    | 1  | 0.25  | 0.50 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 75-35-4        | 1,1-Dichloroethene             | 0.75  | U    | 1  | 0.23  | 0.75 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 67-64-1        | Acetone                        | 3.80  | U    | 1  | 1.50  | 3.80 | 5.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 75-15-0        | Carbon Disulfide               | 0.75  | U    | 1  | 0.21  | 0.75 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.50  | U    | 1  | 0.16  | 0.50 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 79-20-9        | Methyl Acetate                 | 0.75  | U    | 1  | 0.27  | 0.75 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 75-09-2        | Methylene Chloride             | 0.50  | U    | 1  | 0.28  | 0.50 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.50  | U    | 1  | 0.23  | 0.50 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 75-34-3        | 1,1-Dichloroethane             | 0.50  | U    | 1  | 0.23  | 0.50 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 110-82-7       | Cyclohexane                    | 2.50  | U    | 1  | 1.50  | 2.50 | 5.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 78-93-3        | 2-Butanone                     | 2.50  | U    | 1  | 0.98  | 2.50 | 5.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 56-23-5        | Carbon Tetrachloride           | 0.50  | U    | 1  | 0.25  | 0.50 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.75  | U    | 1  | 0.19  | 0.75 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 74-97-5        | Bromochloromethane             | 0.50  | U    | 1  | 0.22  | 0.50 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 67-66-3        | Chloroform                     | 0.50  | U    | 1  | 0.25  | 0.50 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.50  | U    | 1  | 0.20  | 0.50 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 108-87-2       | Methylcyclohexane              | 0.50  | U    | 1  | 0.16  | 0.50 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 71-43-2        | Benzene                        | 0.50  | U    | 1  | 0.15  | 0.50 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 107-06-2       | 1,2-Dichloroethane             | 0.50  | U    | 1  | 0.22  | 0.50 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 79-01-6        | Trichloroethene                | 0.75  | U    | 1  | 0.090 | 0.75 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 78-87-5        | 1,2-Dichloropropane            | 0.50  | U    | 1  | 0.20  | 0.50 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 75-27-4        | Bromodichloromethane           | 0.50  | U    | 1  | 0.22  | 0.50 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 108-10-1       | 4-Methyl-2-Pentanone           | 2.50  | U    | 1  | 0.68  | 2.50 | 5.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 108-88-3       | Toluene                        | 0.50  | U    | 1  | 0.14  | 0.50 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 10061-02-6     | t-1,3-Dichloropropene          | 0.50  | U    | 1  | 0.17  | 0.50 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 10061-01-5     | cis-1,3-Dichloropropene        | 0.50  | U    | 1  | 0.16  | 0.50 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 79-00-5        | 1,1,2-Trichloroethane          | 0.50  | U    | 1  | 0.21  | 0.50 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 591-78-6       | 2-Hexanone                     | 2.50  | U    | 1  | 0.89  | 2.50 | 5.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 124-48-1       | Dibromochloromethane           | 0.50  | U    | 1  | 0.18  | 0.50 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 106-93-4       | 1,2-Dibromoethane              | 0.50  | U    | 1  | 0.15  | 0.50 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 127-18-4       | Tetrachloroethene              | 0.50  | U    | 1  | 0.23  | 0.50 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 108-90-7       | Chlorobenzene                  | 0.50  | U    | 1  | 0.12  | 0.50 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 100-41-4       | Ethyl Benzene                  | 0.50  | U    | 1  | 0.13  | 0.50 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 179601-23-1    | m/p-Xylenes                    | 1.00  | U    | 1  | 0.24  | 1.00 | 2.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 95-47-6        | o-Xylene                       | 0.50  | U    | 1  | 0.12  | 0.50 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 100-42-5       | Styrene                        | 0.50  | U    | 1  | 0.15  | 0.50 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 75-25-2        | Bromoform                      | 0.50  | U    | 1  | 0.19  | 0.50 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |

## Report of Analysis

Client: Pacific Commercial Services Inc.  
Project: Kilo Pier  
Client Sample ID: VX1112WBL01  
Lab Sample ID: VX1112WBL01  
Analytical Method: 8260D  
Sample Wt/Vol: 5 mL

Level: LOW  
Final Vol: 5000 uL

Date Collected:  
Date Received:  
SDG No.: Q3574  
Matrix: Water  
% Solid: 0  
Test: VOC-TCLVOA-10

| CAS Number | Parameter                   | Conc. | Qua. | DF | MDL  | LOD  | LOQ / CRQL | Units | Date Ana.      | BatchID  |
|------------|-----------------------------|-------|------|----|------|------|------------|-------|----------------|----------|
| 98-82-8    | Isopropylbenzene            | 0.50  | U    | 1  | 0.12 | 0.50 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 79-34-5    | 1,1,2,2-Tetrachloroethane   | 0.50  | U    | 1  | 0.26 | 0.50 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 541-73-1   | 1,3-Dichlorobenzene         | 0.50  | U    | 1  | 0.16 | 0.50 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 106-46-7   | 1,4-Dichlorobenzene         | 0.50  | U    | 1  | 0.19 | 0.50 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 95-50-1    | 1,2-Dichlorobenzene         | 0.50  | U    | 1  | 0.16 | 0.50 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 96-12-8    | 1,2-Dibromo-3-Chloropropane | 0.75  | U    | 1  | 0.53 | 0.75 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 120-82-1   | 1,2,4-Trichlorobenzene      | 0.50  | U    | 1  | 0.20 | 0.50 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |
| 87-61-6    | 1,2,3-Trichlorobenzene      | 0.75  | U    | 1  | 0.20 | 0.75 | 1.00       | ug/L  | 11/12/25 10:00 | VX111225 |

### SURROGATES

|            |                       |      |  |  |          |      |         |
|------------|-----------------------|------|--|--|----------|------|---------|
| 17060-07-0 | 1,2-Dichloroethane-d4 | 52.7 |  |  | 81 - 118 | 105% | SPK: 50 |
| 1868-53-7  | Dibromofluoromethane  | 43.8 |  |  | 80 - 119 | 88%  | SPK: 50 |
| 2037-26-5  | Toluene-d8            | 49.9 |  |  | 89 - 112 | 100% | SPK: 50 |
| 460-00-4   | 4-Bromofluorobenzene  | 55.6 |  |  | 85 - 114 | 111% | SPK: 50 |

