

## LAB CHRONICLE

|                 |                         |                   |                                          |
|-----------------|-------------------------|-------------------|------------------------------------------|
| <b>OrderID:</b> | Q2553                   | <b>OrderDate:</b> | 7/9/2025 4:20:00 PM                      |
| <b>Client:</b>  | First Environment, Inc. | <b>Project:</b>   | White Plains Housing Authority - WPHA006 |
| <b>Contact:</b> | Ken Cwieka              | <b>Location:</b>  | A43,VOA Lab                              |

| LabID    | ClientID | Matrix | Test          | Method | Sample Date | Prep Date | Anal Date | Received |
|----------|----------|--------|---------------|--------|-------------|-----------|-----------|----------|
| Q2553-01 | AOC-201  | Water  | VOC-TCLVOA-10 | 8260D  | 07/09/25    |           | 07/10/25  | 07/09/25 |
| Q2553-02 | AOC-202  | Water  | VOC-TCLVOA-10 | 8260D  | 07/09/25    |           | 07/10/25  | 07/09/25 |
| Q2553-03 | AOC-203  | Water  | VOC-TCLVOA-10 | 8260D  | 07/09/25    |           | 07/10/25  | 07/09/25 |
| Q2553-04 | AOC-205  | Water  | VOC-TCLVOA-10 | 8260D  | 07/09/25    |           | 07/10/25  | 07/09/25 |
| Q2553-05 | FB       | Water  | VOC-TCLVOA-10 | 8260D  | 07/09/25    |           | 07/14/25  | 07/09/25 |
| Q2553-06 | TB       | Water  | VOC-TCLVOA-10 | 8260D  | 07/09/25    |           | 07/10/25  | 07/09/25 |

### Hit Summary Sheet SW-846

SDG No.: Q2553

Client: First Environment, Inc.

| Sample ID                   | Client ID | Matrix | Parameter                      | Concentration | C | MDL  | RDL  | Units |
|-----------------------------|-----------|--------|--------------------------------|---------------|---|------|------|-------|
| <b>Client ID: AOC-201</b>   |           |        |                                |               |   |      |      |       |
| Q2553-01                    | AOC-201   | Water  | Acetone                        | 8.10          | J | 1.50 | 25.0 | ug/L  |
| Q2553-01                    | AOC-201   | Water  | Carbon Disulfide               | 0.94          | J | 0.21 | 5.00 | ug/L  |
| Q2553-01                    | AOC-201   | Water  | Cyclohexane                    | 19.5          |   | 1.50 | 5.00 | ug/L  |
| Q2553-01                    | AOC-201   | Water  | Methylcyclohexane              | 48.2          |   | 0.16 | 5.00 | ug/L  |
| Q2553-01                    | AOC-201   | Water  | Ethyl Benzene                  | 33.4          |   | 0.13 | 5.00 | ug/L  |
| Q2553-01                    | AOC-201   | Water  | m/p-Xylenes                    | 1.20          | J | 0.24 | 10.0 | ug/L  |
| Q2553-01                    | AOC-201   | Water  | o-Xylene                       | 0.34          | J | 0.12 | 5.00 | ug/L  |
| Q2553-01                    | AOC-201   | Water  | Isopropylbenzene               | 82.8          |   | 0.12 | 5.00 | ug/L  |
| <b>Total Voc :</b>          |           |        |                                | 194           |   |      |      |       |
| Q2553-01                    | AOC-201   | Water  | Benzene, 1,2,4,5-tetramethyl-  | * 160         | J | 0    | 0    | ug/L  |
| Q2553-01                    | AOC-201   | Water  | Pentane, 2-methyl-             | * 92.1        | J | 0    | 0    | ug/L  |
| Q2553-01                    | AOC-201   | Water  | Benzene, 2-propenyl-           | * 190         | J | 0    | 0    | ug/L  |
| Q2553-01                    | AOC-201   | Water  | Benzene, 1,2,3,4-tetramethyl-  | * 200         | J | 0    | 0    | ug/L  |
| Q2553-01                    | AOC-201   | Water  | Benzene, 1,2,3-trimethyl-      | * 170         | J | 0    | 0    | ug/L  |
| Q2553-01                    | AOC-201   | Water  | Pentane, 2,3-dimethyl-         | * 86.1        | J | 0    | 0    | ug/L  |
| Q2553-01                    | AOC-201   | Water  | Hexane, 3-methyl-              | * 91.5        | J | 0    | 0    | ug/L  |
| Q2553-01                    | AOC-201   | Water  | Benzene, 1-ethyl-2-methyl-     | * 150         | J | 0    | 0    | ug/L  |
| Q2553-01                    | AOC-201   | Water  | Benzene, 1-ethyl-4-methyl-     | * 120         | J | 0    | 0    | ug/L  |
| Q2553-01                    | AOC-201   | Water  | Indan, 1-methyl-               | * 190         | J | 0    | 0    | ug/L  |
| Q2553-01                    | AOC-201   | Water  | 1H-Indene, 2,3-dihydro-4-meth  | * 340         | J | 0    | 0    | ug/L  |
| Q2553-01                    | AOC-201   | Water  | Benzene, 4-ethyl-1,2-dimethyl- | * 280         | J | 0    | 0    | ug/L  |
| Q2553-01                    | AOC-201   | Water  | Benzene, 2-ethyl-1,4-dimethyl- | * 140         | J | 0    | 0    | ug/L  |
| Q2553-01                    | AOC-201   | Water  | Benzene, 1-ethenyl-4-ethyl-    | * 150         | J | 0    | 0    | ug/L  |
| Q2553-01                    | AOC-201   | Water  | n-propylbenzene                | * 280         | J | 0.13 | 5.00 | ug/L  |
| Q2553-01                    | AOC-201   | Water  | 1,3,5-Trimethylbenzene         | * 46.3        | J | 0.15 | 5.00 | ug/L  |
| Q2553-01                    | AOC-201   | Water  | 1,2,4-Trimethylbenzene         | * 680         | J | 0.14 | 5.00 | ug/L  |
| Q2553-01                    | AOC-201   | Water  | sec-Butylbenzene               | * 25.0        | J | 0.13 | 5.00 | ug/L  |
| Q2553-01                    | AOC-201   | Water  | p-Isopropyltoluene             | * 7.80        | J | 0.13 | 5.00 | ug/L  |
| Q2553-01                    | AOC-201   | Water  | n-Butylbenzene                 | * 34.4        | J | 0.15 | 5.00 | ug/L  |
| <b>Total Tics :</b>         |           |        |                                | 3430          |   |      |      |       |
| <b>Total Concentration:</b> |           |        |                                | 3630          |   |      |      |       |
| <b>Client ID: AOC-202</b>   |           |        |                                |               |   |      |      |       |
| Q2553-02                    | AOC-202   | Water  | Carbon Disulfide               | 0.39          | J | 0.21 | 5.00 | ug/L  |
| Q2553-02                    | AOC-202   | Water  | Isopropylbenzene               | 3.20          | J | 0.12 | 5.00 | ug/L  |
| <b>Total Voc :</b>          |           |        |                                | 3.59          |   |      |      |       |
| Q2553-02                    | AOC-202   | Water  | Butane, 2,2-dimethyl-          | * 7.10        | J | 0    | 0    | ug/L  |

### Hit Summary Sheet SW-846

SDG No.: Q2553

Client: First Environment, Inc.

| Sample ID            | Client ID | Matrix | Parameter                       | Concentration | C   | MDL  | RDL  | Units |
|----------------------|-----------|--------|---------------------------------|---------------|-----|------|------|-------|
| Q2553-02             | AOC-202   | Water  | Butane, 2-methyl-               | * 13.1        | J   | 0    | 0    | ug/L  |
| Q2553-02             | AOC-202   | Water  | Butane, 2,3-dimethyl-           | * 23.3        | J   | 0    | 0    | ug/L  |
| Q2553-02             | AOC-202   | Water  | Pentane, 3-methyl-              | * 15.7        | J   | 0    | 0    | ug/L  |
| Q2553-02             | AOC-202   | Water  | Benzene, 1,4-diethyl-           | * 15.4        | J   | 0    | 0    | ug/L  |
| Q2553-02             | AOC-202   | Water  | Cyclopentene, 1,2,3-trimethyl-  | * 7.80        | J   | 0    | 0    | ug/L  |
| Q2553-02             | AOC-202   | Water  | Benzene, 1,2,3,5-tetramethyl-   | * 18.7        | J   | 0    | 0    | ug/L  |
| Q2553-02             | AOC-202   | Water  | Cyclopentane, 1,1-dimethyl-     | * 5.90        | J   | 0    | 0    | ug/L  |
| Q2553-02             | AOC-202   | Water  | Benzene, 1-ethenyl-3-ethyl-     | * 10.7        | J   | 0    | 0    | ug/L  |
| Q2553-02             | AOC-202   | Water  | 2,2-Dimethylindene, 2,3-dihydri | * 7.40        | J   | 0    | 0    | ug/L  |
| Q2553-02             | AOC-202   | Water  | n-propylbenzene                 | * 4.20        | J   | 0.13 | 5.00 | ug/L  |
| Q2553-02             | AOC-202   | Water  | tert-Butylbenzene               | * 0.38        | J   | 0.14 | 5.00 | ug/L  |
| Q2553-02             | AOC-202   | Water  | 1,2,4-Trimethylbenzene          | * 1.10        | J   | 0.14 | 5.00 | ug/L  |
| Q2553-02             | AOC-202   | Water  | sec-Butylbenzene                | * 2.10        | J   | 0.13 | 5.00 | ug/L  |
| Q2553-02             | AOC-202   | Water  | n-Butylbenzene                  | * 0.63        | J   | 0.15 | 5.00 | ug/L  |
| Total Tics :         |           |        |                                 |               | 134 |      |      |       |
| Total Concentration: |           |        |                                 |               | 137 |      |      |       |
| Client ID:           | AOC-203   |        |                                 |               |     |      |      |       |
| Q2553-03             | AOC-203   | Water  | Cyclohexane                     | 55.7          |     | 1.50 | 5.00 | ug/L  |
| Q2553-03             | AOC-203   | Water  | Methylcyclohexane               | 57.8          |     | 0.16 | 5.00 | ug/L  |
| Q2553-03             | AOC-203   | Water  | Benzene                         | 3.30          | J   | 0.15 | 5.00 | ug/L  |
| Q2553-03             | AOC-203   | Water  | Toluene                         | 0.40          | J   | 0.14 | 5.00 | ug/L  |
| Q2553-03             | AOC-203   | Water  | Ethyl Benzene                   | 140           |     | 0.13 | 5.00 | ug/L  |
| Q2553-03             | AOC-203   | Water  | m/p-Xylenes                     | 6.50          | J   | 0.24 | 10.0 | ug/L  |
| Q2553-03             | AOC-203   | Water  | Isopropylbenzene                | 100           |     | 0.12 | 5.00 | ug/L  |
| Total Voc :          |           |        |                                 |               | 364 |      |      |       |
| Q2553-03             | AOC-203   | Water  | Pentane, 3-methyl-              | * 64.3        | J   | 0    | 0    | ug/L  |
| Q2553-03             | AOC-203   | Water  | Cyclopentane, methyl-           | * 94.3        | J   | 0    | 0    | ug/L  |
| Q2553-03             | AOC-203   | Water  | Pentane, 2-methyl-              | * 87.8        | J   | 0    | 0    | ug/L  |
| Q2553-03             | AOC-203   | Water  | Benzene, 1,2,3,4-tetramethyl-   | * 130         | J   | 0    | 0    | ug/L  |
| Q2553-03             | AOC-203   | Water  | Indane                          | * 370         | J   | 0    | 0    | ug/L  |
| Q2553-03             | AOC-203   | Water  | Benzene, 1,2,3-trimethyl-       | * 260         | J   | 0    | 0    | ug/L  |
| Q2553-03             | AOC-203   | Water  | Benzene, 1-ethyl-2-methyl-      | * 86.6        | J   | 0    | 0    | ug/L  |
| Q2553-03             | AOC-203   | Water  | Benzene, 1-ethyl-4-methyl-      | * 95.7        | J   | 0    | 0    | ug/L  |
| Q2553-03             | AOC-203   | Water  | Indan, 1-methyl-                | * 130         | J   | 0    | 0    | ug/L  |
| Q2553-03             | AOC-203   | Water  | 1H-Indene, 2,3-dihydro-4-meth   | * 90.6        | J   | 0    | 0    | ug/L  |
| Q2553-03             | AOC-203   | Water  | 1H-Indene, 2,3-dihydro-5-meth   | * 220         | J   | 0    | 0    | ug/L  |
| Q2553-03             | AOC-203   | Water  | Benzene, 4-ethyl-1,2-dimethyl-  | * 190         | J   | 0    | 0    | ug/L  |

### Hit Summary Sheet SW-846

SDG No.: Q2553

Client: First Environment, Inc.

| Sample ID  | Client ID | Matrix | Parameter              | Concentration | C | MDL  | RDL  | Units |
|------------|-----------|--------|------------------------|---------------|---|------|------|-------|
| Q2553-03   | AOC-203   | Water  | n-propylbenzene        | * 250         | J | 0.13 | 5.00 | ug/L  |
| Q2553-03   | AOC-203   | Water  | 1,3,5-Trimethylbenzene | * 100         | J | 0.15 | 5.00 | ug/L  |
| Q2553-03   | AOC-203   | Water  | tert-Butylbenzene      | * 1.00        | J | 0.14 | 5.00 | ug/L  |
| Q2553-03   | AOC-203   | Water  | 1,2,4-Trimethylbenzene | * 160         | J | 0.14 | 5.00 | ug/L  |
| Q2553-03   | AOC-203   | Water  | sec-Butylbenzene       | * 17.6        | J | 0.13 | 5.00 | ug/L  |
| Q2553-03   | AOC-203   | Water  | p-Isopropyltoluene     | * 2.90        | J | 0.13 | 5.00 | ug/L  |
| Q2553-03   | AOC-203   | Water  | n-Butylbenzene         | * 25.4        | J | 0.15 | 5.00 | ug/L  |
|            |           |        | Total Tics :           | 2380          |   |      |      |       |
|            |           |        | Total Concentration:   | 2740          |   |      |      |       |
| Client ID: | AOC-205   |        |                        |               |   |      |      |       |
| Q2553-04   | AOC-205   | Water  | Carbon Disulfide       | 0.44          | J | 0.21 | 5.00 | ug/L  |
|            |           |        | Total Voc :            | 0.44          |   |      |      |       |
| Q2553-04   | AOC-205   | Water  | n-propylbenzene        | * 0.58        | J | 0.13 | 5.00 | ug/L  |
| Q2553-04   | AOC-205   | Water  | n-Butylbenzene         | * 0.24        | J | 0.15 | 5.00 | ug/L  |
|            |           |        | Total Tics :           | 0.82          |   |      |      |       |
|            |           |        | Total Concentration:   | 1.26          |   |      |      |       |
| Client ID: | FB        |        |                        |               |   |      |      |       |
| Q2553-05   | FB        | Water  | Acetone                | 2.20          | J | 1.50 | 25.0 | ug/L  |
| Q2553-05   | FB        | Water  | Carbon Disulfide       | 0.89          | J | 0.21 | 5.00 | ug/L  |
| Q2553-05   | FB        | Water  | Methylene Chloride     | 0.55          | J | 0.28 | 5.00 | ug/L  |
|            |           |        | Total Voc :            | 3.64          |   |      |      |       |
|            |           |        | Total Concentration:   | 3.64          |   |      |      |       |



# SAMPLE DATA

## Report of Analysis

|                    |                                          |                 |               |
|--------------------|------------------------------------------|-----------------|---------------|
| Client:            | First Environment, Inc.                  | Date Collected: | 07/09/25      |
| Project:           | White Plains Housing Authority - WPHA006 | Date Received:  | 07/09/25      |
| Client Sample ID:  | AOC-201                                  | SDG No.:        | Q2553         |
| Lab Sample ID:     | Q2553-01                                 | Matrix:         | Water         |
| Analytical Method: | 8260D                                    | % Solid:        | 0             |
| Sample Wt/Vol:     | 5 Units: mL                              | Final Vol:      | 5000 uL       |
| Soil Aliquot Vol:  | uL                                       | Test:           | VOC-TCLVOA-10 |
| GC Column:         | DB-624UI ID : 0.18                       | Level :         | LOW           |
| Prep Method :      |                                          |                 |               |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX046943.D        | 1         | 07/10/25 14:43 | VX071025      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 5.00  | U         | 0.22  | 5.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 5.00  | U         | 0.32  | 5.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 5.00  | U         | 0.26  | 5.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 5.00  | U         | 1.40  | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 5.00  | U         | 0.47  | 5.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 5.00  | U         | 0.33  | 5.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 5.00  | U         | 0.25  | 5.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 5.00  | U         | 0.23  | 5.00       | ug/L  |
| 67-64-1        | Acetone                        | 8.10  | J         | 1.50  | 25.0       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 0.94  | J         | 0.21  | 5.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 5.00  | U         | 0.16  | 5.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 5.00  | U         | 0.27  | 5.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 5.00  | U         | 0.28  | 5.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 5.00  | U         | 0.23  | 5.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 5.00  | U         | 0.23  | 5.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 19.5  |           | 1.50  | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 25.0  | U         | 0.98  | 25.0       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 5.00  | U         | 0.25  | 5.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 5.00  | U         | 0.19  | 5.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 5.00  | U         | 0.22  | 5.00       | ug/L  |
| 67-66-3        | Chloroform                     | 5.00  | U         | 0.25  | 5.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 5.00  | U         | 0.20  | 5.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 48.2  |           | 0.16  | 5.00       | ug/L  |
| 71-43-2        | Benzene                        | 5.00  | U         | 0.15  | 5.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 5.00  | U         | 0.22  | 5.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 5.00  | U         | 0.090 | 5.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 5.00  | U         | 0.20  | 5.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 5.00  | U         | 0.22  | 5.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 25.0  | U         | 0.68  | 25.0       | ug/L  |
| 108-88-3       | Toluene                        | 5.00  | U         | 0.14  | 5.00       | ug/L  |

