

## Report of Analysis

Client: Garden State Laboratories, Inc.  
Project: Waste Water 2025  
Client Sample ID: VOA 251015085-01  
Lab Sample ID: Q3362-01  
Analytical Method: E624.1  
Sample Wt/Vol: 5 mL

Level : LOW  
Final Vol: 5000 uL

Date Collected: 10/15/25  
Date Received: 10/16/25  
SDG No.: Q3362  
Matrix: Water  
% Solid: 0  
Test: VOCMS Group1

| CAS Number                | Parameter             | Conc.             | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana.      | BatchID  |
|---------------------------|-----------------------|-------------------|------|----|----------|------------|---------|----------------|----------|
| <b>TARGETS</b>            |                       |                   |      |    |          |            |         |                |          |
| 107-02-8                  | Acrolein              | 6.60              | U    | 1  | 6.60     | 25.0       | ug/L    | 10/17/25 13:36 | VN101725 |
| 107-13-1                  | Acrylonitrile         | 2.80              | U    | 1  | 2.80     | 25.0       | ug/L    | 10/17/25 13:36 | VN101725 |
| <b>SURROGATES</b>         |                       |                   |      |    |          |            |         |                |          |
| 17060-07-0                | 1,2-Dichloroethane-d4 | 31.4              |      |    | 91 - 110 | 105%       | SPK: 30 |                |          |
| 2037-26-5                 | Toluene-d8            | 30.3              |      |    | 91 - 112 | 101%       | SPK: 30 |                |          |
| 460-00-4                  | 4-Bromofluorobenzene  | 29.0              |      |    | 63 - 112 | 97%        | SPK: 30 |                |          |
| <b>INTERNAL STANDARDS</b> |                       |                   |      |    |          |            |         |                |          |
|                           |                       | <b>Area Count</b> |      |    |          |            |         |                |          |
| 74-97-5                   | Bromochloromethane    | 60000             |      |    |          |            |         |                |          |
| 540-36-3                  | 1,4-Difluorobenzene   | 311000            |      |    |          |            |         |                |          |
| 3114-55-4                 | Chlorobenzene-d5      | 282000            |      |    |          |            |         |                |          |

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