### INTERNAL STANDARDS

#### Area Count

|           |                        |        |
|-----------|------------------------|--------|
| 363-72-4  | Pentafluorobenzene     | 212000 |
| 540-36-3  | 1,4-Difluorobenzene    | 426000 |
| 3114-55-4 | Chlorobenzene-d5       | 439000 |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 233000 |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

Client: Pacific Commercial Services Inc.  
Project: Kilo Pier  
Client Sample ID: VX1112WBS01  
Lab Sample ID: VX1112WBS01  
Analytical Method: 8260D  
Sample Wt/Vol: 5 mL

Level: LOW  
Final Vol: 5000 uL

Date Collected:  
Date Received:  
SDG No.: Q3574  
Matrix: Water  
% Solid: 0  
Test: VOC-TCLVOA-10

| CAS Number     | Parameter                      | Conc. | Qua. | DF | MDL   | LOD  | LOQ / CRQL | Units | Date Ana.      | BatchID  |
|----------------|--------------------------------|-------|------|----|-------|------|------------|-------|----------------|----------|
| <b>TARGETS</b> |                                |       |      |    |       |      |            |       |                |          |
| 75-71-8        | Dichlorodifluoromethane        | 21.2  |      | 1  | 0.22  | 0.50 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 74-87-3        | Chloromethane                  | 19.3  |      | 1  | 0.32  | 0.50 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 75-01-4        | Vinyl Chloride                 | 19.3  |      | 1  | 0.26  | 0.75 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 74-83-9        | Bromomethane                   | 22.1  |      | 1  | 1.40  | 3.80 | 5.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 75-00-3        | Chloroethane                   | 19.2  |      | 1  | 0.47  | 0.75 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 75-69-4        | Trichlorofluoromethane         | 19.3  |      | 1  | 0.33  | 0.50 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 20.1  |      | 1  | 0.25  | 0.50 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 75-35-4        | 1,1-Dichloroethene             | 18.9  |      | 1  | 0.23  | 0.75 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 67-64-1        | Acetone                        | 93.1  |      | 1  | 1.50  | 3.80 | 5.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 75-15-0        | Carbon Disulfide               | 18.1  |      | 1  | 0.21  | 0.75 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 1634-04-4      | Methyl tert-butyl Ether        | 19.1  |      | 1  | 0.16  | 0.50 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 79-20-9        | Methyl Acetate                 | 18.9  |      | 1  | 0.27  | 0.75 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 75-09-2        | Methylene Chloride             | 19.0  |      | 1  | 0.28  | 0.50 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 156-60-5       | trans-1,2-Dichloroethene       | 19.3  |      | 1  | 0.23  | 0.50 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 75-34-3        | 1,1-Dichloroethane             | 19.2  |      | 1  | 0.23  | 0.50 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 110-82-7       | Cyclohexane                    | 20.1  |      | 1  | 1.50  | 2.50 | 5.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 78-93-3        | 2-Butanone                     | 96.3  |      | 1  | 0.98  | 2.50 | 5.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 56-23-5        | Carbon Tetrachloride           | 18.5  |      | 1  | 0.25  | 0.50 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 156-59-2       | cis-1,2-Dichloroethene         | 18.7  |      | 1  | 0.19  | 0.75 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 74-97-5        | Bromochloromethane             | 18.2  |      | 1  | 0.22  | 0.50 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 67-66-3        | Chloroform                     | 19.0  |      | 1  | 0.25  | 0.50 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 71-55-6        | 1,1,1-Trichloroethane          | 18.9  |      | 1  | 0.20  | 0.50 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 108-87-2       | Methylcyclohexane              | 19.6  |      | 1  | 0.16  | 0.50 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 71-43-2        | Benzene                        | 18.4  |      | 1  | 0.15  | 0.50 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 107-06-2       | 1,2-Dichloroethane             | 18.8  |      | 1  | 0.22  | 0.50 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 79-01-6        | Trichloroethene                | 19.7  |      | 1  | 0.090 | 0.75 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 78-87-5        | 1,2-Dichloropropane            | 20.0  |      | 1  | 0.20  | 0.50 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 75-27-4        | Bromodichloromethane           | 20.7  |      | 1  | 0.22  | 0.50 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 108-10-1       | 4-Methyl-2-Pentanone           | 110   |      | 1  | 0.68  | 2.50 | 5.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 108-88-3       | Toluene                        | 22.1  |      | 1  | 0.14  | 0.50 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 10061-02-6     | t-1,3-Dichloropropene          | 19.7  |      | 1  | 0.17  | 0.50 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 10061-01-5     | cis-1,3-Dichloropropene        | 21.3  |      | 1  | 0.16  | 0.50 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 79-00-5        | 1,1,2-Trichloroethane          | 21.8  |      | 1  | 0.21  | 0.50 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 591-78-6       | 2-Hexanone                     | 110   |      | 1  | 0.89  | 2.50 | 5.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 124-48-1       | Dibromochloromethane           | 21.0  |      | 1  | 0.18  | 0.50 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 106-93-4       | 1,2-Dibromoethane              | 21.6  |      | 1  | 0.15  | 0.50 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 127-18-4       | Tetrachloroethene              | 19.4  |      | 1  | 0.23  | 0.50 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 108-90-7       | Chlorobenzene                  | 18.7  |      | 1  | 0.12  | 0.50 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 100-41-4       | Ethyl Benzene                  | 19.1  |      | 1  | 0.13  | 0.50 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 179601-23-1    | m/p-Xylenes                    | 39.0  |      | 1  | 0.24  | 1.00 | 2.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 95-47-6        | o-Xylene                       | 19.2  |      | 1  | 0.12  | 0.50 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 100-42-5       | Styrene                        | 19.6  |      | 1  | 0.15  | 0.50 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 75-25-2        | Bromoform                      | 18.5  |      | 1  | 0.19  | 0.50 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |

## Report of Analysis

Client: Pacific Commercial Services Inc.  
Project: Kilo Pier  
Client Sample ID: VX1112WBS01  
Lab Sample ID: VX1112WBS01  
Analytical Method: 8260D  
Sample Wt/Vol: 5 mL