## Report of Analysis

|                    |                                          |                 |          |
|--------------------|------------------------------------------|-----------------|----------|
| Client:            | First Environment, Inc.                  | Date Collected: | 07/09/25 |
| Project:           | White Plains Housing Authority - WPHA006 | Date Received:  | 07/09/25 |
| Client Sample ID:  | AOC-201                                  | SDG No.:        | Q2553    |
| Lab Sample ID:     | Q2553-01                                 | Matrix:         | Water    |
| Analytical Method: | 8260D                                    | % Solid:        | 0        |
| Sample Wt/Vol:     | 5                                        | Units:          | mL       |
| Soil Aliquot Vol:  |                                          |                 | uL       |
| GC Column:         | DB-624UI                                 | ID :            | 0.18     |
| Prep Method :      |                                          | Level :         | LOW      |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX046943.D        | 1         | 07/10/25 14:43 | VX071025      |

[illegible]

## Report of Analysis

|                    |                                          |                 |          |
|--------------------|------------------------------------------|-----------------|----------|
| Client:            | First Environment, Inc.                  | Date Collected: | 07/09/25 |
| Project:           | White Plains Housing Authority - WPHA006 | Date Received:  | 07/09/25 |
| Client Sample ID:  | AOC-201                                  | SDG No.:        | Q2553    |
| Lab Sample ID:     | Q2553-01                                 | Matrix:         | Water    |
| Analytical Method: | 8260D                                    | % Solid:        | 0        |
| Sample Wt/Vol:     | 5                                        | Units:          | mL       |
| Soil Aliquot Vol:  |                                          |                 | uL       |
| GC Column:         | DB-624UI                                 | ID :            | 0.18     |
| Prep Method :      |                                          | Level :         | LOW      |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX046943.D        | 1         | 07/10/25 14:43 | VX071025      |

| CAS Number  | Parameter                        | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|-------------|----------------------------------|-------|-----------|-----|------------|-------|
| 000107-83-5 | Pentane, 2-methyl-               | 92.1  | J         |     | 2.84       | ug/L  |
| 000565-59-3 | Pentane, 2,3-dimethyl-           | 86.1  | J         |     | 5.63       | ug/L  |
| 000589-34-4 | Hexane, 3-methyl-                | 91.5  | J         |     | 5.84       | ug/L  |
| 103-65-1    | n-propylbenzene                  | 280   | J         |     | 11.3       | ug/L  |
| 000611-14-3 | Benzene, 1-ethyl-2-methyl-       | 150   | J         |     | 11.4       | ug/L  |
| 108-67-8    | 1,3,5-Trimethylbenzene           | 46.3  | J         |     | 11.5       | ug/L  |
| 000622-96-8 | Benzene, 1-ethyl-4-methyl-       | 120   | J         |     | 11.6       | ug/L  |
| 95-63-6     | 1,2,4-Trimethylbenzene           | 680   | J         |     | 11.8       | ug/L  |
| 135-98-8    | sec-Butylbenzene                 | 25.0  | J         |     | 11.9       | ug/L  |
| 99-87-6     | p-Isopropyltoluene               | 7.80  | J         |     | 12.0       | ug/L  |
| 000526-73-8 | Benzene, 1,2,3-trimethyl-        | 170   | J         |     | 12.1       | ug/L  |
| 000300-57-2 | Benzene, 2-propenyl-             | 190   | J         |     | 12.2       | ug/L  |
| 104-51-8    | n-Butylbenzene                   | 34.4  | J         |     | 12.3       | ug/L  |
| 001758-88-9 | Benzene, 2-ethyl-1,4-dimethyl-   | 140   | J         |     | 12.5       | ug/L  |
| 000934-80-5 | Benzene, 4-ethyl-1,2-dimethyl-   | 280   | J         |     | 12.6       | ug/L  |
| 000767-58-8 | Indan, 1-methyl-                 | 190   | J         |     | 12.7       | ug/L  |
| 000095-93-2 | Benzene, 1,2,4,5-tetramethyl-    | 160   | J         |     | 12.9       | ug/L  |
| 000488-23-3 | Benzene, 1,2,3,4-tetramethyl-    | 200   | J         |     | 13.0       | ug/L  |
| 003454-07-7 | Benzene, 1-ethenyl-4-ethyl-      | 150   | J         |     | 13.2       | ug/L  |
| 000824-22-6 | 1H-Indene, 2,3-dihydro-4-methyl- | 340   | J         |     | 13.3       | 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

## Report of Analysis

|                    |                                          |                 |               |
|--------------------|------------------------------------------|-----------------|---------------|
| Client:            | First Environment, Inc.                  | Date Collected: | 07/09/25      |
| Project:           | White Plains Housing Authority - WPHA006 | Date Received:  | 07/09/25      |
| Client Sample ID:  | AOC-202                                  | SDG No.:        | Q2553         |
| Lab Sample ID:     | Q2553-02                                 | Matrix:         | Water         |
| Analytical Method: | 8260D                                    | % Solid:        | 0             |
| Sample Wt/Vol:     | 5 Units: mL                              | Final Vol:      | 5000 uL       |
| Soil Aliquot Vol:  | uL                                       | Test:           | VOC-TCLVOA-10 |
| GC Column:         | DB-624UI ID : 0.18                       | Level :         | LOW           |
| Prep Method :      |                                          |                 |               |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX046944.D        | 1         | 07/10/25 15:04 | VX071025      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 5.00  | U         | 0.22  | 5.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 5.00  | U         | 0.32  | 5.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 5.00  | U         | 0.26  | 5.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 5.00  | U         | 1.40  | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 5.00  | U         | 0.47  | 5.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 5.00  | U         | 0.33  | 5.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 5.00  | U         | 0.25  | 5.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 5.00  | U         | 0.23  | 5.00       | ug/L  |
| 67-64-1        | Acetone                        | 25.0  | U         | 1.50  | 25.0       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 0.39  | J         | 0.21  | 5.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 5.00  | U         | 0.16  | 5.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 5.00  | U         | 0.27  | 5.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 5.00  | U         | 0.28  | 5.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 5.00  | U         | 0.23  | 5.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 5.00  | U         | 0.23  | 5.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 5.00  | U         | 1.50  | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 25.0  | U         | 0.98  | 25.0       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 5.00  | U         | 0.25  | 5.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 5.00  | U         | 0.19  | 5.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 5.00  | U         | 0.22  | 5.00       | ug/L  |
| 67-66-3        | Chloroform                     | 5.00  | U         | 0.25  | 5.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 5.00  | U         | 0.20  | 5.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 5.00  | U         | 0.16  | 5.00       | ug/L  |
| 71-43-2        | Benzene                        | 5.00  | U         | 0.15  | 5.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 5.00  | U         | 0.22  | 5.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 5.00  | U         | 0.090 | 5.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 5.00  | U         | 0.20  | 5.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 5.00  | U         | 0.22  | 5.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 25.0  | U         | 0.68  | 25.0       | ug/L  |
| 108-88-3       | Toluene                        | 5.00  | U         | 0.14  | 5.00       | ug/L  |

## Report of Analysis

|                    |                                          |                 |          |
|--------------------|------------------------------------------|-----------------|----------|
| Client:            | First Environment, Inc.                  | Date Collected: | 07/09/25 |
| Project:           | White Plains Housing Authority - WPHA006 | Date Received:  | 07/09/25 |
| Client Sample ID:  | AOC-202                                  | SDG No.:        | Q2553    |
| Lab Sample ID:     | Q2553-02                                 | Matrix:         | Water    |
| Analytical Method: | 8260D                                    | % Solid:        | 0        |
| Sample Wt/Vol:     | 5                                        | Units:          | mL       |
| Soil Aliquot Vol:  |                                          |                 | uL       |
| GC Column:         | DB-624UI                                 | ID :            | 0.18     |
| Prep Method :      |                                          | Level :         | LOW      |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX046944.D        | 1         | 07/10/25 15:04 | VX071025      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|---------------------|------------|---------|
| 10061-02-6                | t-1,3-Dichloropropene       | 5.00   | U         | 0.17                | 5.00       | ug/L    |
| 10061-01-5                | cis-1,3-Dichloropropene     | 5.00   | U         | 0.16                | 5.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 5.00   | U         | 0.21                | 5.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 25.0   | U         | 0.89                | 25.0       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 5.00   | U         | 0.18                | 5.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 5.00   | U         | 0.15                | 5.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 5.00   | U         | 0.23                | 5.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 5.00   | U         | 0.12                | 5.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 5.00   | U         | 0.13                | 5.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 10.0   | U         | 0.24                | 10.0       | ug/L    |
| 95-47-6                   | o-Xylene                    | 5.00   | U         | 0.12                | 5.00       | ug/L    |
| 100-42-5                  | Styrene                     | 5.00   | U         | 0.15                | 5.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 5.00   | U         | 0.19                | 5.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 3.20   | J         | 0.12                | 5.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 5.00   | U         | 0.26                | 5.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 5.00   | U         | 0.16                | 5.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 5.00   | U         | 0.19                | 5.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 5.00   | U         | 0.16                | 5.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 5.00   | U         | 0.53                | 5.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 5.00   | U         | 0.20                | 5.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 5.00   | U         | 0.20                | 5.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |                     |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 50.4   |           | 70 (74) - 130 (125) | 101%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 46.9   |           | 70 (75) - 130 (124) | 94%        | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 50.6   |           | 70 (86) - 130 (113) | 101%       | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 52.6   |           | 70 (77) - 130 (121) | 105%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |                     |            |         |
| 363-72-4                  | Pentafluorobenzene          | 457000 | 5.568     |                     |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 803000 | 6.769     |                     |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 753000 | 10.055    |                     |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 387000 | 12.018    |                     |            |         |

### TENTATIVE IDENTIFIED COMPOUNDS



## Report of Analysis

|                    |                                          |                 |               |
|--------------------|------------------------------------------|-----------------|---------------|
| Client:            | First Environment, Inc.                  | Date Collected: | 07/09/25      |
| Project:           | White Plains Housing Authority - WPHA006 | Date Received:  | 07/09/25      |
| Client Sample ID:  | AOC-203                                  | SDG No.:        | Q2553         |
| Lab Sample ID:     | Q2553-03                                 | Matrix:         | Water         |
| Analytical Method: | 8260D                                    | % Solid:        | 0             |
| Sample Wt/Vol:     | 5 Units: mL                              | Final Vol:      | 5000 uL       |
| Soil Aliquot Vol:  | uL                                       | Test:           | VOC-TCLVOA-10 |
| GC Column:         | DB-624UI ID : 0.18                       | Level :         | LOW           |
| Prep Method :      |                                          |                 |               |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX046945.D        | 1         | 07/10/25 15:26 | VX071025      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 5.00  | U         | 0.22  | 5.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 5.00  | U         | 0.32  | 5.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 5.00  | U         | 0.26  | 5.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 5.00  | U         | 1.40  | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 5.00  | U         | 0.47  | 5.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 5.00  | U         | 0.33  | 5.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 5.00  | U         | 0.25  | 5.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 5.00  | U         | 0.23  | 5.00       | ug/L  |
| 67-64-1        | Acetone                        | 25.0  | U         | 1.50  | 25.0       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 5.00  | U         | 0.21  | 5.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 5.00  | U         | 0.16  | 5.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 5.00  | U         | 0.27  | 5.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 5.00  | U         | 0.28  | 5.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 5.00  | U         | 0.23  | 5.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 5.00  | U         | 0.23  | 5.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 55.7  |           | 1.50  | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 25.0  | U         | 0.98  | 25.0       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 5.00  | U         | 0.25  | 5.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 5.00  | U         | 0.19  | 5.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 5.00  | U         | 0.22  | 5.00       | ug/L  |
| 67-66-3        | Chloroform                     | 5.00  | U         | 0.25  | 5.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 5.00  | U         | 0.20  | 5.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 57.8  |           | 0.16  | 5.00       | ug/L  |
| 71-43-2        | Benzene                        | 3.30  | J         | 0.15  | 5.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 5.00  | U         | 0.22  | 5.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 5.00  | U         | 0.090 | 5.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 5.00  | U         | 0.20  | 5.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 5.00  | U         | 0.22  | 5.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 25.0  | U         | 0.68  | 25.0       | ug/L  |
| 108-88-3       | Toluene                        | 0.40  | J         | 0.14  | 5.00       | ug/L  |

## Report of Analysis

|                    |                                          |                 |          |
|--------------------|------------------------------------------|-----------------|----------|
| Client:            | First Environment, Inc.                  | Date Collected: | 07/09/25 |
| Project:           | White Plains Housing Authority - WPHA006 | Date Received:  | 07/09/25 |
| Client Sample ID:  | AOC-203                                  | SDG No.:        | Q2553    |
| Lab Sample ID:     | Q2553-03                                 | Matrix:         | Water    |
| Analytical Method: | 8260D                                    | % Solid:        | 0        |
| Sample Wt/Vol:     | 5                                        | Units:          | mL       |
| Soil Aliquot Vol:  |                                          |                 | uL       |
| GC Column:         | DB-624UI                                 | ID :            | 0.18     |
| Prep Method :      |                                          | Level :         | LOW      |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX046945.D        | 1         | 07/10/25 15:26 | VX071025      |

[illegible]

## Report of Analysis

|                    |                                          |                 |          |
|--------------------|------------------------------------------|-----------------|----------|
| Client:            | First Environment, Inc.                  | Date Collected: | 07/09/25 |
| Project:           | White Plains Housing Authority - WPHA006 | Date Received:  | 07/09/25 |
| Client Sample ID:  | AOC-203                                  | SDG No.:        | Q2553    |
| Lab Sample ID:     | Q2553-03                                 | Matrix:         | Water    |
| Analytical Method: | 8260D                                    | % Solid:        | 0        |
| Sample Wt/Vol:     | 5                                        | Units:          | mL       |
| Soil Aliquot Vol:  |                                          |                 | uL       |
| GC Column:         | DB-624UI                                 | ID :            | 0.18     |
| Prep Method :      |                                          | Level :         | LOW      |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX046945.D        | 1         | 07/10/25 15:26 | VX071025      |

| CAS Number  | Parameter                        | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|-------------|----------------------------------|-------|-----------|-----|------------|-------|
| 000107-83-5 | Pentane, 2-methyl-               | 87.8  | J         |     | 2.84       | ug/L  |
| 000096-14-0 | Pentane, 3-methyl-               | 64.3  | J         |     | 3.12       | ug/L  |
| 000096-37-7 | Cyclopentane, methyl-            | 94.3  | J         |     | 4.32       | ug/L  |
| 103-65-1    | n-propylbenzene                  | 250   | J         |     | 11.3       | ug/L  |
| 000611-14-3 | Benzene, 1-ethyl-2-methyl-       | 86.6  | J         |     | 11.4       | ug/L  |
| 108-67-8    | 1,3,5-Trimethylbenzene           | 100   | J         |     | 11.5       | ug/L  |
| 000622-96-8 | Benzene, 1-ethyl-4-methyl-       | 95.7  | J         |     | 11.6       | ug/L  |
| 98-06-6     | tert-Butylbenzene                | 1.00  | J         |     | 11.7       | ug/L  |
| 95-63-6     | 1,2,4-Trimethylbenzene           | 160   | J         |     | 11.8       | ug/L  |
| 135-98-8    | sec-Butylbenzene                 | 17.6  | J         |     | 11.9       | ug/L  |
| 99-87-6     | p-Isopropyltoluene               | 2.90  | J         |     | 12.0       | ug/L  |
| 000526-73-8 | Benzene, 1,2,3-trimethyl-        | 260   | J         |     | 12.1       | ug/L  |
| 000496-11-7 | Indane                           | 370   | J         |     | 12.2       | ug/L  |
| 104-51-8    | n-Butylbenzene                   | 25.4  | J         |     | 12.3       | ug/L  |
| 000934-80-5 | Benzene, 4-ethyl-1,2-dimethyl-   | 190   | J         |     | 12.6       | ug/L  |
| 000767-58-8 | Indan, 1-methyl-                 | 130   | J         |     | 12.7       | ug/L  |
| 000488-23-3 | Benzene, 1,2,3,4-tetramethyl-    | 130   | J         |     | 12.9       | ug/L  |
| 000824-22-6 | 1H-Indene, 2,3-dihydro-4-methyl- | 90.6  | J         |     | 13.2       | ug/L  |
| 000874-35-1 | 1H-Indene, 2,3-dihydro-5-methyl- | 220   | J         |     | 13.3       | 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

## Report of Analysis

|                    |                                          |                 |               |
|--------------------|------------------------------------------|-----------------|---------------|
| Client:            | First Environment, Inc.                  | Date Collected: | 07/09/25      |
| Project:           | White Plains Housing Authority - WPHA006 | Date Received:  | 07/09/25      |
| Client Sample ID:  | AOC-205                                  | SDG No.:        | Q2553         |
| Lab Sample ID:     | Q2553-04                                 | Matrix:         | Water         |
| Analytical Method: | 8260D                                    | % Solid:        | 0             |
| Sample Wt/Vol:     | 5 Units: mL                              | Final Vol:      | 5000 uL       |
| Soil Aliquot Vol:  | uL                                       | Test:           | VOC-TCLVOA-10 |
| GC Column:         | DB-624UI ID : 0.18                       | Level :         | LOW           |
| Prep Method :      |                                          |                 |               |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX046946.D        | 1         | 07/10/25 15:47 | VX071025      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 5.00  | U         | 0.22  | 5.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 5.00  | U         | 0.32  | 5.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 5.00  | U         | 0.26  | 5.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 5.00  | U         | 1.40  | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 5.00  | U         | 0.47  | 5.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 5.00  | U         | 0.33  | 5.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 5.00  | U         | 0.25  | 5.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 5.00  | U         | 0.23  | 5.00       | ug/L  |
| 67-64-1        | Acetone                        | 25.0  | U         | 1.50  | 25.0       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 0.44  | J         | 0.21  | 5.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 5.00  | U         | 0.16  | 5.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 5.00  | U         | 0.27  | 5.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 5.00  | U         | 0.28  | 5.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 5.00  | U         | 0.23  | 5.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 5.00  | U         | 0.23  | 5.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 5.00  | U         | 1.50  | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 25.0  | U         | 0.98  | 25.0       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 5.00  | U         | 0.25  | 5.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 5.00  | U         | 0.19  | 5.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 5.00  | U         | 0.22  | 5.00       | ug/L  |
| 67-66-3        | Chloroform                     | 5.00  | U         | 0.25  | 5.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 5.00  | U         | 0.20  | 5.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 5.00  | U         | 0.16  | 5.00       | ug/L  |
| 71-43-2        | Benzene                        | 5.00  | U         | 0.15  | 5.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 5.00  | U         | 0.22  | 5.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 5.00  | U         | 0.090 | 5.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 5.00  | U         | 0.20  | 5.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 5.00  | U         | 0.22  | 5.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 25.0  | U         | 0.68  | 25.0       | ug/L  |
| 108-88-3       | Toluene                        | 5.00  | U         | 0.14  | 5.00       | ug/L  |

