

## Report of Analysis

|                    |                                 |           |                 |              |    |
|--------------------|---------------------------------|-----------|-----------------|--------------|----|
| Client:            | Garden State Laboratories, Inc. |           | Date Collected: | 01/08/25     |    |
| Project:           | Waste Water 2025                |           | Date Received:  | 01/09/25     |    |
| Client Sample ID:  | 250108055-07-TRIP-BLANK         |           | SDG No.:        | Q1038        |    |
| Lab Sample ID:     | Q1038-02                        |           | Matrix:         | Water        |    |
| Analytical Method: | E624.1                          |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                               | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                 | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | RXI-624                         | ID : 0.25 | Level :         | LOW          |    |
| Prep Method :      |                                 |           |                 |              |    |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VN085422.D        | 1         |           | 01/10/25 12:56 | VN011025      |

| CAS Number                | Parameter             | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|---------------------------|-----------------------|--------|-----------|----------|------------|---------|
| <b>TARGETS</b>            |                       |        |           |          |            |         |
| 107-02-8                  | Acrolein              | 9.30   | U         | 9.30     | 25.0       | ug/L    |
| 107-13-1                  | Acrylonitrile         | 3.70   | U         | 3.70     | 25.0       | ug/L    |
| <b>SURROGATES</b>         |                       |        |           |          |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4 | 30.0   |           | 91 - 110 | 100%       | SPK: 30 |
| 2037-26-5                 | Toluene-d8            | 28.6   |           | 91 - 112 | 95%        | SPK: 30 |
| 460-00-4                  | 4-Bromofluorobenzene  | 24.4   |           | 63 - 112 | 81%        | SPK: 30 |
| <b>INTERNAL STANDARDS</b> |                       |        |           |          |            |         |
| 74-97-5                   | Bromochloromethane    | 38700  | 7.806     |          |            |         |
| 540-36-3                  | 1,4-Difluorobenzene   | 199000 | 9.1       |          |            |         |
| 3114-55-4                 | Chlorobenzene-d5      | 178000 | 11.865    |          |            |         |

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