Level: LOW  
Final Vol: 5000 uL

Date Collected:  
Date Received:  
SDG No.: Q3574  
Matrix: Water  
% Solid: 0  
Test: VOC-TCLVOA-10

| CAS Number | Parameter                   | Conc. | Qua. | DF | MDL  | LOD  | LOQ / CRQL | Units | Date Ana.      | BatchID  |
|------------|-----------------------------|-------|------|----|------|------|------------|-------|----------------|----------|
| 98-82-8    | Isopropylbenzene            | 20.2  |      | 1  | 0.12 | 0.50 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 79-34-5    | 1,1,2,2-Tetrachloroethane   | 19.7  |      | 1  | 0.26 | 0.50 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 541-73-1   | 1,3-Dichlorobenzene         | 19.3  |      | 1  | 0.16 | 0.50 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 106-46-7   | 1,4-Dichlorobenzene         | 19.1  |      | 1  | 0.19 | 0.50 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 95-50-1    | 1,2-Dichlorobenzene         | 19.4  |      | 1  | 0.16 | 0.50 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 96-12-8    | 1,2-Dibromo-3-Chloropropane | 19.4  |      | 1  | 0.53 | 0.75 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 120-82-1   | 1,2,4-Trichlorobenzene      | 18.2  |      | 1  | 0.20 | 0.50 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |
| 87-61-6    | 1,2,3-Trichlorobenzene      | 18.6  |      | 1  | 0.20 | 0.75 | 1.00       | ug/L  | 11/12/25 10:30 | VX111225 |

### SURROGATES

|            |                       |      |  |  |          |  |      |         |
|------------|-----------------------|------|--|--|----------|--|------|---------|
| 17060-07-0 | 1,2-Dichloroethane-d4 | 48.0 |  |  | 81 - 118 |  | 96%  | SPK: 50 |
| 1868-53-7  | Dibromofluoromethane  | 47.7 |  |  | 80 - 119 |  | 95%  | SPK: 50 |
| 2037-26-5  | Toluene-d8            | 52.2 |  |  | 89 - 112 |  | 104% | SPK: 50 |
| 460-00-4   | 4-Bromofluorobenzene  | 49.4 |  |  | 85 - 114 |  | 99%  | SPK: 50 |

### INTERNAL STANDARDS

| INTERNAL STANDARDS |                        | Area Count |
|--------------------|------------------------|------------|
| 363-72-4           | Pentafluorobenzene     | 192000     |
| 540-36-3           | 1,4-Difluorobenzene    | 311000     |
| 3114-55-4          | Chlorobenzene-d5       | 276000     |
| 3855-82-1          | 1,4-Dichlorobenzene-d4 | 137000     |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

Client: Pacific Commercial Services Inc.  
Project: Kilo Pier  
Client Sample ID: VX1112WBSD01  
Lab Sample ID: VX1112WBSD01  
Analytical Method: 8260D  
Sample Wt/Vol: 5 mL

Level: LOW  
Final Vol: 5000 uL

Date Collected:  
Date Received:  
SDG No.: Q3574  
Matrix: Water  
% Solid: 0  
Test: VOC-TCLVOA-10

| CAS Number     | Parameter                      | Conc. | Qua. | DF | MDL   | LOD  | LOQ / CRQL | Units | Date Ana.      | BatchID  |
|----------------|--------------------------------|-------|------|----|-------|------|------------|-------|----------------|----------|
| <b>TARGETS</b> |                                |       |      |    |       |      |            |       |                |          |
| 75-71-8        | Dichlorodifluoromethane        | 21.7  |      | 1  | 0.22  | 0.50 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 74-87-3        | Chloromethane                  | 19.3  |      | 1  | 0.32  | 0.50 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 75-01-4        | Vinyl Chloride                 | 20.0  |      | 1  | 0.26  | 0.75 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 74-83-9        | Bromomethane                   | 23.8  |      | 1  | 1.40  | 3.80 | 5.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 75-00-3        | Chloroethane                   | 19.5  |      | 1  | 0.47  | 0.75 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 75-69-4        | Trichlorofluoromethane         | 20.3  |      | 1  | 0.33  | 0.50 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 20.4  |      | 1  | 0.25  | 0.50 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 75-35-4        | 1,1-Dichloroethene             | 19.8  |      | 1  | 0.23  | 0.75 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 67-64-1        | Acetone                        | 100   |      | 1  | 1.50  | 3.80 | 5.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 75-15-0        | Carbon Disulfide               | 18.8  |      | 1  | 0.21  | 0.75 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 1634-04-4      | Methyl tert-butyl Ether        | 21.1  |      | 1  | 0.16  | 0.50 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 79-20-9        | Methyl Acetate                 | 20.5  |      | 1  | 0.27  | 0.75 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 75-09-2        | Methylene Chloride             | 20.0  |      | 1  | 0.28  | 0.50 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 156-60-5       | trans-1,2-Dichloroethene       | 19.9  |      | 1  | 0.23  | 0.50 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 75-34-3        | 1,1-Dichloroethane             | 20.5  |      | 1  | 0.23  | 0.50 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 110-82-7       | Cyclohexane                    | 20.9  |      | 1  | 1.50  | 2.50 | 5.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 78-93-3        | 2-Butanone                     | 110   |      | 1  | 0.98  | 2.50 | 5.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 56-23-5        | Carbon Tetrachloride           | 18.4  |      | 1  | 0.25  | 0.50 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 156-59-2       | cis-1,2-Dichloroethene         | 19.8  |      | 1  | 0.19  | 0.75 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 74-97-5        | Bromochloromethane             | 19.3  |      | 1  | 0.22  | 0.50 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 67-66-3        | Chloroform                     | 20.7  |      | 1  | 0.25  | 0.50 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 71-55-6        | 1,1,1-Trichloroethane          | 19.8  |      | 1  | 0.20  | 0.50 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 108-87-2       | Methylcyclohexane              | 19.9  |      | 1  | 0.16  | 0.50 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 71-43-2        | Benzene                        | 18.7  |      | 1  | 0.15  | 0.50 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 107-06-2       | 1,2-Dichloroethane             | 20.2  |      | 1  | 0.22  | 0.50 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 79-01-6        | Trichloroethene                | 20.2  |      | 1  | 0.090 | 0.75 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 78-87-5        | 1,2-Dichloropropane            | 20.9  |      | 1  | 0.20  | 0.50 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 75-27-4        | Bromodichloromethane           | 21.8  |      | 1  | 0.22  | 0.50 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 108-10-1       | 4-Methyl-2-Pentanone           | 120   |      | 1  | 0.68  | 2.50 | 5.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 108-88-3       | Toluene                        | 22.4  |      | 1  | 0.14  | 0.50 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 10061-02-6     | t-1,3-Dichloropropene          | 21.0  |      | 1  | 0.17  | 0.50 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 10061-01-5     | cis-1,3-Dichloropropene        | 22.3  |      | 1  | 0.16  | 0.50 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 79-00-5        | 1,1,2-Trichloroethane          | 23.3  |      | 1  | 0.21  | 0.50 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 591-78-6       | 2-Hexanone                     | 120   |      | 1  | 0.89  | 2.50 | 5.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 124-48-1       | Dibromochloromethane           | 23.0  |      | 1  | 0.18  | 0.50 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 106-93-4       | 1,2-Dibromoethane              | 23.0  |      | 1  | 0.15  | 0.50 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 127-18-4       | Tetrachloroethene              | 19.6  |      | 1  | 0.23  | 0.50 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 108-90-7       | Chlorobenzene                  | 19.6  |      | 1  | 0.12  | 0.50 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 100-41-4       | Ethyl Benzene                  | 19.4  |      | 1  | 0.13  | 0.50 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 179601-23-1    | m/p-Xylenes                    | 40.3  |      | 1  | 0.24  | 1.00 | 2.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 95-47-6        | o-Xylene                       | 19.7  |      | 1  | 0.12  | 0.50 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 100-42-5       | Styrene                        | 20.0  |      | 1  | 0.15  | 0.50 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 75-25-2        | Bromoform                      | 19.7  |      | 1  | 0.19  | 0.50 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |

