

## Report of Analysis

|                    |                    |                 |              |
|--------------------|--------------------|-----------------|--------------|
| Client:            | PSEG               | Date Collected: |              |
| Project:           | Paramus M&R        | Date Received:  |              |
| Client Sample ID:  | VX0130WBL01        | SDG No.:        | Q1214        |
| Lab Sample ID:     | VX0130WBL01        | Matrix:         | Water        |
| Analytical Method: | E624.1             | % Solid:        | 0            |
| Sample Wt/Vol:     | 5 Units: mL        | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  | uL                 | Test:           | VOCMS Group2 |
| GC Column:         | DB-624UI ID : 0.18 | Level :         | LOW          |
| Prep Method :      |                    |                 |              |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX044772.D        | 1         |           | 01/30/25 10:44 | VX013025      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| 74-87-3           | Chloromethane             | 5.00  | U         | 1.20     | 5.00       | ug/L    |
| 75-01-4           | Vinyl Chloride            | 5.00  | U         | 1.20     | 5.00       | ug/L    |
| 74-83-9           | Bromomethane              | 5.00  | U         | 1.40     | 5.00       | ug/L    |
| 75-00-3           | Chloroethane              | 5.00  | U         | 2.90     | 5.00       | ug/L    |
| 75-35-4           | 1,1-Dichloroethene        | 5.00  | U         | 1.10     | 5.00       | ug/L    |
| 107-02-8          | Acrolein                  | 25.0  | U         | 9.30     | 25.0       | ug/L    |
| 107-13-1          | Acrylonitrile             | 25.0  | U         | 3.70     | 25.0       | ug/L    |
| 75-09-2           | Methylene Chloride        | 5.00  | U         | 1.20     | 5.00       | ug/L    |
| 156-60-5          | trans-1,2-Dichloroethene  | 5.00  | U         | 0.95     | 5.00       | ug/L    |
| 75-34-3           | 1,1-Dichloroethane        | 5.00  | U         | 0.81     | 5.00       | ug/L    |
| 56-23-5           | Carbon Tetrachloride      | 5.00  | U         | 0.91     | 5.00       | ug/L    |
| 156-59-2          | cis-1,2-Dichloroethene    | 5.00  | U         | 0.90     | 5.00       | ug/L    |
| 67-66-3           | Chloroform                | 5.00  | U         | 0.72     | 5.00       | ug/L    |
| 71-55-6           | 1,1,1-Trichloroethane     | 5.00  | U         | 0.79     | 5.00       | ug/L    |
| 71-43-2           | Benzene                   | 5.00  | U         | 0.69     | 5.00       | ug/L    |
| 107-06-2          | 1,2-Dichloroethane        | 5.00  | U         | 0.75     | 5.00       | ug/L    |
| 79-01-6           | Trichloroethene           | 5.00  | U         | 0.77     | 5.00       | ug/L    |
| 75-27-4           | Bromodichloromethane      | 5.00  | U         | 0.81     | 5.00       | ug/L    |
| 108-88-3          | Toluene                   | 5.00  | U         | 0.72     | 5.00       | ug/L    |
| 10061-01-5        | cis-1,3-Dichloropropene   | 5.00  | U         | 0.83     | 5.00       | ug/L    |
| 79-00-5           | 1,1,2-Trichloroethane     | 5.00  | U         | 0.68     | 5.00       | ug/L    |
| 110-75-8          | 2-Chloroethyl vinyl ether | 25.0  | U         | 5.60     | 25.0       | ug/L    |
| 124-48-1          | Dibromochloromethane      | 5.00  | U         | 0.72     | 5.00       | ug/L    |
| 127-18-4          | Tetrachloroethene         | 5.00  | U         | 0.94     | 5.00       | ug/L    |
| 108-90-7          | Chlorobenzene             | 5.00  | U         | 0.67     | 5.00       | ug/L    |
| 100-41-4          | Ethyl Benzene             | 5.00  | U         | 0.73     | 5.00       | ug/L    |
| 75-25-2           | Bromoform                 | 5.00  | U         | 1.00     | 5.00       | ug/L    |
| 79-34-5           | 1,1,2,2-Tetrachloroethane | 5.00  | U         | 0.60     | 5.00       | ug/L    |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 17060-07-0        | 1,2-Dichloroethane-d4     | 28.3  |           | 91 - 110 | 94%        | SPK: 30 |
| 2037-26-5         | Toluene-d8                | 30.1  |           | 91 - 112 | 100%       | SPK: 30 |

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| Prep Method :      |                    |                 |              |

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| VX044772.D        | 1         |           | 01/30/25 10:44 | VX013025      |

| CAS Number                | Parameter            | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|---------------------------|----------------------|--------|-----------|----------|------------|---------|
| 460-00-4                  | 4-Bromofluorobenzene | 27.3   |           | 63 - 112 | 91%        | SPK: 30 |
| <b>INTERNAL STANDARDS</b> |                      |        |           |          |            |         |
| 74-97-5                   | Bromochloromethane   | 24500  | 4.891     |          |            |         |
| 540-36-3                  | 1,4-Difluorobenzene  | 137000 | 6.757     |          |            |         |
| 3114-55-4                 | Chlorobenzene-d5     | 123000 | 10.049    |          |            |         |

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