

Report of Analysis

Client: Garden State Laboratories, Inc.

Project: Waste Water 2025

Client Sample ID: VN1017WBSD01

Lab Sample ID: VN1017WBSD01

Analytical Method: E624.1

Sample Wt/Vol: 5 mL

Level : LOW

Final Vol: 5000 uL

Date Collected:

Date Received:

SDG No.: Q3362

Matrix: Water

% Solid: 0

Test: VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
107-02-8	Acrolein	91.8		1	6.60	25.0	ug/L	10/17/25 10:36	VN101725
107-13-1	Acrylonitrile	90.6		1	2.80	25.0	ug/L	10/17/25 10:36	VN101725
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	31.5			91 - 110	105%	SPK: 30		
2037-26-5	Toluene-d8	30.6			91 - 112	102%	SPK: 30		
460-00-4	4-Bromofluorobenzene	29.9			63 - 112	100%	SPK: 30		
INTERNAL STANDARDS									
		Area Count							
74-97-5	Bromochloromethane	65400							
540-36-3	1,4-Difluorobenzene	360000							
3114-55-4	Chlorobenzene-d5	320000							

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