## Report of Analysis

Client: Pacific Commercial Services Inc.  
Project: Kilo Pier  
Client Sample ID: VX1112WBSD01  
Lab Sample ID: VX1112WBSD01  
Analytical Method: 8260D  
Sample Wt/Vol: 5 mL

Level: LOW  
Final Vol: 5000 uL

Date Collected:  
Date Received:  
SDG No.: Q3574  
Matrix: Water  
% Solid: 0  
Test: VOC-TCLVOA-10

| CAS Number | Parameter                   | Conc. | Qua. | DF | MDL  | LOD  | LOQ / CRQL | Units | Date Ana.      | BatchID  |
|------------|-----------------------------|-------|------|----|------|------|------------|-------|----------------|----------|
| 98-82-8    | Isopropylbenzene            | 20.0  |      | 1  | 0.12 | 0.50 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 79-34-5    | 1,1,2,2-Tetrachloroethane   | 20.2  |      | 1  | 0.26 | 0.50 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 541-73-1   | 1,3-Dichlorobenzene         | 19.4  |      | 1  | 0.16 | 0.50 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 106-46-7   | 1,4-Dichlorobenzene         | 19.1  |      | 1  | 0.19 | 0.50 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 95-50-1    | 1,2-Dichlorobenzene         | 19.4  |      | 1  | 0.16 | 0.50 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 96-12-8    | 1,2-Dibromo-3-Chloropropane | 20.2  |      | 1  | 0.53 | 0.75 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 120-82-1   | 1,2,4-Trichlorobenzene      | 18.8  |      | 1  | 0.20 | 0.50 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |
| 87-61-6    | 1,2,3-Trichlorobenzene      | 18.9  |      | 1  | 0.20 | 0.75 | 1.00       | ug/L  | 11/12/25 10:57 | VX111225 |

### SURROGATES

|            |                       |      |  |  |          |      |         |
|------------|-----------------------|------|--|--|----------|------|---------|
| 17060-07-0 | 1,2-Dichloroethane-d4 | 51.2 |  |  | 81 - 118 | 102% | SPK: 50 |
| 1868-53-7  | Dibromofluoromethane  | 46.6 |  |  | 80 - 119 | 93%  | SPK: 50 |
| 2037-26-5  | Toluene-d8            | 51.7 |  |  | 89 - 112 | 103% | SPK: 50 |
| 460-00-4   | 4-Bromofluorobenzene  | 50.9 |  |  | 85 - 114 | 102% | SPK: 50 |

### INTERNAL STANDARDS

#### Area Count

|           |                        |        |
|-----------|------------------------|--------|
| 363-72-4  | Pentafluorobenzene     | 162000 |
| 540-36-3  | 1,4-Difluorobenzene    | 273000 |
| 3114-55-4 | Chlorobenzene-d5       | 245000 |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 126000 |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



# CALIBRATION SUMMARY



### VOLATILE ORGANICS INITIAL CALIBRATION DATA

|                     |                 |                      |                                     |
|---------------------|-----------------|----------------------|-------------------------------------|
| Lab Name:           | <u>Alliance</u> | Contract:            | <u>PACI01</u>                       |
| Lab Code:           | <u>ACE</u>      | SDG No.:             | <u>Q3574</u>                        |
| Instrument ID:      | <u>MSVOA_X</u>  | Calibration Date(s): | <u>11/07/2025</u> <u>11/07/2025</u> |
| Heated Purge: (Y/N) | <u>N</u>        | Calibration Time(s): | <u>13:35</u> <u>16:29</u>           |
| GC Column:          | <u>DB-624UI</u> | ID:                  | <u>0.18</u> (mm)                    |