## Report of Analysis

|                    |                                          |                 |          |
|--------------------|------------------------------------------|-----------------|----------|
| Client:            | First Environment, Inc.                  | Date Collected: | 07/09/25 |
| Project:           | White Plains Housing Authority - WPHA006 | Date Received:  | 07/09/25 |
| Client Sample ID:  | AOC-205                                  | SDG No.:        | Q2553    |
| Lab Sample ID:     | Q2553-04                                 | Matrix:         | Water    |
| Analytical Method: | 8260D                                    | % Solid:        | 0        |
| Sample Wt/Vol:     | 5                                        | Units:          | mL       |
| Soil Aliquot Vol:  |                                          |                 | uL       |
| GC Column:         | DB-624UI                                 | ID :            | 0.18     |
| Prep Method :      |                                          | Level :         | LOW      |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX046946.D        | 1         | 07/10/25 15:47 | VX071025      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|---------------------|------------|---------|
| 10061-02-6                | t-1,3-Dichloropropene       | 5.00   | U         | 0.17                | 5.00       | ug/L    |
| 10061-01-5                | cis-1,3-Dichloropropene     | 5.00   | U         | 0.16                | 5.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 5.00   | U         | 0.21                | 5.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 25.0   | U         | 0.89                | 25.0       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 5.00   | U         | 0.18                | 5.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 5.00   | U         | 0.15                | 5.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 5.00   | U         | 0.23                | 5.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 5.00   | U         | 0.12                | 5.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 5.00   | U         | 0.13                | 5.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 10.0   | U         | 0.24                | 10.0       | ug/L    |
| 95-47-6                   | o-Xylene                    | 5.00   | U         | 0.12                | 5.00       | ug/L    |
| 100-42-5                  | Styrene                     | 5.00   | U         | 0.15                | 5.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 5.00   | U         | 0.19                | 5.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 5.00   | U         | 0.12                | 5.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 5.00   | U         | 0.26                | 5.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 5.00   | U         | 0.16                | 5.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 5.00   | U         | 0.19                | 5.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 5.00   | U         | 0.16                | 5.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 5.00   | U         | 0.53                | 5.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 5.00   | U         | 0.20                | 5.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 5.00   | U         | 0.20                | 5.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |                     |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 50.3   |           | 70 (74) - 130 (125) | 101%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 46.5   |           | 70 (75) - 130 (124) | 93%        | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 49.8   |           | 70 (86) - 130 (113) | 100%       | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 51.9   |           | 70 (77) - 130 (121) | 104%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |                     |            |         |
| 363-72-4                  | Pentafluorobenzene          | 431000 | 5.562     |                     |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 761000 | 6.769     |                     |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 704000 | 10.055    |                     |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 362000 | 12.018    |                     |            |         |

### TENTATIVE IDENTIFIED COMPOUNDS



## Report of Analysis

|                    |                                          |                 |               |
|--------------------|------------------------------------------|-----------------|---------------|
| Client:            | First Environment, Inc.                  | Date Collected: | 07/09/25      |
| Project:           | White Plains Housing Authority - WPHA006 | Date Received:  | 07/09/25      |
| Client Sample ID:  | FB                                       | SDG No.:        | Q2553         |
| Lab Sample ID:     | Q2553-05                                 | Matrix:         | Water         |
| Analytical Method: | 8260D                                    | % Solid:        | 0             |
| Sample Wt/Vol:     | 5 Units: mL                              | Final Vol:      | 5000 uL       |
| Soil Aliquot Vol:  | uL                                       | Test:           | VOC-TCLVOA-10 |
| GC Column:         | DB-624UI ID : 0.18                       | Level :         | LOW           |
| Prep Method :      |                                          |                 |               |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX046984.D        | 1         | 07/14/25 18:56 | VX071425      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 5.00  | U         | 0.22  | 5.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 5.00  | U         | 0.32  | 5.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 5.00  | U         | 0.26  | 5.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 5.00  | U         | 1.40  | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 5.00  | U         | 0.47  | 5.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 5.00  | U         | 0.33  | 5.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 5.00  | U         | 0.25  | 5.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 5.00  | U         | 0.23  | 5.00       | ug/L  |
| 67-64-1        | Acetone                        | 2.20  | J         | 1.50  | 25.0       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 0.89  | J         | 0.21  | 5.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 5.00  | U         | 0.16  | 5.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 5.00  | UQ        | 0.27  | 5.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 0.55  | J         | 0.28  | 5.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 5.00  | U         | 0.23  | 5.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 5.00  | U         | 0.23  | 5.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 5.00  | U         | 1.50  | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 25.0  | U         | 0.98  | 25.0       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 5.00  | U         | 0.25  | 5.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 5.00  | U         | 0.19  | 5.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 5.00  | U         | 0.22  | 5.00       | ug/L  |
| 67-66-3        | Chloroform                     | 5.00  | U         | 0.25  | 5.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 5.00  | U         | 0.20  | 5.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 5.00  | U         | 0.16  | 5.00       | ug/L  |
| 71-43-2        | Benzene                        | 5.00  | U         | 0.15  | 5.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 5.00  | U         | 0.22  | 5.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 5.00  | U         | 0.090 | 5.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 5.00  | U         | 0.20  | 5.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 5.00  | U         | 0.22  | 5.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 25.0  | U         | 0.68  | 25.0       | ug/L  |
| 108-88-3       | Toluene                        | 5.00  | U         | 0.14  | 5.00       | ug/L  |

## Report of Analysis

|                    |                                          |                 |          |
|--------------------|------------------------------------------|-----------------|----------|
| Client:            | First Environment, Inc.                  | Date Collected: | 07/09/25 |
| Project:           | White Plains Housing Authority - WPHA006 | Date Received:  | 07/09/25 |
| Client Sample ID:  | FB                                       | SDG No.:        | Q2553    |
| Lab Sample ID:     | Q2553-05                                 | Matrix:         | Water    |
| Analytical Method: | 8260D                                    | % Solid:        | 0        |
| Sample Wt/Vol:     | 5                                        | Units:          | mL       |
| Soil Aliquot Vol:  |                                          |                 | uL       |
| GC Column:         | DB-624UI                                 | ID :            | 0.18     |
| Prep Method :      |                                          | Level :         | LOW      |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX046984.D        | 1         | 07/14/25 18:56 | VX071425      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|---------------------|------------|---------|
| 10061-02-6                | t-1,3-Dichloropropene       | 5.00   | U         | 0.17                | 5.00       | ug/L    |
| 10061-01-5                | cis-1,3-Dichloropropene     | 5.00   | U         | 0.16                | 5.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 5.00   | U         | 0.21                | 5.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 25.0   | U         | 0.89                | 25.0       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 5.00   | U         | 0.18                | 5.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 5.00   | U         | 0.15                | 5.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 5.00   | U         | 0.23                | 5.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 5.00   | U         | 0.12                | 5.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 5.00   | U         | 0.13                | 5.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 10.0   | U         | 0.24                | 10.0       | ug/L    |
| 95-47-6                   | o-Xylene                    | 5.00   | U         | 0.12                | 5.00       | ug/L    |
| 100-42-5                  | Styrene                     | 5.00   | U         | 0.15                | 5.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 5.00   | U         | 0.19                | 5.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 5.00   | U         | 0.12                | 5.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 5.00   | U         | 0.26                | 5.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 5.00   | U         | 0.16                | 5.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 5.00   | U         | 0.19                | 5.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 5.00   | U         | 0.16                | 5.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 5.00   | U         | 0.53                | 5.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 5.00   | U         | 0.20                | 5.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 5.00   | U         | 0.20                | 5.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |                     |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 52.6   |           | 70 (74) - 130 (125) | 105%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 48.7   |           | 70 (75) - 130 (124) | 97%        | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 47.9   |           | 70 (86) - 130 (113) | 96%        | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 51.8   |           | 70 (77) - 130 (121) | 104%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |                     |            |         |
| 363-72-4                  | Pentafluorobenzene          | 357000 | 5.568     |                     |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 603000 | 6.769     |                     |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 549000 | 10.055    |                     |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 281000 | 12.018    |                     |            |         |



## Report of Analysis

|                    |                                          |                 |               |
|--------------------|------------------------------------------|-----------------|---------------|
| Client:            | First Environment, Inc.                  | Date Collected: | 07/09/25      |
| Project:           | White Plains Housing Authority - WPHA006 | Date Received:  | 07/09/25      |
| Client Sample ID:  | TB                                       | SDG No.:        | Q2553         |
| Lab Sample ID:     | Q2553-06                                 | Matrix:         | Water         |
| Analytical Method: | 8260D                                    | % Solid:        | 0             |
| Sample Wt/Vol:     | 5 Units: mL                              | Final Vol:      | 5000 uL       |
| Soil Aliquot Vol:  | uL                                       | Test:           | VOC-TCLVOA-10 |
| GC Column:         | DB-624UI ID : 0.18                       | Level :         | LOW           |
| Prep Method :      |                                          |                 |               |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX046939.D        | 1         | 07/10/25 13:18 | VX071025      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 5.00  | U         | 0.22  | 5.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 5.00  | U         | 0.32  | 5.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 5.00  | U         | 0.26  | 5.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 5.00  | U         | 1.40  | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 5.00  | U         | 0.47  | 5.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 5.00  | U         | 0.33  | 5.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 5.00  | U         | 0.25  | 5.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 5.00  | U         | 0.23  | 5.00       | ug/L  |
| 67-64-1        | Acetone                        | 25.0  | U         | 1.50  | 25.0       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 5.00  | U         | 0.21  | 5.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 5.00  | U         | 0.16  | 5.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 5.00  | U         | 0.27  | 5.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 5.00  | U         | 0.28  | 5.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 5.00  | U         | 0.23  | 5.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 5.00  | U         | 0.23  | 5.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 5.00  | U         | 1.50  | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 25.0  | U         | 0.98  | 25.0       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 5.00  | U         | 0.25  | 5.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 5.00  | U         | 0.19  | 5.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 5.00  | U         | 0.22  | 5.00       | ug/L  |
| 67-66-3        | Chloroform                     | 5.00  | U         | 0.25  | 5.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 5.00  | U         | 0.20  | 5.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 5.00  | U         | 0.16  | 5.00       | ug/L  |
| 71-43-2        | Benzene                        | 5.00  | U         | 0.15  | 5.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 5.00  | U         | 0.22  | 5.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 5.00  | U         | 0.090 | 5.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 5.00  | U         | 0.20  | 5.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 5.00  | U         | 0.22  | 5.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 25.0  | U         | 0.68  | 25.0       | ug/L  |
| 108-88-3       | Toluene                        | 5.00  | U         | 0.14  | 5.00       | ug/L  |

## Report of Analysis

|                    |                                          |                 |          |
|--------------------|------------------------------------------|-----------------|----------|
| Client:            | First Environment, Inc.                  | Date Collected: | 07/09/25 |
| Project:           | White Plains Housing Authority - WPHA006 | Date Received:  | 07/09/25 |
| Client Sample ID:  | TB                                       | SDG No.:        | Q2553    |
| Lab Sample ID:     | Q2553-06                                 | Matrix:         | Water    |
| Analytical Method: | 8260D                                    | % Solid:        | 0        |
| Sample Wt/Vol:     | 5                                        | Units:          | mL       |
| Soil Aliquot Vol:  |                                          |                 | uL       |
| GC Column:         | DB-624UI                                 | ID :            | 0.18     |
| Prep Method :      |                                          | Level :         | LOW      |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX046939.D        | 1         | 07/10/25 13:18 | VX071025      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|---------------------|------------|---------|
| 10061-02-6                | t-1,3-Dichloropropene       | 5.00   | U         | 0.17                | 5.00       | ug/L    |
| 10061-01-5                | cis-1,3-Dichloropropene     | 5.00   | U         | 0.16                | 5.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 5.00   | U         | 0.21                | 5.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 25.0   | U         | 0.89                | 25.0       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 5.00   | U         | 0.18                | 5.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 5.00   | U         | 0.15                | 5.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 5.00   | U         | 0.23                | 5.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 5.00   | U         | 0.12                | 5.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 5.00   | U         | 0.13                | 5.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 10.0   | U         | 0.24                | 10.0       | ug/L    |
| 95-47-6                   | o-Xylene                    | 5.00   | U         | 0.12                | 5.00       | ug/L    |
| 100-42-5                  | Styrene                     | 5.00   | U         | 0.15                | 5.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 5.00   | U         | 0.19                | 5.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 5.00   | U         | 0.12                | 5.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 5.00   | U         | 0.26                | 5.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 5.00   | U         | 0.16                | 5.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 5.00   | U         | 0.19                | 5.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 5.00   | U         | 0.16                | 5.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 5.00   | U         | 0.53                | 5.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 5.00   | U         | 0.20                | 5.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 5.00   | U         | 0.20                | 5.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |                     |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 54.6   |           | 70 (74) - 130 (125) | 109%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 48.9   |           | 70 (75) - 130 (124) | 98%        | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 50.2   |           | 70 (86) - 130 (113) | 100%       | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 51.6   |           | 70 (77) - 130 (121) | 103%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |                     |            |         |
| 363-72-4                  | Pentafluorobenzene          | 354000 | 5.562     |                     |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 643000 | 6.769     |                     |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 599000 | 10.055    |                     |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 308000 | 12.018    |                     |            |         |





# QC SUMMARY

### Surrogate Summary

SDG No.: **Q2553**

Client: **First Environment, Inc.**

Analytical Method: **SW8260D**

| Lab Sample ID | Client ID   | Parameter             | Spike | Result | Recovery (%) | Qual | Limits (%) |           |
|---------------|-------------|-----------------------|-------|--------|--------------|------|------------|-----------|
|               |             |                       |       |        |              |      | Low        | High      |
| Q2553-01      | AOC-201     | 1,2-Dichloroethane-d4 | 50    | 51.4   | 103          |      | 70 (74)    | 130 (125) |
|               |             | Dibromofluoromethane  | 50    | 49.1   | 98           |      | 70 (75)    | 130 (124) |
|               |             | Toluene-d8            | 50    | 49.8   | 100          |      | 70 (86)    | 130 (113) |
|               |             | 4-Bromofluorobenzene  | 50    | 52.4   | 105          |      | 70 (77)    | 130 (121) |
| Q2553-02      | AOC-202     | 1,2-Dichloroethane-d4 | 50    | 50.4   | 101          |      | 70 (74)    | 130 (125) |
|               |             | Dibromofluoromethane  | 50    | 46.9   | 94           |      | 70 (75)    | 130 (124) |
|               |             | Toluene-d8            | 50    | 50.6   | 101          |      | 70 (86)    | 130 (113) |
|               |             | 4-Bromofluorobenzene  | 50    | 52.6   | 105          |      | 70 (77)    | 130 (121) |
| Q2553-03      | AOC-203     | 1,2-Dichloroethane-d4 | 50    | 49.8   | 100          |      | 70 (74)    | 130 (125) |
|               |             | Dibromofluoromethane  | 50    | 47.9   | 96           |      | 70 (75)    | 130 (124) |
|               |             | Toluene-d8            | 50    | 49.9   | 100          |      | 70 (86)    | 130 (113) |
|               |             | 4-Bromofluorobenzene  | 50    | 50.6   | 101          |      | 70 (77)    | 130 (121) |
| Q2553-04      | AOC-205     | 1,2-Dichloroethane-d4 | 50    | 50.3   | 101          |      | 70 (74)    | 130 (125) |
|               |             | Dibromofluoromethane  | 50    | 46.5   | 93           |      | 70 (75)    | 130 (124) |
|               |             | Toluene-d8            | 50    | 49.8   | 100          |      | 70 (86)    | 130 (113) |
|               |             | 4-Bromofluorobenzene  | 50    | 51.9   | 104          |      | 70 (77)    | 130 (121) |
| Q2553-05      | FB          | 1,2-Dichloroethane-d4 | 50    | 52.6   | 105          |      | 70 (74)    | 130 (125) |
|               |             | Dibromofluoromethane  | 50    | 48.7   | 97           |      | 70 (75)    | 130 (124) |
|               |             | Toluene-d8            | 50    | 47.9   | 96           |      | 70 (86)    | 130 (113) |
|               |             | 4-Bromofluorobenzene  | 50    | 51.8   | 104          |      | 70 (77)    | 130 (121) |
| Q2553-06      | TB          | 1,2-Dichloroethane-d4 | 50    | 54.6   | 109          |      | 70 (74)    | 130 (125) |
|               |             | Dibromofluoromethane  | 50    | 48.9   | 98           |      | 70 (75)    | 130 (124) |
|               |             | Toluene-d8            | 50    | 50.2   | 100          |      | 70 (86)    | 130 (113) |
|               |             | 4-Bromofluorobenzene  | 50    | 51.6   | 103          |      | 70 (77)    | 130 (121) |
| VX0714WBL01   | VX0714WBL01 | 1,2-Dichloroethane-d4 | 50    | 54.0   | 108          |      | 70 (74)    | 130 (125) |
|               |             | Dibromofluoromethane  | 50    | 50.9   | 102          |      | 70 (75)    | 130 (124) |
|               |             | Toluene-d8            | 50    | 48.7   | 97           |      | 70 (86)    | 130 (113) |
|               |             | 4-Bromofluorobenzene  | 50    | 52.2   | 104          |      | 70 (77)    | 130 (121) |
| VX0714WBS01   | VX0714WBS01 | 1,2-Dichloroethane-d4 | 50    | 55.5   | 111          |      | 70 (74)    | 130 (125) |
|               |             | Dibromofluoromethane  | 50    | 53.5   | 107          |      | 70 (75)    | 130 (124) |
|               |             | Toluene-d8            | 50    | 52.6   | 105          |      | 70 (86)    | 130 (113) |
|               |             | 4-Bromofluorobenzene  | 50    | 55.0   | 110          |      | 70 (77)    | 130 (121) |

## Surrogate Summary

SDG No.: Q2553

Client: First Environment, Inc.

