

Report of Analysis

Client: Garden State Laboratories, Inc.
Project: Waste Water 2025
Client Sample ID: VN1120WBSD01
Lab Sample ID: VN1120WBSD01
Analytical Method: E624.1
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3689
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	130		1	6.60	25.0	ug/L	11/20/25 10:22	VN112025
107-13-1	Acrylonitrile	97.9		1	2.80	25.0	ug/L	11/20/25 10:22	VN112025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	28.3			91 - 110	94%	SPK: 30		
2037-26-5	Toluene-d8	30.7			91 - 112	102%	SPK: 30		
460-00-4	4-Bromofluorobenzene	29.3			63 - 112	98%	SPK: 30		
INTERNAL STANDARDS									
		Area Count							
74-97-5	Bromochloromethane	57200							
540-36-3	1,4-Difluorobenzene	285000							
3114-55-4	Chlorobenzene-d5	262000							

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