|                                |        |                     |        |                     |        |                     |       |       |
|--------------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|
| LAB FILE ID:                   |        | RRF001 = VX048516.D |        | RRF005 = VX048517.D |        | RRF020 = VX048518.D |       |       |
|                                |        | RRF100 = VX048520.D |        | RRF150 = VX048521.D |        | RRF050 = VX048524.D |       |       |
| COMPOUND                       | RRF001 | RRF005              | RRF020 | RRF100              | RRF150 | RRF050              | RRF   | % RSD |
| Dichlorodifluoromethane        | 0.365  | 0.364               | 0.352  | 0.452               | 0.474  | 0.424               | 0.405 | 12.8  |
| Chloromethane                  | 0.603  | 0.457               | 0.425  | 0.581               | 0.565  | 0.592               | 0.537 | 14.2  |
| Vinyl Chloride                 | 0.666  | 0.579               | 0.608  | 0.601               | 0.597  | 0.600               | 0.608 | 4.9   |
| Bromomethane                   |        | 0.468               | 0.417  | 0.323               | 0.287  | 0.426               | 0.384 | 19.8  |
| Chloroethane                   | 0.465  | 0.419               | 0.397  | 0.370               | 0.357  | 0.383               | 0.398 | 9.8   |
| Trichlorofluoromethane         | 0.982  | 1.030               | 1.019  | 0.919               | 0.939  | 0.886               | 0.963 | 6     |
| 1,1,2-Trichlorotrifluoroethane | 0.552  | 0.556               | 0.616  | 0.546               | 0.558  | 0.515               | 0.557 | 5.9   |
| 1,1-Dichloroethene             | 0.669  | 0.584               | 0.591  | 0.555               | 0.548  | 0.545               | 0.582 | 8     |
| Acetone                        | 0.383  | 0.318               | 0.318  | 0.317               | 0.313  | 0.330               | 0.330 | 8.1   |
| Carbon Disulfide               | 2.045  | 1.739               | 1.609  | 1.468               | 1.477  | 1.489               | 1.638 | 13.7  |
| Methyl tert-butyl Ether        | 2.163  | 2.158               | 2.049  | 1.984               | 1.861  | 2.117               | 2.055 | 5.7   |
| Methyl Acetate                 | 1.195  | 0.876               | 0.857  | 0.818               | 0.823  | 0.869               | 0.906 | 15.8  |
| Methylene Chloride             | 0.845  | 0.689               | 0.663  | 0.624               | 0.595  | 0.653               | 0.678 | 13    |
| trans-1,2-Dichloroethene       | 0.700  | 0.650               | 0.612  | 0.585               | 0.557  | 0.598               | 0.617 | 8.3   |
| 1,1-Dichloroethane             | 1.255  | 1.247               | 1.124  | 1.083               | 1.041  | 1.102               | 1.142 | 7.8   |
| Cyclohexane                    |        | 1.001               | 1.004  | 0.896               | 0.910  | 0.867               | 0.936 | 6.7   |
| 2-Butanone                     | 0.474  | 0.502               | 0.511  | 0.470               | 0.465  | 0.506               | 0.488 | 4.2   |
| Carbon Tetrachloride           | 0.640  | 0.766               | 0.546  | 0.520               | 0.504  | 0.486               | 0.577 | 18.6  |
| cis-1,2-Dichloroethene         | 0.888  | 0.787               | 0.737  | 0.703               | 0.684  | 0.725               | 0.754 | 9.9   |
| Bromochloromethane             | 0.640  | 0.630               | 0.533  | 0.522               | 0.497  | 0.543               | 0.561 | 10.6  |
| Chloroform                     | 1.357  | 1.277               | 1.162  | 1.105               | 1.052  | 1.120               | 1.179 | 9.8   |
| 1,1,1-Trichloroethane          | 1.160  | 1.087               | 1.026  | 0.979               | 0.947  | 0.973               | 1.029 | 7.9   |
| Methylcyclohexane              | 0.585  | 0.607               | 0.558  | 0.561               | 0.592  | 0.510               | 0.569 | 6     |
| Benzene                        | 1.745  | 2.038               | 1.468  | 1.396               | 1.369  | 1.408               | 1.571 | 17    |
| 1,2-Dichloroethane             | 0.540  | 0.721               | 0.525  | 0.489               | 0.473  | 0.481               | 0.538 | 17.3  |
| Trichloroethene                | 0.423  | 0.390               | 0.356  | 0.366               | 0.363  | 0.355               | 0.375 | 7.1   |
| 1,2-Dichloropropane            | 0.417  | 0.381               | 0.319  | 0.352               | 0.340  | 0.358               | 0.361 | 9.5   |
| Bromodichloromethane           | 0.517  | 0.598               | 0.446  | 0.539               | 0.510  | 0.543               | 0.526 | 9.5   |
| 4-Methyl-2-Pentanone           | 0.505  | 0.667               | 0.514  | 0.573               | 0.546  | 0.620               | 0.571 | 11    |
| Toluene                        | 0.709  | 0.955               | 0.710  | 0.868               | 0.843  | 0.877               | 0.827 | 11.9  |

\* Compounds with required minimum RRF and maximum %RSD values.  
All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.

### VOLATILE ORGANICS INITIAL CALIBRATION DATA

|                                                 |                                                          |
|-------------------------------------------------|----------------------------------------------------------|
| Lab Name: <u>Alliance</u>                       | Contract: <u>PACI01</u>                                  |
| Lab Code: <u>ACE</u>                            | SDG No.: <u>Q3574</u>                                    |
| Instrument ID: <u>MSVOA_X</u>                   | Calibration Date(s): <u>11/07/2025</u> <u>11/07/2025</u> |
| Heated Purge: (Y/N) <u>N</u>                    | Calibration Time(s): <u>13:35</u> <u>16:29</u>           |
| GC Column: <u>DB-624UI</u> ID: <u>0.18</u> (mm) |                                                          |