Analytical Method: SW8260-Low

| Lab Sample ID | Client ID    | Parameter             | Spike | Result | Recovery (%) | Qual | Limits (%) |           |
|---------------|--------------|-----------------------|-------|--------|--------------|------|------------|-----------|
|               |              |                       |       |        |              |      | Low        | High      |
| VX0710WBL01   | VX0710WBL01  | 1,2-Dichloroethane-d4 | 50    | 56.6   | 113          |      | 70 (74)    | 130 (125) |
|               |              | Dibromofluoromethane  | 50    | 49.6   | 99           |      | 70 (75)    | 130 (124) |
|               |              | Toluene-d8            | 50    | 50.8   | 102          |      | 70 (86)    | 130 (113) |
|               |              | 4-Bromofluorobenzene  | 50    | 51.5   | 103          |      | 70 (77)    | 130 (121) |
| VX0710WBS01   | VX0710WBS01  | 1,2-Dichloroethane-d4 | 50    | 51.9   | 104          |      | 70 (74)    | 130 (125) |
|               |              | Dibromofluoromethane  | 50    | 51.2   | 102          |      | 70 (75)    | 130 (124) |
|               |              | Toluene-d8            | 50    | 49.9   | 100          |      | 70 (86)    | 130 (113) |
|               |              | 4-Bromofluorobenzene  | 50    | 52.6   | 105          |      | 70 (77)    | 130 (121) |
| VX0710WBSD0   | VX0710WBSD01 | 1,2-Dichloroethane-d4 | 50    | 52.1   | 104          |      | 70 (74)    | 130 (125) |
|               |              | Dibromofluoromethane  | 50    | 51.2   | 102          |      | 70 (75)    | 130 (124) |
|               |              | Toluene-d8            | 50    | 49.6   | 99           |      | 70 (86)    | 130 (113) |
|               |              | 4-Bromofluorobenzene  | 50    | 52.7   | 105          |      | 70 (77)    | 130 (121) |

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

|          |                                |                    |                   |
|----------|--------------------------------|--------------------|-------------------|
| SDG No.: | <u>Q2553</u>                   | Analytical Method: | <u>SW8260-Low</u> |
| Client:  | <u>First Environment, Inc.</u> | Datafile :         | <u>VX046936.D</u> |

| Lab Sample ID | Parameter                      | Spike | Result | Unit | Rec | RPD | Qual | Low     | Limits High | RPD |
|---------------|--------------------------------|-------|--------|------|-----|-----|------|---------|-------------|-----|
| VX0710WBS01   | Dichlorodifluoromethane        | 20    | 18.6   | ug/L | 93  |     |      | 40 (69) | 160 (116)   |     |
|               | Chloromethane                  | 20    | 18.8   | ug/L | 94  |     |      | 40 (65) | 160 (116)   |     |
|               | Vinyl chloride                 | 20    | 18.3   | ug/L | 92  |     |      | 70 (65) | 130 (117)   |     |
|               | Bromomethane                   | 20    | 19.2   | ug/L | 96  |     |      | 40 (58) | 160 (125)   |     |
|               | Chloroethane                   | 20    | 18.1   | ug/L | 91  |     |      | 40 (56) | 160 (128)   |     |
|               | Trichlorofluoromethane         | 20    | 19.4   | ug/L | 97  |     |      | 40 (73) | 160 (115)   |     |
|               | 1,1,2-Trichlorotrifluoroethane | 20    | 19.6   | ug/L | 98  |     |      | 70 (80) | 130 (112)   |     |
|               | 1,1-Dichloroethene             | 20    | 18.2   | ug/L | 91  |     |      | 70 (74) | 130 (110)   |     |
|               | Acetone                        | 100   | 96.3   | ug/L | 96  |     |      | 40 (60) | 160 (125)   |     |
|               | Carbon disulfide               | 20    | 16.9   | ug/L | 85  |     |      | 40 (64) | 160 (112)   |     |
|               | Methyl tert-butyl Ether        | 20    | 20.0   | ug/L | 100 |     |      | 70 (78) | 130 (114)   |     |
|               | Methyl Acetate                 | 20    | 23.0   | ug/L | 115 |     |      | 70 (67) | 130 (125)   |     |
|               | Methylene Chloride             | 20    | 20.6   | ug/L | 103 |     |      | 70 (72) | 130 (114)   |     |
|               | trans-1,2-Dichloroethene       | 20    | 19.4   | ug/L | 97  |     |      | 70 (75) | 130 (108)   |     |
|               | 1,1-Dichloroethane             | 20    | 19.9   | ug/L | 100 |     |      | 70 (78) | 130 (112)   |     |
|               | Cyclohexane                    | 20    | 18.8   | ug/L | 94  |     |      | 70 (75) | 130 (110)   |     |
|               | 2-Butanone                     | 100   | 100    | ug/L | 100 |     |      | 40 (65) | 160 (122)   |     |
|               | Carbon Tetrachloride           | 20    | 19.5   | ug/L | 98  |     |      | 70 (77) | 130 (113)   |     |
|               | cis-1,2-Dichloroethene         | 20    | 19.4   | ug/L | 97  |     |      | 70 (77) | 130 (110)   |     |
|               | Bromochloromethane             | 20    | 21.7   | ug/L | 109 |     |      | 70 (70) | 130 (124)   |     |
|               | Chloroform                     | 20    | 19.7   | ug/L | 99  |     |      | 70 (79) | 130 (113)   |     |
|               | 1,1,1-Trichloroethane          | 20    | 19.3   | ug/L | 97  |     |      | 70 (80) | 130 (108)   |     |
|               | Methylcyclohexane              | 20    | 17.8   | ug/L | 89  |     |      | 70 (72) | 130 (115)   |     |
|               | Benzene                        | 20    | 19.1   | ug/L | 96  |     |      | 70 (82) | 130 (109)   |     |
|               | 1,2-Dichloroethane             | 20    | 20.0   | ug/L | 100 |     |      | 70 (80) | 130 (115)   |     |
|               | Trichloroethene                | 20    | 18.3   | ug/L | 92  |     |      | 70 (77) | 130 (113)   |     |
|               | 1,2-Dichloropropane            | 20    | 19.5   | ug/L | 98  |     |      | 70 (83) | 130 (111)   |     |
|               | Bromodichloromethane           | 20    | 19.4   | ug/L | 97  |     |      | 70 (83) | 130 (110)   |     |
|               | 4-Methyl-2-Pentanone           | 100   | 110    | ug/L | 110 |     |      | 40 (74) | 160 (118)   |     |
|               | Toluene                        | 20    | 19.7   | ug/L | 99  |     |      | 70 (82) | 130 (110)   |     |
|               | t-1,3-Dichloropropene          | 20    | 19.1   | ug/L | 96  |     |      | 70 (79) | 130 (110)   |     |
|               | cis-1,3-Dichloropropene        | 20    | 19.3   | ug/L | 97  |     |      | 70 (82) | 130 (110)   |     |
|               | 1,1,2-Trichloroethane          | 20    | 20.5   | ug/L | 103 |     |      | 70 (83) | 130 (112)   |     |
|               | 2-Hexanone                     | 100   | 110    | ug/L | 110 |     |      | 40 (73) | 160 (117)   |     |
|               | Dibromochloromethane           | 20    | 19.9   | ug/L | 100 |     |      | 70 (82) | 130 (110)   |     |
|               | 1,2-Dibromoethane              | 20    | 20.2   | ug/L | 101 |     |      | 70 (81) | 130 (110)   |     |
|               | Tetrachloroethene              | 20    | 18.4   | ug/L | 92  |     |      | 70 (67) | 130 (123)   |     |
|               | Chlorobenzene                  | 20    | 19.2   | ug/L | 96  |     |      | 70 (82) | 130 (109)   |     |
|               | Ethyl Benzene                  | 20    | 19.3   | ug/L | 97  |     |      | 70 (83) | 130 (109)   |     |
|               | m/p-Xylenes                    | 40    | 38.5   | ug/L | 96  |     |      | 70 (82) | 130 (110)   |     |
|               | o-Xylene                       | 20    | 19.1   | ug/L | 96  |     |      | 70 (83) | 130 (109)   |     |
|               | Styrene                        | 20    | 19.7   | ug/L | 99  |     |      | 70 (80) | 130 (111)   |     |
|               | Bromoform                      | 20    | 19.4   | ug/L | 97  |     |      | 70 (79) | 130 (109)   |     |
|               | Isopropylbenzene               | 20    | 18.9   | ug/L | 95  |     |      | 70 (83) | 130 (112)   |     |
|               | 1,1,2,2-Tetrachloroethane      | 20    | 19.5   | ug/L | 98  |     |      | 70 (76) | 130 (118)   |     |
|               | 1,3-Dichlorobenzene            | 20    | 19.0   | ug/L | 95  |     |      | 70 (82) | 130 (108)   |     |
|               | 1,4-Dichlorobenzene            | 20    | 18.5   | ug/L | 93  |     |      | 70 (82) | 130 (107)   |     |
|               | 1,2-Dichlorobenzene            | 20    | 18.7   | ug/L | 94  |     |      | 70 (82) | 130 (109)   |     |

() = LABORATORY INHOUSE LIMIT

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

**SW-846**

|                 |                                       |                           |                          |
|-----------------|---------------------------------------|---------------------------|--------------------------|
| <b>SDG No.:</b> | <u><b>Q2553</b></u>                   | <b>Analytical Method:</b> | <u><b>SW8260-Low</b></u> |
| <b>Client:</b>  | <u><b>First Environment, Inc.</b></u> | <b>Datafile :</b>         | <u><b>VX046936.D</b></u> |

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | Qual | Low     | Limits<br>High | RPD |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|---------|----------------|-----|
| VX0710WBS01   | 1,2-Dibromo-3-Chloropropane | 20    | 19.3   | ug/L | 97  |     |      | 40 (68) | 160 (112)      |     |
|               | 1,2,4-Trichlorobenzene      | 20    | 17.8   | ug/L | 89  |     |      | 70 (75) | 130 (113)      |     |
|               | 1,2,3-Trichlorobenzene      | 20    | 18.7   | ug/L | 94  |     |      | 70 (76) | 130 (114)      |     |

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

|          |  |                         |            |  |                    |  |            |
|----------|--|-------------------------|------------|--|--------------------|--|------------|
| SDG No.: |  | Q2553                   | SW-846     |  | Analytical Method: |  | SW8260-Low |
| Client:  |  | First Environment, Inc. | Datafile : |  | VX046937.D         |  |            |

| Lab Sample ID | Parameter                      | Spike | Result | Unit | Rec | RPD | Qual | Low     | Limits High | RPD     |
|---------------|--------------------------------|-------|--------|------|-----|-----|------|---------|-------------|---------|
| VX0710WBSD01  | Dichlorodifluoromethane        | 20    | 17.6   | ug/L | 88  | 6   |      | 40 (69) | 160 (116)   | 20 (19) |
|               | Chloromethane                  | 20    | 17.9   | ug/L | 90  | 4   |      | 40 (65) | 160 (116)   | 20 (21) |
|               | Vinyl chloride                 | 20    | 17.5   | ug/L | 88  | 4   |      | 70 (65) | 130 (117)   | 20 (19) |
|               | Bromomethane                   | 20    | 19.1   | ug/L | 96  | 0   |      | 40 (58) | 160 (125)   | 20 (20) |
|               | Chloroethane                   | 20    | 17.7   | ug/L | 89  | 2   |      | 40 (56) | 160 (128)   | 20 (20) |
|               | Trichlorofluoromethane         | 20    | 18.8   | ug/L | 94  | 3   |      | 40 (73) | 160 (115)   | 20 (16) |
|               | 1,1,2-Trichlorotrifluoroethane | 20    | 19.2   | ug/L | 96  | 2   |      | 70 (80) | 130 (112)   | 20 (15) |
|               | 1,1-Dichloroethene             | 20    | 18.0   | ug/L | 90  | 1   |      | 70 (74) | 130 (110)   | 20 (20) |
|               | Acetone                        | 100   | 98.0   | ug/L | 98  | 2   |      | 40 (60) | 160 (125)   | 20 (20) |
|               | Carbon disulfide               | 20    | 16.3   | ug/L | 81  | 5   |      | 40 (64) | 160 (112)   | 20 (20) |
|               | Methyl tert-butyl Ether        | 20    | 21.1   | ug/L | 106 | 6   |      | 70 (78) | 130 (114)   | 20 (20) |
|               | Methyl Acetate                 | 20    | 24.3   | ug/L | 121 | 5   |      | 70 (67) | 130 (125)   | 20 (20) |
|               | Methylene Chloride             | 20    | 20.6   | ug/L | 103 | 0   |      | 70 (72) | 130 (114)   | 20 (20) |
|               | trans-1,2-Dichloroethene       | 20    | 18.5   | ug/L | 93  | 4   |      | 70 (75) | 130 (108)   | 20 (16) |
|               | 1,1-Dichloroethane             | 20    | 19.5   | ug/L | 98  | 2   |      | 70 (78) | 130 (112)   | 20 (20) |
|               | Cyclohexane                    | 20    | 18.9   | ug/L | 95  | 1   |      | 70 (75) | 130 (110)   | 20 (20) |
|               | 2-Butanone                     | 100   | 110    | ug/L | 110 | 10  |      | 40 (65) | 160 (122)   | 20 (26) |
|               | Carbon Tetrachloride           | 20    | 19.5   | ug/L | 98  | 0   |      | 70 (77) | 130 (113)   | 20 (15) |
|               | cis-1,2-Dichloroethene         | 20    | 19.3   | ug/L | 97  | 0   |      | 70 (77) | 130 (110)   | 20 (20) |
|               | Bromochloromethane             | 20    | 21.4   | ug/L | 107 | 2   |      | 70 (70) | 130 (124)   | 20 (20) |
|               | Chloroform                     | 20    | 20.0   | ug/L | 100 | 1   |      | 70 (79) | 130 (113)   | 20 (20) |
|               | 1,1,1-Trichloroethane          | 20    | 19.5   | ug/L | 98  | 1   |      | 70 (80) | 130 (108)   | 20 (20) |
|               | Methylcyclohexane              | 20    | 18.2   | ug/L | 91  | 2   |      | 70 (72) | 130 (115)   | 20 (20) |
|               | Benzene                        | 20    | 19.5   | ug/L | 98  | 2   |      | 70 (82) | 130 (109)   | 20 (15) |
|               | 1,2-Dichloroethane             | 20    | 20.7   | ug/L | 104 | 4   |      | 70 (80) | 130 (115)   | 20 (20) |
|               | Trichloroethene                | 20    | 18.7   | ug/L | 94  | 2   |      | 70 (77) | 130 (113)   | 20 (15) |
|               | 1,2-Dichloropropane            | 20    | 20.3   | ug/L | 102 | 4   |      | 70 (83) | 130 (111)   | 20 (16) |
|               | Bromodichloromethane           | 20    | 20.4   | ug/L | 102 | 5   |      | 70 (83) | 130 (110)   | 20 (16) |
|               | 4-Methyl-2-Pentanone           | 100   | 120    | ug/L | 120 | 9   |      | 40 (74) | 160 (118)   | 20 (25) |
|               | Toluene                        | 20    | 19.9   | ug/L | 100 | 1   |      | 70 (82) | 130 (110)   | 20 (16) |
|               | t-1,3-Dichloropropene          | 20    | 20.0   | ug/L | 100 | 4   |      | 70 (79) | 130 (110)   | 20 (20) |
|               | cis-1,3-Dichloropropene        | 20    | 19.8   | ug/L | 99  | 2   |      | 70 (82) | 130 (110)   | 20 (16) |
|               | 1,1,2-Trichloroethane          | 20    | 21.2   | ug/L | 106 | 3   |      | 70 (83) | 130 (112)   | 20 (20) |
|               | 2-Hexanone                     | 100   | 110    | ug/L | 110 | 0   |      | 40 (73) | 160 (117)   | 20 (25) |
|               | Dibromochloromethane           | 20    | 20.7   | ug/L | 104 | 4   |      | 70 (82) | 130 (110)   | 20 (20) |
|               | 1,2-Dibromoethane              | 20    | 20.8   | ug/L | 104 | 3   |      | 70 (81) | 130 (110)   | 20 (20) |
|               | Tetrachloroethene              | 20    | 18.5   | ug/L | 93  | 1   |      | 70 (67) | 130 (123)   | 20 (15) |
|               | Chlorobenzene                  | 20    | 19.6   | ug/L | 98  | 2   |      | 70 (82) | 130 (109)   | 20 (15) |
|               | Ethyl Benzene                  | 20    | 19.5   | ug/L | 98  | 1   |      | 70 (83) | 130 (109)   | 20 (16) |
|               | m/p-Xylenes                    | 40    | 39.1   | ug/L | 98  | 2   |      | 70 (82) | 130 (110)   | 20 (15) |
|               | o-Xylene                       | 20    | 19.2   | ug/L | 96  | 0   |      | 70 (83) | 130 (109)   | 20 (20) |
|               | Styrene                        | 20    | 20.1   | ug/L | 101 | 2   |      | 70 (80) | 130 (111)   | 20 (17) |
|               | Bromoform                      | 20    | 20.1   | ug/L | 101 | 4   |      | 70 (79) | 130 (109)   | 20 (20) |
|               | Isopropylbenzene               | 20    | 19.4   | ug/L | 97  | 2   |      | 70 (83) | 130 (112)   | 20 (29) |
|               | 1,1,2,2-Tetrachloroethane      | 20    | 20.6   | ug/L | 103 | 5   |      | 70 (76) | 130 (118)   | 20 (20) |
|               | 1,3-Dichlorobenzene            | 20    | 19.8   | ug/L | 99  | 4   |      | 70 (82) | 130 (108)   | 20 (20) |
|               | 1,4-Dichlorobenzene            | 20    | 18.8   | ug/L | 94  | 1   |      | 70 (82) | 130 (107)   | 20 (15) |
|               | 1,2-Dichlorobenzene            | 20    | 19.5   | ug/L | 98  | 4   |      | 70 (82) | 130 (109)   | 20 (20) |