|                             |        |                     |        |                     |        |                     |       |       |
|-----------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|
| LAB FILE ID:                |        | RRF001 = VX048516.D |        | RRF005 = VX048517.D |        | RRF020 = VX048518.D |       |       |
|                             |        | RRF100 = VX048520.D |        | RRF150 = VX048521.D |        | RRF050 = VX048524.D |       |       |
| COMPOUND                    | RRF001 | RRF005              | RRF020 | RRF100              | RRF150 | RRF050              | RRF   | % RSD |
| t-1,3-Dichloropropene       | 0.513  | 0.609               | 0.452  | 0.561               | 0.542  | 0.572               | 0.541 | 10    |
| cis-1,3-Dichloropropene     | 0.472  | 0.633               | 0.481  | 0.595               | 0.578  | 0.606               | 0.561 | 12.1  |
| 1,1,2-Trichloroethane       | 0.289  | 0.373               | 0.286  | 0.345               | 0.329  | 0.361               | 0.330 | 11.1  |
| 2-Hexanone                  | 0.360  | 0.487               | 0.390  | 0.429               | 0.416  | 0.464               | 0.425 | 11    |
| Dibromochloromethane        | 0.347  | 0.468               | 0.351  | 0.428               | 0.404  | 0.436               | 0.406 | 12    |
| 1,2-Dibromoethane           | 0.309  | 0.417               | 0.308  | 0.374               | 0.358  | 0.381               | 0.358 | 11.9  |
| Tetrachloroethene           | 0.444  | 0.364               | 0.352  | 0.344               | 0.348  | 0.327               | 0.363 | 11.4  |
| Chlorobenzene               | 1.406  | 1.245               | 1.153  | 1.112               | 1.105  | 1.101               | 1.187 | 10.1  |
| Ethyl Benzene               | 2.253  | 2.045               | 1.976  | 1.899               | 1.898  | 1.887               | 1.993 | 7.1   |
| m/p-Xylenes                 | 0.764  | 0.793               | 0.758  | 0.736               | 0.733  | 0.720               | 0.751 | 3.5   |
| o-Xylene                    | 0.795  | 0.746               | 0.721  | 0.714               | 0.726  | 0.703               | 0.734 | 4.5   |
| Styrene                     | 1.228  | 1.256               | 1.227  | 1.226               | 1.244  | 1.210               | 1.232 | 1.3   |
| Bromoform                   | 0.427  | 0.350               | 0.345  | 0.359               | 0.373  | 0.348               | 0.367 | 8.4   |
| Isopropylbenzene            | 3.857  | 3.727               | 3.683  | 3.551               | 3.492  | 3.466               | 3.629 | 4.2   |
| 1,1,2,2-Tetrachloroethane   | 1.544  | 1.284               | 1.230  | 1.207               | 1.185  | 1.229               | 1.280 | 10.4  |
| 1,3-Dichlorobenzene         | 2.076  | 1.785               | 1.686  | 1.680               | 1.668  | 1.644               | 1.756 | 9.3   |
| 1,4-Dichlorobenzene         | 2.329  | 1.860               | 1.676  | 1.671               | 1.672  | 1.678               | 1.814 | 14.5  |
| 1,2-Dichlorobenzene         | 1.944  | 1.695               | 1.611  | 1.627               | 1.616  | 1.624               | 1.686 | 7.7   |
| 1,2-Dibromo-3-Chloropropane | 0.304  | 0.308               | 0.294  | 0.298               | 0.285  | 0.297               | 0.297 | 2.7   |
| 1,2,4-Trichlorobenzene      | 1.353  | 1.032               | 1.057  | 1.097               | 1.117  | 1.066               | 1.120 | 10.5  |
| 1,2,3-Trichlorobenzene      | 1.170  | 0.973               | 0.994  | 1.049               | 1.051  | 1.016               | 1.042 | 6.7   |
| 1,2-Dichloroethane-d4       |        | 0.775               | 0.723  | 0.677               | 0.623  | 0.685               | 0.697 | 8.1   |
| Dibromofluoromethane        |        | 0.484               | 0.374  | 0.356               | 0.327  | 0.351               | 0.378 | 16.2  |
| Toluene-d8                  |        | 1.341               | 1.021  | 1.210               | 1.128  | 1.202               | 1.180 | 10    |
| 4-Bromofluorobenzene        |        | 0.523               | 0.365  | 0.445               | 0.423  | 0.443               | 0.440 | 12.9  |

\* Compounds with required minimum RRF and maximum %RSD values.  
All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

|                     |                   |                        |                              |
|---------------------|-------------------|------------------------|------------------------------|
| Lab Name:           | <u>Alliance</u>   | Contract:              | <u>PACI01</u>                |
| Lab Code:           | <u>ACE</u>        | SDG No.:               | <u>Q3574</u>                 |
| Instrument ID:      | <u>MSVOA_X</u>    | Calibration Date/Time: | <u>11/12/2025 09:11</u>      |
| Lab File ID:        | <u>VX048563.D</u> | Init. Calib. Date(s):  | <u>11/07/2025 11/07/2025</u> |
| Heated Purge: (Y/N) | <u>N</u>          | Init. Calib. Time(s):  | <u>13:35 16:29</u>           |
| GC Column:          | <u>DB-624UI</u>   | ID:                    | <u>0.18</u> (mm)             |

| COMPOUND                       | RRF   | RRF050 | MIN RRF | %D     | MAX%D |
|--------------------------------|-------|--------|---------|--------|-------|
| Dichlorodifluoromethane        | 0.405 | 0.446  |         | 10.12  | 20    |
| Chloromethane                  | 0.537 | 0.526  | 0.1     | -2.05  | 20    |
| Vinyl Chloride                 | 0.608 | 0.618  |         | 1.64   | 20    |
| Bromomethane                   | 0.384 | 0.420  |         | 9.38   | 20    |
| Chloroethane                   | 0.398 | 0.386  |         | -3.02  | 20    |
| Trichlorofluoromethane         | 0.963 | 0.948  |         | -1.56  | 20    |
| 1,1,2-Trichlorotrifluoroethane | 0.557 | 0.563  |         | 1.08   | 20    |
| 1,1-Dichloroethene             | 0.582 | 0.567  |         | -2.58  | 20    |
| Acetone                        | 0.330 | 0.350  |         | 6.06   | 20    |
| Carbon Disulfide               | 1.638 | 1.508  |         | -7.94  | 20    |
| Methyl tert-butyl Ether        | 2.055 | 2.133  |         | 3.8    | 20    |
| Methyl Acetate                 | 0.906 | 0.939  |         | 3.64   | 20    |
| Methylene Chloride             | 0.678 | 0.665  |         | -1.92  | 20    |
| trans-1,2-Dichloroethene       | 0.617 | 0.597  |         | -3.24  | 20    |
| 1,1-Dichloroethane             | 1.142 | 1.139  | 0.1     | -0.26  | 20    |
| Cyclohexane                    | 0.936 | 0.914  |         | -2.35  | 20    |
| 2-Butanone                     | 0.488 | 0.514  |         | 5.33   | 20    |
| Carbon Tetrachloride           | 0.577 | 0.530  |         | -8.15  | 20    |
| cis-1,2-Dichloroethene         | 0.754 | 0.736  |         | -2.39  | 20    |
| Bromochloromethane             | 0.561 | 0.496  |         | -11.59 | 20    |
| Chloroform                     | 1.179 | 1.150  |         | -2.46  | 20    |
| 1,1,1-Trichloroethane          | 1.029 | 0.987  |         | -4.08  | 20    |
| Methylcyclohexane              | 0.569 | 0.563  |         | -1.05  | 20    |
| Benzene                        | 1.571 | 1.453  |         | -7.51  | 20    |
| 1,2-Dichloroethane             | 0.538 | 0.514  |         | -4.46  | 20    |
| Trichloroethene                | 0.375 | 0.371  |         | -1.07  | 20    |
| 1,2-Dichloropropane            | 0.361 | 0.374  |         | 3.6    | 20    |
| Bromodichloromethane           | 0.526 | 0.562  |         | 6.84   | 20    |
| 4-Methyl-2-Pentanone           | 0.571 | 0.640  |         | 12.08  | 20    |
| Toluene                        | 0.827 | 0.901  |         | 8.95   | 20    |
| t-1,3-Dichloropropene          | 0.541 | 0.579  |         | 7.02   | 20    |
| cis-1,3-Dichloropropene        | 0.561 | 0.623  |         | 11.05  | 20    |
| 1,1,2-Trichloroethane          | 0.330 | 0.375  |         | 13.64  | 20    |
| 2-Hexanone                     | 0.425 | 0.483  |         | 13.65  | 20    |
| Dibromochloromethane           | 0.406 | 0.455  |         | 12.07  | 20    |
| 1,2-Dibromoethane              | 0.358 | 0.405  |         | 13.13  | 20    |
| Tetrachloroethene              | 0.363 | 0.354  |         | -2.48  | 20    |
| Chlorobenzene                  | 1.187 | 1.154  | 0.3     | -2.78  | 20    |

All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

|                     |                   |                        |                                     |
|---------------------|-------------------|------------------------|-------------------------------------|
| Lab Name:           | <u>Alliance</u>   | Contract:              | <u>PACI01</u>                       |
| Lab Code:           | <u>ACE</u>        | SDG No.:               | <u>Q3574</u>                        |
| Instrument ID:      | <u>MSVOA_X</u>    | Calibration Date/Time: | <u>11/12/2025</u> <u>09:11</u>      |
| Lab File ID:        | <u>VX048563.D</u> | Init. Calib. Date(s):  | <u>11/07/2025</u> <u>11/07/2025</u> |
| Heated Purge: (Y/N) | <u>N</u>          | Init. Calib. Time(s):  | <u>13:35</u> <u>16:29</u>           |
| GC Column:          | <u>DB-624UI</u>   | ID:                    | <u>0.18</u> (mm)                    |

| COMPOUND                    | RRF   | RRF050 | MIN<br>RRF | %D     | MAX%D |
|-----------------------------|-------|--------|------------|--------|-------|
| Ethyl Benzene               | 1.993 | 1.956  |            | -1.86  | 20    |
| m/p-Xylenes                 | 0.751 | 0.752  |            | 0.13   | 20    |
| o-Xylene                    | 0.734 | 0.718  |            | -2.18  | 20    |
| Styrene                     | 1.232 | 1.251  |            | 1.54   | 20    |
| Bromoform                   | 0.367 | 0.371  | 0.1        | 1.09   | 20    |
| Isopropylbenzene            | 3.629 | 3.705  |            | 2.09   | 20    |
| 1,1,2,2-Tetrachloroethane   | 1.280 | 1.282  | 0.3        | 0.16   | 20    |
| 1,3-Dichlorobenzene         | 1.756 | 1.737  |            | -1.08  | 20    |
| 1,4-Dichlorobenzene         | 1.814 | 1.756  |            | -3.2   | 20    |
| 1,2-Dichlorobenzene         | 1.686 | 1.668  |            | -1.07  | 20    |
| 1,2-Dibromo-3-Chloropropane | 0.297 | 0.298  |            | 0.34   | 20    |
| 1,2,4-Trichlorobenzene      | 1.120 | 1.082  |            | -3.39  | 20    |
| 1,2,3-Trichlorobenzene      | 1.042 | 1.037  |            | -0.48  | 20    |
| 1,2-Dichloroethane-d4       | 0.697 | 0.645  |            | -7.46  | 20    |
| Dibromofluoromethane        | 0.378 | 0.329  |            | -12.96 | 20    |
| Toluene-d8                  | 1.180 | 1.121  |            | -5     | 20    |
| 4-Bromofluorobenzene        | 0.440 | 0.422  |            | -4.09  | 20    |

All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

|                     |                   |                        |                              |
|---------------------|-------------------|------------------------|------------------------------|
| Lab Name:           | <u>Alliance</u>   | Contract:              | <u>PACI01</u>                |
| Lab Code:           | <u>ACE</u>        | SDG No.:               | <u>Q3574</u>                 |
| Instrument ID:      | <u>MSVOA_X</u>    | Calibration Date/Time: | <u>11/12/2025 17:17</u>      |
| Lab File ID:        | <u>VX048584.D</u> | Init. Calib. Date(s):  | <u>11/07/2025 11/07/2025</u> |
| Heated Purge: (Y/N) | <u>N</u>          | Init. Calib. Time(s):  | <u>13:35 16:29</u>           |
| GC Column:          | <u>DB-624UI</u>   | ID:                    | <u>0.18</u> (mm)             |