() = LABORATORY INHOUSE LIMIT

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

**SW-846**

|                 |                                       |                           |                          |
|-----------------|---------------------------------------|---------------------------|--------------------------|
| <b>SDG No.:</b> | <u><b>Q2553</b></u>                   | <b>Analytical Method:</b> | <u><b>SW8260-Low</b></u> |
| <b>Client:</b>  | <u><b>First Environment, Inc.</b></u> | <b>Datafile :</b>         | <u><b>VX046937.D</b></u> |

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | Qual | Low     | Limits<br>High | RPD     |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|---------|----------------|---------|
| VX0710WBSD01  | 1,2-Dibromo-3-Chloropropane | 20    | 20.5   | ug/L | 103 | 6   |      | 40 (68) | 160 (112)      | 20 (20) |
|               | 1,2,4-Trichlorobenzene      | 20    | 19.2   | ug/L | 96  | 8   |      | 70 (75) | 130 (113)      | 20 (29) |
|               | 1,2,3-Trichlorobenzene      | 20    | 19.6   | ug/L | 98  | 4   |      | 70 (76) | 130 (114)      | 20 (29) |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

|          |                         |            |                    |         |
|----------|-------------------------|------------|--------------------|---------|
| SDG No.: | Q2553                   | SW-846     | Analytical Method: | SW8260D |
| Client:  | First Environment, Inc. | Datafile : | VX046968.D         |         |

| Lab Sample ID | Parameter                      | Spike | Result | Unit | Rec | RPD | Qual | Low     | Limits High | RPD |
|---------------|--------------------------------|-------|--------|------|-----|-----|------|---------|-------------|-----|
| VX0714WBS01   | Dichlorodifluoromethane        | 20    | 17.0   | ug/L | 85  |     |      | 40 (69) | 160 (116)   |     |
|               | Chloromethane                  | 20    | 15.6   | ug/L | 78  |     |      | 40 (65) | 160 (116)   |     |
|               | Vinyl chloride                 | 20    | 17.4   | ug/L | 87  |     |      | 70 (65) | 130 (117)   |     |
|               | Bromomethane                   | 20    | 17.8   | ug/L | 89  |     |      | 40 (58) | 160 (125)   |     |
|               | Chloroethane                   | 20    | 18.3   | ug/L | 92  |     |      | 40 (56) | 160 (128)   |     |
|               | Trichlorofluoromethane         | 20    | 18.1   | ug/L | 91  |     |      | 40 (73) | 160 (115)   |     |
|               | 1,1,2-Trichlorotrifluoroethane | 20    | 18.8   | ug/L | 94  |     |      | 70 (80) | 130 (112)   |     |
|               | 1,1-Dichloroethene             | 20    | 17.1   | ug/L | 86  |     |      | 70 (74) | 130 (110)   |     |
|               | Acetone                        | 100   | 110    | ug/L | 110 |     |      | 40 (60) | 160 (125)   |     |
|               | Carbon disulfide               | 20    | 14.3   | ug/L | 72  |     |      | 40 (64) | 160 (112)   |     |
|               | Methyl tert-butyl Ether        | 20    | 22.8   | ug/L | 114 |     |      | 70 (78) | 130 (114)   |     |
|               | Methyl Acetate                 | 20    | 30.0   | ug/L | 150 |     | *    | 70 (67) | 130 (125)   |     |
|               | Methylene Chloride             | 20    | 19.4   | ug/L | 97  |     |      | 70 (72) | 130 (114)   |     |
|               | trans-1,2-Dichloroethene       | 20    | 18.7   | ug/L | 94  |     |      | 70 (75) | 130 (108)   |     |
|               | 1,1-Dichloroethane             | 20    | 19.7   | ug/L | 99  |     |      | 70 (78) | 130 (112)   |     |
|               | Cyclohexane                    | 20    | 18.8   | ug/L | 94  |     |      | 70 (75) | 130 (110)   |     |
|               | 2-Butanone                     | 100   | 140    | ug/L | 140 |     |      | 40 (65) | 160 (122)   |     |
|               | Carbon Tetrachloride           | 20    | 18.8   | ug/L | 94  |     |      | 70 (77) | 130 (113)   |     |
|               | cis-1,2-Dichloroethene         | 20    | 19.3   | ug/L | 97  |     |      | 70 (77) | 130 (110)   |     |
|               | Bromochloromethane             | 20    | 20.9   | ug/L | 104 |     |      | 70 (70) | 130 (124)   |     |
|               | Chloroform                     | 20    | 19.9   | ug/L | 100 |     |      | 70 (79) | 130 (113)   |     |
|               | 1,1,1-Trichloroethane          | 20    | 19.9   | ug/L | 100 |     |      | 70 (80) | 130 (108)   |     |
|               | Methylcyclohexane              | 20    | 17.6   | ug/L | 88  |     |      | 70 (72) | 130 (115)   |     |
|               | Benzene                        | 20    | 19.2   | ug/L | 96  |     |      | 70 (82) | 130 (109)   |     |
|               | 1,2-Dichloroethane             | 20    | 20.5   | ug/L | 103 |     |      | 70 (80) | 130 (115)   |     |
|               | Trichloroethene                | 20    | 18.5   | ug/L | 93  |     |      | 70 (77) | 130 (113)   |     |
|               | 1,2-Dichloropropane            | 20    | 19.8   | ug/L | 99  |     |      | 70 (83) | 130 (111)   |     |
|               | Bromodichloromethane           | 20    | 19.2   | ug/L | 96  |     |      | 70 (83) | 130 (110)   |     |
|               | 4-Methyl-2-Pentanone           | 100   | 140    | ug/L | 140 |     |      | 40 (74) | 160 (118)   |     |
|               | Toluene                        | 20    | 19.7   | ug/L | 99  |     |      | 70 (82) | 130 (110)   |     |
|               | t-1,3-Dichloropropene          | 20    | 19.7   | ug/L | 99  |     |      | 70 (79) | 130 (110)   |     |
|               | cis-1,3-Dichloropropene        | 20    | 19.6   | ug/L | 98  |     |      | 70 (82) | 130 (110)   |     |
|               | 1,1,2-Trichloroethane          | 20    | 21.5   | ug/L | 108 |     |      | 70 (83) | 130 (112)   |     |
|               | 2-Hexanone                     | 100   | 140    | ug/L | 140 |     |      | 40 (73) | 160 (117)   |     |
|               | Dibromochloromethane           | 20    | 19.3   | ug/L | 97  |     |      | 70 (82) | 130 (110)   |     |
|               | 1,2-Dibromoethane              | 20    | 20.7   | ug/L | 104 |     |      | 70 (81) | 130 (110)   |     |
|               | Tetrachloroethene              | 20    | 18.4   | ug/L | 92  |     |      | 70 (67) | 130 (123)   |     |
|               | Chlorobenzene                  | 20    | 19.4   | ug/L | 97  |     |      | 70 (82) | 130 (109)   |     |
|               | Ethyl Benzene                  | 20    | 19.5   | ug/L | 98  |     |      | 70 (83) | 130 (109)   |     |
|               | m/p-Xylenes                    | 40    | 39.9   | ug/L | 100 |     |      | 70 (82) | 130 (110)   |     |
|               | o-Xylene                       | 20    | 20.2   | ug/L | 101 |     |      | 70 (83) | 130 (109)   |     |
|               | Styrene                        | 20    | 20.4   | ug/L | 102 |     |      | 70 (80) | 130 (111)   |     |
|               | Bromoform                      | 20    | 20.1   | ug/L | 101 |     |      | 70 (79) | 130 (109)   |     |
|               | Isopropylbenzene               | 20    | 19.7   | ug/L | 99  |     |      | 70 (83) | 130 (112)   |     |
|               | 1,1,2,2-Tetrachloroethane      | 20    | 22.6   | ug/L | 113 |     |      | 70 (76) | 130 (118)   |     |
|               | 1,3-Dichlorobenzene            | 20    | 19.7   | ug/L | 99  |     |      | 70 (82) | 130 (108)   |     |
|               | 1,4-Dichlorobenzene            | 20    | 18.9   | ug/L | 95  |     |      | 70 (82) | 130 (107)   |     |
|               | 1,2-Dichlorobenzene            | 20    | 19.7   | ug/L | 99  |     |      | 70 (82) | 130 (109)   |     |

() = LABORATORY INHOUSE LIMIT

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

|                 |                                       |                           |                          |
|-----------------|---------------------------------------|---------------------------|--------------------------|
|                 |                                       | <b>SW-846</b>             |                          |
| <b>SDG No.:</b> | <u><b>Q2553</b></u>                   | <b>Analytical Method:</b> | <u><b>SW8260D</b></u>    |
| <b>Client:</b>  | <u><b>First Environment, Inc.</b></u> | <b>Datafile :</b>         | <u><b>VX046968.D</b></u> |

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | Qual | Low     | Limits<br>High | RPD |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|---------|----------------|-----|
| VX0714WBS01   | 1,2-Dibromo-3-Chloropropane | 20    | 24.8   | ug/L | 124 |     |      | 40 (68) | 160 (112)      |     |
|               | 1,2,4-Trichlorobenzene      | 20    | 19.1   | ug/L | 96  |     |      | 70 (75) | 130 (113)      |     |
|               | 1,2,3-Trichlorobenzene      | 20    | 20.0   | ug/L | 100 |     |      | 70 (76) | 130 (114)      |     |

VOLATILE METHOD BLANK SUMMARY

Client ID

VX0710WBL01

Lab Name: Alliance

Contract: FIRS02

Lab Code: ACE

SDG NO.: Q2553

Lab File ID: VX046935.D

Lab Sample ID: VX0710WBL01

Date Analyzed: 07/10/2025

Time Analyzed: 11:44

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 |
|-------------------|------------------|----------------|------------------|
| VX0710WBS01       | VX0710WBS01      | VX046936.D     | 07/10/2025       |
| VX0710WBSD01      | VX0710WBSD01     | VX046937.D     | 07/10/2025       |
| TB                | Q2553-06         | VX046939.D     | 07/10/2025       |
| AOC-201           | Q2553-01         | VX046943.D     | 07/10/2025       |
| AOC-202           | Q2553-02         | VX046944.D     | 07/10/2025       |
| AOC-203           | Q2553-03         | VX046945.D     | 07/10/2025       |
| AOC-205           | Q2553-04         | VX046946.D     | 07/10/2025       |

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

VOLATILE METHOD BLANK SUMMARY

Client ID

VX0714WBL01

Lab Name: Alliance

Contract: FIRS02

Lab Code: ACE

SDG NO.: Q2553

Lab File ID: VX046963.D

Lab Sample ID: VX0714WBL01

Date Analyzed: 07/14/2025

Time Analyzed: 11:18

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 |
|-------------------|------------------|----------------|------------------|
| VX0714WBS01       | VX0714WBS01      | VX046968.D     | 07/14/2025       |
| FB                | Q2553-05         | VX046984.D     | 07/14/2025       |

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

\_\_\_\_\_

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: FIRS02

Lab Code: ACE

SDG NO.: Q2553

Lab File ID: VX046859.D

BFB Injection Date: 07/02/2025

Instrument ID: MSVOA\_X

BFB Injection Time: 11:12

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            | 18.2                 |
| 75  | 30.0 - 60.0% of mass 95            | 50.1                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.4                  |
| 173 | Less than 2.0% of mass 174         | 0.8 ( 1 ) 1          |
| 174 | 50.0 - 100.0% of mass 95           | 75.5                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.6 ( 7.4 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 73.3 ( 97.1 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.9 ( 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 |
|-----------|---------------|-------------|---------------|---------------|
| VSTDIC001 | VSTDIC001     | VX046860.D  | 07/02/2025    | 12:11         |
| VSTDIC005 | VSTDIC005     | VX046861.D  | 07/02/2025    | 12:37         |
| VSTDIC020 | VSTDIC020     | VX046862.D  | 07/02/2025    | 13:18         |
| VSTDIC050 | VSTDIC050     | VX046863.D  | 07/02/2025    | 13:39         |
| VSTDIC100 | VSTDIC100     | VX046864.D  | 07/02/2025    | 14:10         |
| VSTDIC150 | VSTDIC150     | VX046865.D  | 07/02/2025    | 14:31         |

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: FIRS02

Lab Code: ACE

SDG NO.: Q2553

Lab File ID: VX046932.D

BFB Injection Date: 07/10/2025

Instrument ID: MSVOA\_X

BFB Injection Time: 08:43

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            | 19.2                 |
| 75  | 30.0 - 60.0% of mass 95            | 52.3                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.6                  |
| 173 | Less than 2.0% of mass 174         | 0.7 ( 1 ) 1          |
| 174 | 50.0 - 100.0% of mass 95           | 75.5                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.7 ( 7.6 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 71.9 ( 95.2 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 5.1 ( 7.1 ) 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    | VX046933.D  | 07/10/2025    | 09:54         |
| VX0710WBL01  | VX0710WBL01   | VX046935.D  | 07/10/2025    | 11:44         |
| VX0710WBS01  | VX0710WBS01   | VX046936.D  | 07/10/2025    | 12:10         |
| VX0710WBSD01 | VX0710WBSD01  | VX046937.D  | 07/10/2025    | 12:35         |
| TB           | Q2553-06      | VX046939.D  | 07/10/2025    | 13:18         |
| AOC-201      | Q2553-01      | VX046943.D  | 07/10/2025    | 14:43         |
| AOC-202      | Q2553-02      | VX046944.D  | 07/10/2025    | 15:04         |
| AOC-203      | Q2553-03      | VX046945.D  | 07/10/2025    | 15:26         |
| AOC-205      | Q2553-04      | VX046946.D  | 07/10/2025    | 15:47         |

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: FIRS02

Lab Code: ACE

SDG NO.: Q2553

Lab File ID: VX046960.D

BFB Injection Date: 07/14/2025

Instrument ID: MSVOA\_X

BFB Injection Time: 08:10

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            | 18.8                 |
| 75  | 30.0 - 60.0% of mass 95            | 51.6                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.4                  |
| 173 | Less than 2.0% of mass 174         | 0.9 ( 1.2 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 75.2                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.4 ( 7.1 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 73.8 ( 98.2 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.8 ( 6.5 ) 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    | VX046961.D  | 07/14/2025    | 09:16         |
| VX0714WBL01 | VX0714WBL01   | VX046963.D  | 07/14/2025    | 11:18         |
| VX0714WBS01 | VX0714WBS01   | VX046968.D  | 07/14/2025    | 13:10         |
| FB          | Q2553-05      | VX046984.D  | 07/14/2025    | 18:56         |

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: FIRS02  
 Lab Code: ACE SDG NO.: Q2553  
 Lab File ID: VX046933.D Date Analyzed: 07/10/2025  
 Instrument ID: MSVOA\_X Time Analyzed: 09:54  
 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    | 309661        | 5.56  | 506196        | 6.76  | 449744        | 10.05  |
| UPPER LIMIT    | 619322        | 6.056 | 1012390       | 7.263 | 899488        | 10.549 |
| LOWER LIMIT    | 154831        | 5.056 | 253098        | 6.263 | 224872        | 9.549  |
| EPA SAMPLE NO. |               |       |               |       |               |        |
| AOC-201        | 320576        | 5.56  | 555832        | 6.77  | 518959        | 10.06  |
| AOC-202        | 457019        | 5.57  | 802756        | 6.77  | 753351        | 10.06  |
| AOC-203        | 394931        | 5.56  | 673452        | 6.77  | 623779        | 10.06  |
| AOC-205        | 431287        | 5.56  | 760941        | 6.77  | 704204        | 10.06  |
| TB             | 354436        | 5.56  | 642674        | 6.77  | 599480        | 10.06  |
| VX0710WBL01    | 311309        | 5.56  | 568946        | 6.76  | 543608        | 10.06  |
| VX0710WBS01    | 342120        | 5.56  | 567066        | 6.76  | 521192        | 10.06  |
| VX0710WBSD01   | 319533        | 5.56  | 525170        | 6.76  | 482068        | 10.06  |

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: Alliance Contract: FIRS02  
 Lab Code: ACE SDG NO.: Q2553  
 Lab File ID: VX046933.D Date Analyzed: 07/10/2025  
 Instrument ID: MSVOA\_X Time Analyzed: 09:54  
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

|                | IS4<br>AREA # | RT #   |  |  |  |  |
|----------------|---------------|--------|--|--|--|--|
| 12 HOUR STD    | 231018        | 12.018 |  |  |  |  |
| UPPER LIMIT    | 462036        | 12.518 |  |  |  |  |
| LOWER LIMIT    | 115509        | 11.518 |  |  |  |  |
| EPA SAMPLE NO. |               |        |  |  |  |  |
| AOC-201        | 227982        | 12.02  |  |  |  |  |
| AOC-202        | 386856        | 12.02  |  |  |  |  |
| AOC-203        | 297586        | 12.02  |  |  |  |  |
| AOC-205        | 362481        | 12.02  |  |  |  |  |
| TB             | 308124        | 12.02  |  |  |  |  |
| VX0710WBL01    | 271904        | 12.02  |  |  |  |  |
| VX0710WBS01    | 270401        | 12.02  |  |  |  |  |
| VX0710WBSD01   | 249133        | 12.02  |  |  |  |  |

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.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: FIRS02  
 Lab Code: ACE SDG NO.: Q2553  
 Lab File ID: VX046961.D Date Analyzed: 07/14/2025  
 Instrument ID: MSVOA\_X Time Analyzed: 09:16  
 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    | 302863        | 5.56  | 503750        | 6.76  | 451308        | 10.05  |
| UPPER LIMIT    | 605726        | 6.056 | 1007500       | 7.263 | 902616        | 10.549 |
| LOWER LIMIT    | 151432        | 5.056 | 251875        | 6.263 | 225654        | 9.549  |
| EPA SAMPLE NO. |               |       |               |       |               |        |
| FB             | 356948        | 5.57  | 602998        | 6.77  | 548783        | 10.06  |
| VX0714WBL01    | 330854        | 5.56  | 558126        | 6.77  | 513014        | 10.06  |
| VX0714WBS01    | 311322        | 5.57  | 518025        | 6.77  | 465228        | 10.06  |

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>FIRS02</u>     |
| Lab Code:      | <u>ACE</u>        | SDG NO.:       | <u>Q2553</u>      |
| Lab File ID:   | <u>VX046961.D</u> | Date Analyzed: | <u>07/14/2025</u> |
| Instrument ID: | <u>MSVOA_X</u>    | Time Analyzed: | <u>09:16</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    | 220043        | 12.018 |  |  |  |  |
| UPPER LIMIT    | 440086        | 12.518 |  |  |  |  |
| LOWER LIMIT    | 110022        | 11.518 |  |  |  |  |
| EPA SAMPLE NO. |               |        |  |  |  |  |
| FB             | 281291        | 12.02  |  |  |  |  |
| VX0714WBL01    | 263407        | 12.02  |  |  |  |  |
| VX0714WBS01    | 241384        | 12.02  |  |  |  |  |

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:            | First Environment, Inc.                  | Date Collected: |               |
| Project:           | White Plains Housing Authority - WPHA006 | Date Received:  |               |
| Client Sample ID:  | VX0710WBL01                              | SDG No.:        | Q2553         |
| Lab Sample ID:     | VX0710WBL01                              | Matrix:         | Water         |
| Analytical Method: | 8260D                                    | % Solid:        | 0             |
| Sample Wt/Vol:     | 5 Units: mL                              | Final Vol:      | 5000 uL       |
| Soil Aliquot Vol:  | uL                                       | Test:           | VOC-TCLVOA-10 |
| GC Column:         | DB-624UI ID : 0.18                       | Level :         | LOW           |
| Prep Method :      |                                          |                 |               |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX046935.D        | 1         | 07/10/25 11:44 | VX071025      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 1.00  | U         | 0.22  | 1.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 1.00  | U         | 0.32  | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 1.00  | U         | 0.26  | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 5.00  | U         | 1.40  | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 1.00  | U         | 0.47  | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 1.00  | U         | 0.33  | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 1.00  | U         | 0.25  | 1.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 1.00  | U         | 0.23  | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 5.00  | U         | 1.50  | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 1.00  | U         | 0.21  | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 1.00  | U         | 0.16  | 1.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 1.00  | U         | 0.27  | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 1.00  | U         | 0.28  | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 1.00  | U         | 0.23  | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 1.00  | U         | 0.23  | 1.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 5.00  | U         | 1.50  | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 5.00  | U         | 0.98  | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 1.00  | U         | 0.25  | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 1.00  | U         | 0.19  | 1.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 1.00  | U         | 0.22  | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 1.00  | U         | 0.25  | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 1.00  | U         | 0.20  | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 1.00  | U         | 0.16  | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 1.00  | U         | 0.15  | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 1.00  | U         | 0.22  | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 1.00  | U         | 0.090 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 1.00  | U         | 0.20  | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 1.00  | U         | 0.22  | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 5.00  | U         | 0.68  | 5.00       | ug/L  |
| 108-88-3       | Toluene                        | 1.00  | U         | 0.14  | 1.00       | ug/L  |

## Report of Analysis

|                    |                                          |                 |               |
|--------------------|------------------------------------------|-----------------|---------------|
| Client:            | First Environment, Inc.                  | Date Collected: |               |
| Project:           | White Plains Housing Authority - WPHA006 | Date Received:  |               |
| Client Sample ID:  | VX0710WBL01                              | SDG No.:        | Q2553         |
| Lab Sample ID:     | VX0710WBL01                              | Matrix:         | Water         |
| Analytical Method: | 8260D                                    | % Solid:        | 0             |
| Sample Wt/Vol:     | 5 Units: mL                              | Final Vol:      | 5000 uL       |
| Soil Aliquot Vol:  | uL                                       | Test:           | VOC-TCLVOA-10 |
| GC Column:         | DB-624UI ID : 0.18                       | Level :         | LOW           |
| Prep Method :      |                                          |                 |               |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX046935.D        | 1         | 07/10/25 11:44 | VX071025      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|---------------------|------------|---------|
| 10061-02-6                | t-1,3-Dichloropropene       | 1.00   | U         | 0.17                | 1.00       | ug/L    |
| 10061-01-5                | cis-1,3-Dichloropropene     | 1.00   | U         | 0.16                | 1.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 1.00   | U         | 0.21                | 1.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 5.00   | U         | 0.89                | 5.00       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 1.00   | U         | 0.18                | 1.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 1.00   | U         | 0.15                | 1.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 1.00   | U         | 0.23                | 1.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 1.00   | U         | 0.12                | 1.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 1.00   | U         | 0.13                | 1.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 2.00   | U         | 0.24                | 2.00       | ug/L    |
| 95-47-6                   | o-Xylene                    | 1.00   | U         | 0.12                | 1.00       | ug/L    |
| 100-42-5                  | Styrene                     | 1.00   | U         | 0.15                | 1.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 1.00   | U         | 0.19                | 1.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 1.00   | U         | 0.12                | 1.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 1.00   | U         | 0.26                | 1.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 1.00   | U         | 0.16                | 1.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 1.00   | U         | 0.19                | 1.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 1.00   | U         | 0.16                | 1.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 1.00   | U         | 0.53                | 1.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 1.00   | U         | 0.20                | 1.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 1.00   | U         | 0.20                | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |                     |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 56.6   |           | 70 (74) - 130 (125) | 113%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 49.6   |           | 70 (75) - 130 (124) | 99%        | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 50.8   |           | 70 (86) - 130 (113) | 102%       | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 51.5   |           | 70 (77) - 130 (121) | 103%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |                     |            |         |
| 363-72-4                  | Pentafluorobenzene          | 311000 | 5.555     |                     |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 569000 | 6.763     |                     |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 544000 | 10.055    |                     |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 272000 | 12.018    |                     |            |         |



## Report of Analysis

|                    |                                          |                 |               |
|--------------------|------------------------------------------|-----------------|---------------|
| Client:            | First Environment, Inc.                  | Date Collected: |               |
| Project:           | White Plains Housing Authority - WPHA006 | Date Received:  |               |
| Client Sample ID:  | VX0714WBL01                              | SDG No.:        | Q2553         |
| Lab Sample ID:     | VX0714WBL01                              | Matrix:         | Water         |
| Analytical Method: | 8260D                                    | % Solid:        | 0             |
| Sample Wt/Vol:     | 5 Units: mL                              | Final Vol:      | 5000 uL       |
| Soil Aliquot Vol:  | uL                                       | Test:           | VOC-TCLVOA-10 |
| GC Column:         | DB-624UI ID : 0.18                       | Level :         | LOW           |
| Prep Method :      |                                          |                 |               |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX046963.D        | 1         | 07/14/25 11:18 | VX071425      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 5.00  | U         | 0.22  | 5.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 5.00  | U         | 0.32  | 5.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 5.00  | U         | 0.26  | 5.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 5.00  | U         | 1.40  | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 5.00  | U         | 0.47  | 5.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 5.00  | U         | 0.33  | 5.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 5.00  | U         | 0.25  | 5.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 5.00  | U         | 0.23  | 5.00       | ug/L  |
| 67-64-1        | Acetone                        | 25.0  | U         | 1.50  | 25.0       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 5.00  | U         | 0.21  | 5.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 5.00  | U         | 0.16  | 5.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 5.00  | U         | 0.27  | 5.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 5.00  | U         | 0.28  | 5.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 5.00  | U         | 0.23  | 5.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 5.00  | U         | 0.23  | 5.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 5.00  | U         | 1.50  | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 25.0  | U         | 0.98  | 25.0       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 5.00  | U         | 0.25  | 5.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 5.00  | U         | 0.19  | 5.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 5.00  | U         | 0.22  | 5.00       | ug/L  |
| 67-66-3        | Chloroform                     | 5.00  | U         | 0.25  | 5.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 5.00  | U         | 0.20  | 5.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 5.00  | U         | 0.16  | 5.00       | ug/L  |
| 71-43-2        | Benzene                        | 5.00  | U         | 0.15  | 5.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 5.00  | U         | 0.22  | 5.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 5.00  | U         | 0.090 | 5.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 5.00  | U         | 0.20  | 5.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 5.00  | U         | 0.22  | 5.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 25.0  | U         | 0.68  | 25.0       | ug/L  |
| 108-88-3       | Toluene                        | 5.00  | U         | 0.14  | 5.00       | ug/L  |

## Report of Analysis

|                    |                                          |                 |               |
|--------------------|------------------------------------------|-----------------|---------------|
| Client:            | First Environment, Inc.                  | Date Collected: |               |
| Project:           | White Plains Housing Authority - WPHA006 | Date Received:  |               |
| Client Sample ID:  | VX0714WBL01                              | SDG No.:        | Q2553         |
| Lab Sample ID:     | VX0714WBL01                              | Matrix:         | Water         |
| Analytical Method: | 8260D                                    | % Solid:        | 0             |
| Sample Wt/Vol:     | 5 Units: mL                              | Final Vol:      | 5000 uL       |
| Soil Aliquot Vol:  | uL                                       | Test:           | VOC-TCLVOA-10 |
| GC Column:         | DB-624UI ID : 0.18                       | Level :         | LOW           |
| Prep Method :      |                                          |                 |               |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX046963.D        | 1         | 07/14/25 11:18 | VX071425      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|---------------------|------------|---------|
| 10061-02-6                | t-1,3-Dichloropropene       | 5.00   | U         | 0.17                | 5.00       | ug/L    |
| 10061-01-5                | cis-1,3-Dichloropropene     | 5.00   | U         | 0.16                | 5.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 5.00   | U         | 0.21                | 5.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 25.0   | U         | 0.89                | 25.0       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 5.00   | U         | 0.18                | 5.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 5.00   | U         | 0.15                | 5.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 5.00   | U         | 0.23                | 5.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 5.00   | U         | 0.12                | 5.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 5.00   | U         | 0.13                | 5.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 10.0   | U         | 0.24                | 10.0       | ug/L    |
| 95-47-6                   | o-Xylene                    | 5.00   | U         | 0.12                | 5.00       | ug/L    |
| 100-42-5                  | Styrene                     | 5.00   | U         | 0.15                | 5.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 5.00   | U         | 0.19                | 5.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 5.00   | U         | 0.12                | 5.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 5.00   | U         | 0.26                | 5.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 5.00   | U         | 0.16                | 5.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 5.00   | U         | 0.19                | 5.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 5.00   | U         | 0.16                | 5.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 5.00   | U         | 0.53                | 5.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 5.00   | U         | 0.20                | 5.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 5.00   | U         | 0.20                | 5.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |                     |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 54.0   |           | 70 (74) - 130 (125) | 108%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 50.9   |           | 70 (75) - 130 (124) | 102%       | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 48.7   |           | 70 (86) - 130 (113) | 97%        | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 52.2   |           | 70 (77) - 130 (121) | 104%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |                     |            |         |
| 363-72-4                  | Pentafluorobenzene          | 331000 | 5.562     |                     |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 558000 | 6.769     |                     |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 513000 | 10.055    |                     |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 263000 | 12.018    |                     |            |         |



## Report of Analysis

|                    |                                          |                 |               |
|--------------------|------------------------------------------|-----------------|---------------|
| Client:            | First Environment, Inc.                  | Date Collected: |               |
| Project:           | White Plains Housing Authority - WPHA006 | Date Received:  |               |
| Client Sample ID:  | VX0710WBS01                              | SDG No.:        | Q2553         |
| Lab Sample ID:     | VX0710WBS01                              | Matrix:         | Water         |
| Analytical Method: | 8260D                                    | % Solid:        | 0             |
| Sample Wt/Vol:     | 5 Units: mL                              | Final Vol:      | 5000 uL       |
| Soil Aliquot Vol:  | uL                                       | Test:           | VOC-TCLVOA-10 |
| GC Column:         | DB-624UI ID : 0.18                       | Level :         | LOW           |
| Prep Method :      |                                          |                 |               |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX046936.D        | 1         | 07/10/25 12:10 | VX071025      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 18.6  |           | 0.22  | 1.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 18.8  |           | 0.32  | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 18.3  |           | 0.26  | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 19.2  |           | 1.40  | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 18.1  |           | 0.47  | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 19.4  |           | 0.33  | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 19.6  |           | 0.25  | 1.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 18.2  |           | 0.23  | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 96.3  |           | 1.50  | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 16.9  |           | 0.21  | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 20.0  |           | 0.16  | 1.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 23.0  |           | 0.27  | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 20.6  |           | 0.28  | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 19.4  |           | 0.23  | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 19.9  |           | 0.23  | 1.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 18.8  |           | 1.50  | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 100   |           | 0.98  | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 19.5  |           | 0.25  | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 19.4  |           | 0.19  | 1.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 21.7  |           | 0.22  | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 19.7  |           | 0.25  | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 19.3  |           | 0.20  | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 17.8  |           | 0.16  | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 19.1  |           | 0.15  | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 20.0  |           | 0.22  | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 18.3  |           | 0.090 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 19.5  |           | 0.20  | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 19.4  |           | 0.22  | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 110   |           | 0.68  | 5.00       | ug/L  |
| 108-88-3       | Toluene                        | 19.7  |           | 0.14  | 1.00       | ug/L  |

## Report of Analysis

|                    |                                          |                 |               |
|--------------------|------------------------------------------|-----------------|---------------|
| Client:            | First Environment, Inc.                  | Date Collected: |               |
| Project:           | White Plains Housing Authority - WPHA006 | Date Received:  |               |
| Client Sample ID:  | VX0710WBS01                              | SDG No.:        | Q2553         |
| Lab Sample ID:     | VX0710WBS01                              | Matrix:         | Water         |
| Analytical Method: | 8260D                                    | % Solid:        | 0             |
| Sample Wt/Vol:     | 5 Units: mL                              | Final Vol:      | 5000 uL       |
| Soil Aliquot Vol:  | uL                                       | Test:           | VOC-TCLVOA-10 |
| GC Column:         | DB-624UI ID : 0.18                       | Level :         | LOW           |
| Prep Method :      |                                          |                 |               |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX046936.D        | 1         | 07/10/25 12:10 | VX071025      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|---------------------|------------|---------|
| 10061-02-6                | t-1,3-Dichloropropene       | 19.1   |           | 0.17                | 1.00       | ug/L    |
| 10061-01-5                | cis-1,3-Dichloropropene     | 19.3   |           | 0.16                | 1.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 20.5   |           | 0.21                | 1.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 110    |           | 0.89                | 5.00       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 19.9   |           | 0.18                | 1.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 20.2   |           | 0.15                | 1.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 18.4   |           | 0.23                | 1.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 19.2   |           | 0.12                | 1.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 19.3   |           | 0.13                | 1.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 38.5   |           | 0.24                | 2.00       | ug/L    |
| 95-47-6                   | o-Xylene                    | 19.1   |           | 0.12                | 1.00       | ug/L    |
| 100-42-5                  | Styrene                     | 19.7   |           | 0.15                | 1.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 19.4   |           | 0.19                | 1.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 18.9   |           | 0.12                | 1.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 19.5   |           | 0.26                | 1.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 19.0   |           | 0.16                | 1.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 18.5   |           | 0.19                | 1.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 18.7   |           | 0.16                | 1.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 19.3   |           | 0.53                | 1.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 17.8   |           | 0.20                | 1.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 18.7   |           | 0.20                | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |                     |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 51.9   |           | 70 (74) - 130 (125) | 104%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 51.2   |           | 70 (75) - 130 (124) | 102%       | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 49.9   |           | 70 (86) - 130 (113) | 100%       | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 52.6   |           | 70 (77) - 130 (121) | 105%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |                     |            |         |
| 363-72-4                  | Pentafluorobenzene          | 342000 | 5.562     |                     |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 567000 | 6.763     |                     |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 521000 | 10.055    |                     |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 270000 | 12.018    |                     |            |         |

## Report of Analysis

|                    |                                            |                 |                              |
|--------------------|--------------------------------------------|-----------------|------------------------------|
| Client:            | First Environment, Inc.                    | Date Collected: |                              |
| Project:           | White Plains Housing Authority - WPHA006   | Date Received:  |                              |
| Client Sample ID:  | VX0710WBS01                                | SDG No.:        | Q2553                        |
| Lab Sample ID:     | VX0710WBS01                                | Matrix:         | Water                        |
| Analytical Method: | 8260D                                      | % Solid:        | 0                            |
| Sample Wt/Vol:     | 5                      Units:    mL        | Final Vol:      | 5000                      uL |
| Soil Aliquot Vol:  |                                            | Test:           | VOC-TCLVOA-10                |
| GC Column:         | DB-624UI                      ID :    0.18 | Level :         | LOW                          |
| Prep Method :      |                                            |                 |                              |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX046936.D        | 1         | 07/10/25 12:10 | VX071025      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