| COMPOUND                       | RRF   | RRF050 | MIN RRF | %D     | MAX%D |
|--------------------------------|-------|--------|---------|--------|-------|
| Dichlorodifluoromethane        | 0.405 | 0.448  |         | 10.62  | 50    |
| Chloromethane                  | 0.537 | 0.548  | 0.1     | 2.05   | 50    |
| Vinyl Chloride                 | 0.608 | 0.628  |         | 3.29   | 50    |
| Bromomethane                   | 0.384 | 0.439  |         | 14.32  | 50    |
| Chloroethane                   | 0.398 | 0.394  |         | -1     | 50    |
| Trichlorofluoromethane         | 0.963 | 0.920  |         | -4.47  | 50    |
| 1,1,2-Trichlorotrifluoroethane | 0.557 | 0.552  |         | -0.9   | 50    |
| 1,1-Dichloroethene             | 0.582 | 0.577  |         | -0.86  | 50    |
| Acetone                        | 0.330 | 0.343  |         | 3.94   | 50    |
| Carbon Disulfide               | 1.638 | 1.469  |         | -10.32 | 50    |
| Methyl tert-butyl Ether        | 2.055 | 2.171  |         | 5.64   | 50    |
| Methyl Acetate                 | 0.906 | 0.972  |         | 7.28   | 50    |
| Methylene Chloride             | 0.678 | 0.674  |         | -0.59  | 50    |
| trans-1,2-Dichloroethene       | 0.617 | 0.605  |         | -1.95  | 50    |
| 1,1-Dichloroethane             | 1.142 | 1.211  | 0.1     | 6.04   | 50    |
| Cyclohexane                    | 0.936 | 0.890  |         | -4.91  | 50    |
| 2-Butanone                     | 0.488 | 0.553  |         | 13.32  | 50    |
| Carbon Tetrachloride           | 0.577 | 0.497  |         | -13.86 | 50    |
| cis-1,2-Dichloroethene         | 0.754 | 0.785  |         | 4.11   | 50    |
| Bromochloromethane             | 0.561 | 0.547  |         | -2.5   | 50    |
| Chloroform                     | 1.179 | 1.184  |         | 0.42   | 50    |
| 1,1,1-Trichloroethane          | 1.029 | 0.989  |         | -3.89  | 50    |
| Methylcyclohexane              | 0.569 | 0.502  |         | -11.77 | 50    |
| Benzene                        | 1.571 | 1.474  |         | -6.17  | 50    |
| 1,2-Dichloroethane             | 0.538 | 0.516  |         | -4.09  | 50    |
| Trichloroethene                | 0.375 | 0.374  |         | -0.27  | 50    |
| 1,2-Dichloropropane            | 0.361 | 0.360  |         | -0.28  | 50    |
| Bromodichloromethane           | 0.526 | 0.547  |         | 3.99   | 50    |
| 4-Methyl-2-Pentanone           | 0.571 | 0.613  |         | 7.36   | 50    |
| Toluene                        | 0.827 | 0.878  |         | 6.17   | 50    |
| t-1,3-Dichloropropene          | 0.541 | 0.546  |         | 0.92   | 50    |
| cis-1,3-Dichloropropene        | 0.561 | 0.598  |         | 6.59   | 50    |
| 1,1,2-Trichloroethane          | 0.330 | 0.367  |         | 11.21  | 50    |
| 2-Hexanone                     | 0.425 | 0.456  |         | 7.29   | 50    |
| Dibromochloromethane           | 0.406 | 0.449  |         | 10.59  | 50    |
| 1,2-Dibromoethane              | 0.358 | 0.388  |         | 8.38   | 50    |
| Tetrachloroethene              | 0.363 | 0.358  |         | -1.38  | 50    |
| Chlorobenzene                  | 1.187 | 1.148  | 0.3     | -3.29  | 50    |

All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

|                     |                   |                        |                                     |
|---------------------|-------------------|------------------------|-------------------------------------|
| Lab Name:           | <u>Alliance</u>   | Contract:              | <u>PACI01</u>                       |
| Lab Code:           | <u>ACE</u>        | SDG No.:               | <u>Q3574</u>                        |
| Instrument ID:      | <u>MSVOA_X</u>    | Calibration Date/Time: | <u>11/12/2025</u> <u>17:17</u>      |
| Lab File ID:        | <u>VX048584.D</u> | Init. Calib. Date(s):  | <u>11/07/2025</u> <u>11/07/2025</u> |
| Heated Purge: (Y/N) | <u>N</u>          | Init. Calib. Time(s):  | <u>13:35</u> <u>16:29</u>           |
| GC Column:          | <u>DB-624UI</u>   | ID:                    | <u>0.18</u> (mm)                    |

| COMPOUND                    | RRF   | RRF050 | MIN<br>RRF | %D     | MAX%D |
|-----------------------------|-------|--------|------------|--------|-------|
| Ethyl Benzene               | 1.993 | 1.919  |            | -3.71  | 50    |
| m/p-Xylenes                 | 0.751 | 0.741  |            | -1.33  | 50    |
| o-Xylene                    | 0.734 | 0.725  |            | -1.23  | 50    |
| Styrene                     | 1.232 | 1.253  |            | 1.71   | 50    |
| Bromoform                   | 0.367 | 0.365  | 0.1        | -0.55  | 50    |
| Isopropylbenzene            | 3.629 | 3.342  |            | -7.91  | 50    |
| 1,1,2,2-Tetrachloroethane   | 1.280 | 1.263  | 0.3        | -1.33  | 50    |
| 1,3-Dichlorobenzene         | 1.756 | 1.667  |            | -5.07  | 50    |
| 1,4-Dichlorobenzene         | 1.814 | 1.702  |            | -6.17  | 50    |
| 1,2-Dichlorobenzene         | 1.686 | 1.644  |            | -2.49  | 50    |
| 1,2-Dibromo-3-Chloropropane | 0.297 | 0.281  |            | -5.39  | 50    |
| 1,2,4-Trichlorobenzene      | 1.120 | 1.062  |            | -5.18  | 50    |
| 1,2,3-Trichlorobenzene      | 1.042 | 0.981  |            | -5.85  | 50    |
| 1,2-Dichloroethane-d4       | 0.697 | 0.657  |            | -5.74  | 50    |
| Dibromofluoromethane        | 0.378 | 0.310  |            | -17.99 | 50    |
| Toluene-d8                  | 1.180 | 1.036  |            | -12.2  | 50    |
| 4-Bromofluorobenzene        | 0.440 | 0.381  |            | -13.41 | 50    |

All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.