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:            | First Environment, Inc.                  | Date Collected: |               |
| Project:           | White Plains Housing Authority - WPHA006 | Date Received:  |               |
| Client Sample ID:  | VX0714WBS01                              | SDG No.:        | Q2553         |
| Lab Sample ID:     | VX0714WBS01                              | Matrix:         | Water         |
| Analytical Method: | 8260D                                    | % Solid:        | 0             |
| Sample Wt/Vol:     | 5 Units: mL                              | Final Vol:      | 5000 uL       |
| Soil Aliquot Vol:  | uL                                       | Test:           | VOC-TCLVOA-10 |
| GC Column:         | DB-624UI ID : 0.18                       | Level :         | LOW           |
| Prep Method :      |                                          |                 |               |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX046968.D        | 1         | 07/14/25 13:10 | VX071425      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 17.0  |           | 0.22  | 5.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 15.6  |           | 0.32  | 5.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 17.4  |           | 0.26  | 5.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 17.8  |           | 1.40  | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 18.3  |           | 0.47  | 5.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 18.1  |           | 0.33  | 5.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 18.8  |           | 0.25  | 5.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 17.1  |           | 0.23  | 5.00       | ug/L  |
| 67-64-1        | Acetone                        | 110   |           | 1.50  | 25.0       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 14.3  |           | 0.21  | 5.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 22.8  |           | 0.16  | 5.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 30.0  |           | 0.27  | 5.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 19.4  |           | 0.28  | 5.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 18.7  |           | 0.23  | 5.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 19.7  |           | 0.23  | 5.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 18.8  |           | 1.50  | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 140   |           | 0.98  | 25.0       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 18.8  |           | 0.25  | 5.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 19.3  |           | 0.19  | 5.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 20.9  |           | 0.22  | 5.00       | ug/L  |
| 67-66-3        | Chloroform                     | 19.9  |           | 0.25  | 5.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 19.9  |           | 0.20  | 5.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 17.6  |           | 0.16  | 5.00       | ug/L  |
| 71-43-2        | Benzene                        | 19.2  |           | 0.15  | 5.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 20.5  |           | 0.22  | 5.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 18.5  |           | 0.090 | 5.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 19.8  |           | 0.20  | 5.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 19.2  |           | 0.22  | 5.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 140   |           | 0.68  | 25.0       | ug/L  |
| 108-88-3       | Toluene                        | 19.7  |           | 0.14  | 5.00       | ug/L  |

## Report of Analysis

|                    |                                          |                 |               |
|--------------------|------------------------------------------|-----------------|---------------|
| Client:            | First Environment, Inc.                  | Date Collected: |               |
| Project:           | White Plains Housing Authority - WPHA006 | Date Received:  |               |
| Client Sample ID:  | VX0714WBS01                              | SDG No.:        | Q2553         |
| Lab Sample ID:     | VX0714WBS01                              | Matrix:         | Water         |
| Analytical Method: | 8260D                                    | % Solid:        | 0             |
| Sample Wt/Vol:     | 5 Units: mL                              | Final Vol:      | 5000 uL       |
| Soil Aliquot Vol:  | uL                                       | Test:           | VOC-TCLVOA-10 |
| GC Column:         | DB-624UI ID : 0.18                       | Level :         | LOW           |
| Prep Method :      |                                          |                 |               |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX046968.D        | 1         | 07/14/25 13:10 | VX071425      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|---------------------|------------|---------|
| 10061-02-6                | t-1,3-Dichloropropene       | 19.7   |           | 0.17                | 5.00       | ug/L    |
| 10061-01-5                | cis-1,3-Dichloropropene     | 19.6   |           | 0.16                | 5.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 21.5   |           | 0.21                | 5.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 140    |           | 0.89                | 25.0       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 19.3   |           | 0.18                | 5.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 20.7   |           | 0.15                | 5.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 18.4   |           | 0.23                | 5.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 19.4   |           | 0.12                | 5.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 19.5   |           | 0.13                | 5.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 39.9   |           | 0.24                | 10.0       | ug/L    |
| 95-47-6                   | o-Xylene                    | 20.2   |           | 0.12                | 5.00       | ug/L    |
| 100-42-5                  | Styrene                     | 20.4   |           | 0.15                | 5.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 20.1   |           | 0.19                | 5.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 19.7   |           | 0.12                | 5.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 22.6   |           | 0.26                | 5.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 19.7   |           | 0.16                | 5.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 18.9   |           | 0.19                | 5.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 19.7   |           | 0.16                | 5.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 24.8   |           | 0.53                | 5.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 19.1   |           | 0.20                | 5.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 20.0   |           | 0.20                | 5.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |                     |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 55.5   |           | 70 (74) - 130 (125) | 111%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 53.5   |           | 70 (75) - 130 (124) | 107%       | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 52.6   |           | 70 (86) - 130 (113) | 105%       | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 55.0   |           | 70 (77) - 130 (121) | 110%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |                     |            |         |
| 363-72-4                  | Pentafluorobenzene          | 311000 | 5.568     |                     |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 518000 | 6.769     |                     |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 465000 | 10.055    |                     |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 241000 | 12.018    |                     |            |         |

## Report of Analysis

|                    |                                            |                 |                              |
|--------------------|--------------------------------------------|-----------------|------------------------------|
| Client:            | First Environment, Inc.                    | Date Collected: |                              |
| Project:           | White Plains Housing Authority - WPHA006   | Date Received:  |                              |
| Client Sample ID:  | VX0714WBS01                                | SDG No.:        | Q2553                        |
| Lab Sample ID:     | VX0714WBS01                                | Matrix:         | Water                        |
| Analytical Method: | 8260D                                      | % Solid:        | 0                            |
| Sample Wt/Vol:     | 5                      Units:    mL        | Final Vol:      | 5000                      uL |
| Soil Aliquot Vol:  |                                            | Test:           | VOC-TCLVOA-10                |
| GC Column:         | DB-624UI                      ID :    0.18 | Level :         | LOW                          |
| Prep Method :      |                                            |                 |                              |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX046968.D        | 1         | 07/14/25 13:10 | VX071425      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

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:            | First Environment, Inc.                  | Date Collected: |               |
| Project:           | White Plains Housing Authority - WPHA006 | Date Received:  |               |
| Client Sample ID:  | VX0710WBSD01                             | SDG No.:        | Q2553         |
| Lab Sample ID:     | VX0710WBSD01                             | Matrix:         | Water         |
| Analytical Method: | 8260D                                    | % Solid:        | 0             |
| Sample Wt/Vol:     | 5 Units: mL                              | Final Vol:      | 5000 uL       |
| Soil Aliquot Vol:  | uL                                       | Test:           | VOC-TCLVOA-10 |
| GC Column:         | DB-624UI ID : 0.18                       | Level :         | LOW           |
| Prep Method :      |                                          |                 |               |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX046937.D        | 1         | 07/10/25 12:35 | VX071025      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 17.6  |           | 0.22  | 1.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 17.9  |           | 0.32  | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 17.5  |           | 0.26  | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 19.1  |           | 1.40  | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 17.7  |           | 0.47  | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 18.8  |           | 0.33  | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 19.2  |           | 0.25  | 1.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 18.0  |           | 0.23  | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 98.0  |           | 1.50  | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 16.3  |           | 0.21  | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 21.1  |           | 0.16  | 1.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 24.3  |           | 0.27  | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 20.6  |           | 0.28  | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 18.5  |           | 0.23  | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 19.5  |           | 0.23  | 1.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 18.9  |           | 1.50  | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 110   |           | 0.98  | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 19.5  |           | 0.25  | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 19.3  |           | 0.19  | 1.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 21.4  |           | 0.22  | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 20.0  |           | 0.25  | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 19.5  |           | 0.20  | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 18.2  |           | 0.16  | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 19.5  |           | 0.15  | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 20.7  |           | 0.22  | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 18.7  |           | 0.090 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 20.3  |           | 0.20  | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 20.4  |           | 0.22  | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 120   |           | 0.68  | 5.00       | ug/L  |
| 108-88-3       | Toluene                        | 19.9  |           | 0.14  | 1.00       | ug/L  |

## Report of Analysis

|                    |                                          |                 |               |
|--------------------|------------------------------------------|-----------------|---------------|
| Client:            | First Environment, Inc.                  | Date Collected: |               |
| Project:           | White Plains Housing Authority - WPHA006 | Date Received:  |               |
| Client Sample ID:  | VX0710WBSD01                             | SDG No.:        | Q2553         |
| Lab Sample ID:     | VX0710WBSD01                             | Matrix:         | Water         |
| Analytical Method: | 8260D                                    | % Solid:        | 0             |
| Sample Wt/Vol:     | 5 Units: mL                              | Final Vol:      | 5000 uL       |
| Soil Aliquot Vol:  | uL                                       | Test:           | VOC-TCLVOA-10 |
| GC Column:         | DB-624UI ID : 0.18                       | Level :         | LOW           |
| Prep Method :      |                                          |                 |               |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX046937.D        | 1         | 07/10/25 12:35 | VX071025      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|---------------------|------------|---------|
| 10061-02-6                | t-1,3-Dichloropropene       | 20.0   |           | 0.17                | 1.00       | ug/L    |
| 10061-01-5                | cis-1,3-Dichloropropene     | 19.8   |           | 0.16                | 1.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 21.2   |           | 0.21                | 1.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 110    |           | 0.89                | 5.00       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 20.7   |           | 0.18                | 1.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 20.8   |           | 0.15                | 1.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 18.5   |           | 0.23                | 1.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 19.6   |           | 0.12                | 1.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 19.5   |           | 0.13                | 1.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 39.1   |           | 0.24                | 2.00       | ug/L    |
| 95-47-6                   | o-Xylene                    | 19.2   |           | 0.12                | 1.00       | ug/L    |
| 100-42-5                  | Styrene                     | 20.1   |           | 0.15                | 1.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 20.1   |           | 0.19                | 1.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 19.4   |           | 0.12                | 1.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 20.6   |           | 0.26                | 1.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 19.8   |           | 0.16                | 1.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 18.8   |           | 0.19                | 1.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 19.5   |           | 0.16                | 1.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 20.5   |           | 0.53                | 1.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 19.2   |           | 0.20                | 1.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 19.6   |           | 0.20                | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |                     |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 52.1   |           | 70 (74) - 130 (125) | 104%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 51.2   |           | 70 (75) - 130 (124) | 102%       | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 49.6   |           | 70 (86) - 130 (113) | 99%        | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 52.7   |           | 70 (77) - 130 (121) | 105%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |                     |            |         |
| 363-72-4                  | Pentafluorobenzene          | 320000 | 5.562     |                     |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 525000 | 6.763     |                     |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 482000 | 10.055    |                     |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 249000 | 12.018    |                     |            |         |

## Report of Analysis

|                    |                                          |                 |       |
|--------------------|------------------------------------------|-----------------|-------|
| Client:            | First Environment, Inc.                  | Date Collected: |       |
| Project:           | White Plains Housing Authority - WPHA006 | Date Received:  |       |
| Client Sample ID:  | VX0710WBSD01                             | SDG No.:        | Q2553 |
| Lab Sample ID:     | VX0710WBSD01                             | Matrix:         | Water |
| Analytical Method: | 8260D                                    | % Solid:        | 0     |
| Sample Wt/Vol:     | 5                                        | Units:          | mL    |
| Soil Aliquot Vol:  |                                          |                 | uL    |
| GC Column:         | DB-624UI                                 | ID :            | 0.18  |
| Prep Method :      |                                          | Level :         | LOW   |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX046937.D        | 1         | 07/10/25 12:35 | VX071025      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

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>FIRS02</u>                                  |
| Lab Code: <u>ACE</u>                            | SDG No.: <u>Q2553</u>                                    |
| Instrument ID: <u>MSVOA_X</u>                   | Calibration Date(s): <u>07/02/2025</u> <u>07/02/2025</u> |
| Heated Purge: (Y/N) <u>N</u>                    | Calibration Time(s): <u>12:11</u> <u>14:31</u>           |
| GC Column: <u>DB-624UI</u> ID: <u>0.18</u> (mm) |                                                          |

|                                |        |                     |        |                     |        |                     |       |       |
|--------------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|
| LAB FILE ID:                   |        | RRF001 = VX046860.D |        | RRF005 = VX046861.D |        | RRF020 = VX046862.D |       |       |
|                                |        | RRF050 = VX046863.D |        | RRF100 = VX046864.D |        | RRF150 = VX046865.D |       |       |
| COMPOUND                       | RRF001 | RRF005              | RRF020 | RRF050              | RRF100 | RRF150              | RRF   | % RSD |
| Dichlorodifluoromethane        | 0.445  | 0.433               | 0.512  | 0.487               | 0.503  | 0.490               | 0.478 | 6.7   |
| Chloromethane                  | 0.505  | 0.507               | 0.541  | 0.508               | 0.543  | 0.530               | 0.522 | 3.4   |
| Vinyl Chloride                 | 0.568  | 0.549               | 0.591  | 0.550               | 0.589  | 0.566               | 0.569 | 3.2   |
| Bromomethane                   |        | 0.402               | 0.402  | 0.360               | 0.369  | 0.295               | 0.366 | 12    |
| Chloroethane                   | 0.443  | 0.365               | 0.383  | 0.347               | 0.362  | 0.354               | 0.376 | 9.4   |
| Trichlorofluoromethane         | 0.847  | 0.874               | 0.921  | 0.857               | 0.893  | 0.885               | 0.880 | 3     |
| 1,1,2-Trichlorotrifluoroethane | 0.527  | 0.571               | 0.583  | 0.548               | 0.572  | 0.562               | 0.561 | 3.6   |
| 1,1-Dichloroethene             | 0.543  | 0.555               | 0.546  | 0.524               | 0.546  | 0.540               | 0.542 | 1.9   |
| Acetone                        | 0.236  | 0.210               | 0.195  | 0.193               | 0.197  | 0.200               | 0.205 | 7.9   |
| Carbon Disulfide               | 1.585  | 1.425               | 1.405  | 1.342               | 1.398  | 1.376               | 1.422 | 6     |
| Methyl tert-butyl Ether        | 1.447  | 1.470               | 1.540  | 1.528               | 1.587  | 1.615               | 1.531 | 4.2   |
| Methyl Acetate                 | 0.488  | 0.474               | 0.560  | 0.553               | 0.570  | 0.599               | 0.541 | 9.1   |
| Methylene Chloride             | 0.623  | 0.625               | 0.624  | 0.585               | 0.596  | 0.588               | 0.607 | 3.1   |
| trans-1,2-Dichloroethene       | 0.552  | 0.564               | 0.575  | 0.541               | 0.551  | 0.545               | 0.555 | 2.3   |
| 1,1-Dichloroethane             | 1.080  | 1.084               | 1.074  | 1.039               | 1.055  | 1.050               | 1.064 | 1.7   |
| Cyclohexane                    |        | 0.973               | 0.977  | 0.918               | 0.926  | 0.927               | 0.944 | 3     |
| 2-Butanone                     | 0.260  | 0.270               | 0.275  | 0.275               | 0.276  | 0.286               | 0.274 | 3.1   |
| Carbon Tetrachloride           | 0.471  | 0.505               | 0.495  | 0.476               | 0.480  | 0.478               | 0.484 | 2.7   |
| cis-1,2-Dichloroethene         | 0.711  | 0.669               | 0.688  | 0.660               | 0.670  | 0.666               | 0.677 | 2.8   |
| Bromochloromethane             | 0.529  | 0.543               | 0.524  | 0.528               | 0.516  | 0.508               | 0.525 | 2.3   |
| Chloroform                     | 1.150  | 1.106               | 1.112  | 1.048               | 1.052  | 1.050               | 1.087 | 3.9   |
| 1,1,1-Trichloroethane          | 0.944  | 0.897               | 0.908  | 0.886               | 0.901  | 0.910               | 0.908 | 2.2   |
| Methylcyclohexane              | 0.539  | 0.588               | 0.589  | 0.567               | 0.578  | 0.576               | 0.573 | 3.2   |
| Benzene                        | 1.391  | 1.445               | 1.452  | 1.356               | 1.342  | 1.324               | 1.385 | 3.9   |
| 1,2-Dichloroethane             | 0.499  | 0.477               | 0.487  | 0.460               | 0.453  | 0.446               | 0.470 | 4.4   |
| Trichloroethene                | 0.386  | 0.377               | 0.365  | 0.344               | 0.347  | 0.344               | 0.361 | 5     |
| 1,2-Dichloropropane            | 0.364  | 0.340               | 0.362  | 0.346               | 0.345  | 0.342               | 0.350 | 3     |
| Bromodichloromethane           | 0.538  | 0.508               | 0.535  | 0.510               | 0.508  | 0.507               | 0.518 | 2.9   |
| 4-Methyl-2-Pentanone           | 0.330  | 0.340               | 0.368  | 0.366               | 0.353  | 0.357               | 0.353 | 4.3   |
| Toluene                        | 0.855  | 0.894               | 0.906  | 0.841               | 0.831  | 0.823               | 0.858 | 3.9   |

\* 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>FIRS02</u>                       |
| Lab Code:           | <u>ACE</u>      | SDG No.:             | <u>Q2553</u>                        |
| Instrument ID:      | <u>MSVOA_X</u>  | Calibration Date(s): | <u>07/02/2025</u> <u>07/02/2025</u> |
| Heated Purge: (Y/N) | <u>N</u>        | Calibration Time(s): | <u>12:11</u> <u>14:31</u>           |
| GC Column:          | <u>DB-624UI</u> | ID:                  | <u>0.18</u> (mm)                    |

|                             |        |                     |        |                     |        |                     |       |       |
|-----------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|
| LAB FILE ID:                |        | RRF001 = VX046860.D |        | RRF005 = VX046861.D |        | RRF020 = VX046862.D |       |       |
|                             |        | RRF050 = VX046863.D |        | RRF100 = VX046864.D |        | RRF150 = VX046865.D |       |       |
| COMPOUND                    | RRF001 | RRF005              | RRF020 | RRF050              | RRF100 | RRF150              | RRF   | % RSD |
| t-1,3-Dichloropropene       | 0.408  | 0.431               | 0.467  | 0.472               | 0.490  | 0.504               | 0.462 | 7.8   |
| cis-1,3-Dichloropropene     | 0.496  | 0.499               | 0.532  | 0.533               | 0.549  | 0.554               | 0.527 | 4.7   |
| 1,1,2-Trichloroethane       | 0.325  | 0.329               | 0.328  | 0.318               | 0.310  | 0.308               | 0.320 | 2.8   |
| 2-Hexanone                  | 0.205  | 0.227               | 0.245  | 0.247               | 0.238  | 0.242               | 0.234 | 6.8   |
| Dibromochloromethane        | 0.383  | 0.390               | 0.393  | 0.377               | 0.376  | 0.377               | 0.383 | 1.9   |
| 1,2-Dibromoethane           | 0.323  | 0.317               | 0.332  | 0.320               | 0.317  | 0.317               | 0.321 | 1.8   |
| Tetrachloroethene           | 0.353  | 0.346               | 0.345  | 0.315               | 0.320  | 0.318               | 0.333 | 5.1   |
| Chlorobenzene               | 1.111  | 1.117               | 1.113  | 1.049               | 1.051  | 1.045               | 1.081 | 3.3   |
| Ethyl Benzene               | 1.810  | 1.868               | 1.929  | 1.830               | 1.846  | 1.824               | 1.851 | 2.3   |
| m/p-Xylenes                 | 0.702  | 0.710               | 0.731  | 0.688               | 0.683  | 0.672               | 0.698 | 3.1   |
| o-Xylene                    | 0.676  | 0.677               | 0.703  | 0.665               | 0.663  | 0.660               | 0.674 | 2.4   |
| Styrene                     | 1.070  | 1.152               | 1.228  | 1.175               | 1.157  | 1.134               | 1.153 | 4.5   |
| Bromoform                   | 0.269  | 0.261               | 0.273  | 0.269               | 0.275  | 0.275               | 0.270 | 1.9   |
| Isopropylbenzene            | 3.267  | 3.428               | 3.611  | 3.601               | 3.592  | 3.590               | 3.515 | 4     |
| 1,1,2,2-Tetrachloroethane   | 1.000  | 0.948               | 0.981  | 0.963               | 0.939  | 0.968               | 0.966 | 2.3   |
| 1,3-Dichlorobenzene         | 1.615  | 1.664               | 1.673  | 1.627               | 1.625  | 1.619               | 1.637 | 1.5   |
| 1,4-Dichlorobenzene         | 1.852  | 1.776               | 1.711  | 1.632               | 1.622  | 1.632               | 1.704 | 5.5   |
| 1,2-Dichlorobenzene         | 1.626  | 1.592               | 1.625  | 1.568               | 1.560  | 1.550               | 1.587 | 2.1   |
| 1,2-Dibromo-3-Chloropropane | 0.158  | 0.151               | 0.164  | 0.171               | 0.178  | 0.192               | 0.169 | 8.7   |
| 1,2,4-Trichlorobenzene      | 1.016  | 1.020               | 1.078  | 1.087               | 1.121  | 1.145               | 1.078 | 4.9   |
| 1,2,3-Trichlorobenzene      | 0.900  | 0.965               | 1.033  | 1.045               | 1.069  | 1.099               | 1.019 | 7.2   |
| 1,2-Dichloroethane-d4       |        | 0.722               | 0.652  | 0.647               | 0.641  | 0.640               | 0.661 | 5.3   |
| Dibromofluoromethane        |        | 0.355               | 0.346  | 0.339               | 0.332  | 0.325               | 0.339 | 3.5   |
| Toluene-d8                  |        | 1.278               | 1.220  | 1.195               | 1.160  | 1.135               | 1.197 | 4.6   |
| 4-Bromofluorobenzene        |        | 0.493               | 0.469  | 0.455               | 0.433  | 0.426               | 0.455 | 6     |

\* 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>FIRS02</u>                |
| Lab Code:           | <u>ACE</u>        | SDG No.:               | <u>Q2553</u>                 |
| Instrument ID:      | <u>MSVOA_X</u>    | Calibration Date/Time: | <u>07/10/2025 09:54</u>      |
| Lab File ID:        | <u>VX046933.D</u> | Init. Calib. Date(s):  | <u>07/02/2025 07/02/2025</u> |
| Heated Purge: (Y/N) | <u>N</u>          | Init. Calib. Time(s):  | <u>12:11 14:31</u>           |
| GC Column:          | <u>DB-624UI</u>   | ID:                    | <u>0.18</u> (mm)             |

| COMPOUND                       | RRF   | RRF050 | MIN RRF | %D    | MAX%D |
|--------------------------------|-------|--------|---------|-------|-------|
| Dichlorodifluoromethane        | 0.478 | 0.491  |         | 2.72  | 20    |
| Chloromethane                  | 0.522 | 0.530  | 0.1     | 1.53  | 20    |
| Vinyl Chloride                 | 0.569 | 0.575  |         | 1.05  | 20    |
| Bromomethane                   | 0.366 | 0.384  |         | 4.92  | 20    |
| Chloroethane                   | 0.376 | 0.378  |         | 0.53  | 20    |
| Trichlorofluoromethane         | 0.880 | 0.925  |         | 5.11  | 20    |
| 1,1,2-Trichlorotrifluoroethane | 0.561 | 0.602  |         | 7.31  | 20    |
| 1,1-Dichloroethene             | 0.542 | 0.561  |         | 3.51  | 20    |
| Acetone                        | 0.205 | 0.237  |         | 15.61 | 20    |
| Carbon Disulfide               | 1.422 | 1.331  |         | -6.4  | 20    |
| Methyl tert-butyl Ether        | 1.531 | 1.789  |         | 16.85 | 20    |
| Methyl Acetate                 | 0.541 | 0.697  |         | 28.83 | 20    |
| Methylene Chloride             | 0.607 | 0.664  |         | 9.39  | 20    |
| trans-1,2-Dichloroethene       | 0.555 | 0.582  |         | 4.86  | 20    |
| 1,1-Dichloroethane             | 1.064 | 1.156  | 0.1     | 8.65  | 20    |
| Cyclohexane                    | 0.944 | 0.949  |         | 0.53  | 20    |
| 2-Butanone                     | 0.274 | 0.323  |         | 17.88 | 20    |
| Carbon Tetrachloride           | 0.484 | 0.514  |         | 6.2   | 20    |
| cis-1,2-Dichloroethene         | 0.677 | 0.724  |         | 6.94  | 20    |
| Bromochloromethane             | 0.525 | 0.563  |         | 7.24  | 20    |
| Chloroform                     | 1.087 | 1.184  |         | 8.92  | 20    |
| 1,1,1-Trichloroethane          | 0.908 | 0.966  |         | 6.39  | 20    |
| Methylcyclohexane              | 0.573 | 0.572  |         | -0.17 | 20    |
| Benzene                        | 1.385 | 1.459  |         | 5.34  | 20    |
| 1,2-Dichloroethane             | 0.470 | 0.518  |         | 10.21 | 20    |
| Trichloroethene                | 0.361 | 0.366  |         | 1.38  | 20    |
| 1,2-Dichloropropane            | 0.350 | 0.379  |         | 8.29  | 20    |
| Bromodichloromethane           | 0.518 | 0.576  |         | 11.2  | 20    |
| 4-Methyl-2-Pentanone           | 0.353 | 0.415  |         | 17.56 | 20    |
| Toluene                        | 0.858 | 0.906  |         | 5.59  | 20    |
| t-1,3-Dichloropropene          | 0.462 | 0.530  |         | 14.72 | 20    |
| cis-1,3-Dichloropropene        | 0.527 | 0.594  |         | 12.71 | 20    |
| 1,1,2-Trichloroethane          | 0.320 | 0.359  |         | 12.19 | 20    |
| 2-Hexanone                     | 0.234 | 0.282  |         | 20.51 | 20    |
| Dibromochloromethane           | 0.383 | 0.429  |         | 12.01 | 20    |
| 1,2-Dibromoethane              | 0.321 | 0.361  |         | 12.46 | 20    |
| Tetrachloroethene              | 0.333 | 0.343  |         | 3     | 20    |
| Chlorobenzene                  | 1.081 | 1.156  | 0.3     | 6.94  | 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>FIRS02</u>                       |
| Lab Code:           | <u>ACE</u>        | SDG No.:               | <u>Q2553</u>                        |
| Instrument ID:      | <u>MSVOA_X</u>    | Calibration Date/Time: | <u>07/10/2025</u> <u>09:54</u>      |
| Lab File ID:        | <u>VX046933.D</u> | Init. Calib. Date(s):  | <u>07/02/2025</u> <u>07/02/2025</u> |
| Heated Purge: (Y/N) | <u>N</u>          | Init. Calib. Time(s):  | <u>12:11</u> <u>14:31</u>           |
| GC Column:          | <u>DB-624UI</u>   | ID:                    | <u>0.18</u> (mm)                    |

| COMPOUND                    | RRF   | RRF050 | MIN<br>RRF | %D    | MAX%D |
|-----------------------------|-------|--------|------------|-------|-------|
| Ethyl Benzene               | 1.851 | 1.991  |            | 7.56  | 20    |
| m/p-Xylenes                 | 0.698 | 0.748  |            | 7.16  | 20    |
| o-Xylene                    | 0.674 | 0.731  |            | 8.46  | 20    |
| Styrene                     | 1.153 | 1.280  |            | 11.02 | 20    |
| Bromoform                   | 0.270 | 0.310  | 0.1        | 14.81 | 20    |
| Isopropylbenzene            | 3.515 | 3.800  |            | 8.11  | 20    |
| 1,1,2,2-Tetrachloroethane   | 0.966 | 1.071  | 0.3        | 10.87 | 20    |
| 1,3-Dichlorobenzene         | 1.637 | 1.724  |            | 5.32  | 20    |
| 1,4-Dichlorobenzene         | 1.704 | 1.741  |            | 2.17  | 20    |
| 1,2-Dichlorobenzene         | 1.587 | 1.671  |            | 5.29  | 20    |
| 1,2-Dibromo-3-Chloropropane | 0.169 | 0.191  |            | 13.02 | 20    |
| 1,2,4-Trichlorobenzene      | 1.078 | 1.137  |            | 5.47  | 20    |
| 1,2,3-Trichlorobenzene      | 1.019 | 1.098  |            | 7.75  | 20    |
| 1,2-Dichloroethane-d4       | 0.661 | 0.672  |            | 1.66  | 20    |
| Dibromofluoromethane        | 0.339 | 0.344  |            | 1.48  | 20    |
| Toluene-d8                  | 1.197 | 1.173  |            | -2.01 | 20    |
| 4-Bromofluorobenzene        | 0.455 | 0.452  |            | -0.66 | 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>FIRS02</u>                       |
| Lab Code:           | <u>ACE</u>        | SDG No.:               | <u>Q2553</u>                        |
| Instrument ID:      | <u>MSVOA_X</u>    | Calibration Date/Time: | <u>07/14/2025</u> <u>09:16</u>      |
| Lab File ID:        | <u>VX046961.D</u> | Init. Calib. Date(s):  | <u>07/02/2025</u> <u>07/02/2025</u> |
| Heated Purge: (Y/N) | <u>N</u>          | Init. Calib. Time(s):  | <u>12:11</u> <u>14:31</u>           |
| GC Column:          | <u>DB-624UI</u>   | ID:                    | <u>0.18</u> (mm)                    |

| COMPOUND                       | RRF   | RRF050 | MIN<br>RRF | %D    | MAX%D |
|--------------------------------|-------|--------|------------|-------|-------|
| Dichlorodifluoromethane        | 0.478 | 0.487  |            | 1.88  | 20    |
| Chloromethane                  | 0.522 | 0.477  | 0.1        | -8.62 | 20    |
| Vinyl Chloride                 | 0.569 | 0.565  |            | -0.7  | 20    |
| Bromomethane                   | 0.366 | 0.365  |            | -0.27 | 20    |
| Chloroethane                   | 0.376 | 0.357  |            | -5.05 | 20    |
| Trichlorofluoromethane         | 0.880 | 0.919  |            | 4.43  | 20    |
| 1,1,2-Trichlorotrifluoroethane | 0.561 | 0.585  |            | 4.28  | 20    |
| 1,1-Dichloroethene             | 0.542 | 0.553  |            | 2.03  | 20    |
| Acetone                        | 0.205 | 0.234  |            | 14.15 | 20    |
| Carbon Disulfide               | 1.422 | 1.298  |            | -8.72 | 20    |
| Methyl tert-butyl Ether        | 1.531 | 1.868  |            | 22.01 | 20    |
| Methyl Acetate                 | 0.541 | 0.769  |            | 42.14 | 20    |
| Methylene Chloride             | 0.607 | 0.629  |            | 3.62  | 20    |
| trans-1,2-Dichloroethene       | 0.555 | 0.557  |            | 0.36  | 20    |
| 1,1-Dichloroethane             | 1.064 | 1.127  | 0.1        | 5.92  | 20    |
| Cyclohexane                    | 0.944 | 0.919  |            | -2.65 | 20    |
| 2-Butanone                     | 0.274 | 0.340  |            | 24.09 | 20    |
| Carbon Tetrachloride           | 0.484 | 0.506  |            | 4.55  | 20    |
| cis-1,2-Dichloroethene         | 0.677 | 0.712  |            | 5.17  | 20    |
| Bromochloromethane             | 0.525 | 0.551  |            | 4.95  | 20    |
| Chloroform                     | 1.087 | 1.141  |            | 4.97  | 20    |
| 1,1,1-Trichloroethane          | 0.908 | 0.987  |            | 8.7   | 20    |
| Methylcyclohexane              | 0.573 | 0.556  |            | -2.97 | 20    |
| Benzene                        | 1.385 | 1.391  |            | 0.43  | 20    |
| 1,2-Dichloroethane             | 0.470 | 0.497  |            | 5.74  | 20    |
| Trichloroethene                | 0.361 | 0.355  |            | -1.66 | 20    |
| 1,2-Dichloropropane            | 0.350 | 0.364  |            | 4     | 20    |
| Bromodichloromethane           | 0.518 | 0.552  |            | 6.56  | 20    |
| 4-Methyl-2-Pentanone           | 0.353 | 0.436  |            | 23.51 | 20    |
| Toluene                        | 0.858 | 0.875  |            | 1.98  | 20    |
| t-1,3-Dichloropropene          | 0.462 | 0.534  |            | 15.58 | 20    |
| cis-1,3-Dichloropropene        | 0.527 | 0.581  |            | 10.25 | 20    |
| 1,1,2-Trichloroethane          | 0.320 | 0.348  |            | 8.75  | 20    |
| 2-Hexanone                     | 0.234 | 0.300  |            | 28.2  | 20    |
| Dibromochloromethane           | 0.383 | 0.413  |            | 7.83  | 20    |
| 1,2-Dibromoethane              | 0.321 | 0.347  |            | 8.1   | 20    |
| Tetrachloroethene              | 0.333 | 0.320  |            | -3.9  | 20    |
| Chlorobenzene                  | 1.081 | 1.090  | 0.3        | 0.83  | 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>FIRS02</u>                       |
| Lab Code:           | <u>ACE</u>        | SDG No.:               | <u>Q2553</u>                        |
| Instrument ID:      | <u>MSVOA_X</u>    | Calibration Date/Time: | <u>07/14/2025</u> <u>09:16</u>      |
| Lab File ID:        | <u>VX046961.D</u> | Init. Calib. Date(s):  | <u>07/02/2025</u> <u>07/02/2025</u> |
| Heated Purge: (Y/N) | <u>N</u>          | Init. Calib. Time(s):  | <u>12:11</u> <u>14:31</u>           |
| GC Column:          | <u>DB-624UI</u>   | ID:                    | <u>0.18</u> (mm)                    |

| COMPOUND                    | RRF   | RRF050 | MIN<br>RRF | %D    | MAX%D |
|-----------------------------|-------|--------|------------|-------|-------|
| Ethyl Benzene               | 1.851 | 1.887  |            | 1.95  | 20    |
| m/p-Xylenes                 | 0.698 | 0.709  |            | 1.58  | 20    |
| o-Xylene                    | 0.674 | 0.690  |            | 2.37  | 20    |
| Styrene                     | 1.153 | 1.208  |            | 4.77  | 20    |
| Bromoform                   | 0.270 | 0.301  | 0.1        | 11.48 | 20    |
| Isopropylbenzene            | 3.515 | 3.763  |            | 7.05  | 20    |
| 1,1,2,2-Tetrachloroethane   | 0.966 | 1.107  | 0.3        | 14.6  | 20    |
| 1,3-Dichlorobenzene         | 1.637 | 1.719  |            | 5.01  | 20    |
| 1,4-Dichlorobenzene         | 1.704 | 1.738  |            | 2     | 20    |
| 1,2-Dichlorobenzene         | 1.587 | 1.657  |            | 4.41  | 20    |
| 1,2-Dibromo-3-Chloropropane | 0.169 | 0.217  |            | 28.4  | 20    |
| 1,2,4-Trichlorobenzene      | 1.078 | 1.145  |            | 6.22  | 20    |
| 1,2,3-Trichlorobenzene      | 1.019 | 1.115  |            | 9.42  | 20    |
| 1,2-Dichloroethane-d4       | 0.661 | 0.674  |            | 1.97  | 20    |
| Dibromofluoromethane        | 0.339 | 0.336  |            | -0.88 | 20    |
| Toluene-d8                  | 1.197 | 1.136  |            | -5.1  | 20    |
| 4-Bromofluorobenzene        | 0.455 | 0.448  |            | -1.54 | 20    |

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