

## Report of Analysis

Client:	Garden State Laboratories, Inc.		Date Collected:	
Project:	Waste Water 2025		Date Received:	
Client Sample ID:	VN0912WBS01		SDG No.:	Q3078
Lab Sample ID:	VN0912WBS01		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:	Date Analyzed	Prep Batch ID
VN087812.D	1	09/12/25 10:45	VN091225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
<b>TARGETS</b>						
107-02-8	Acrolein	99.6		6.60	25.0	ug/L
107-13-1	Acrylonitrile	89.7		2.80	25.0	ug/L
<b>SURROGATES</b>						
17060-07-0	1,2-Dichloroethane-d4	29.2		91 - 110	97%	SPK: 30
2037-26-5	Toluene-d8	30.1		91 - 112	100%	SPK: 30
460-00-4	4-Bromofluorobenzene	30.2		63 - 112	101%	SPK: 30
<b>INTERNAL STANDARDS</b>						
74-97-5	Bromochloromethane	57200	7.794			
540-36-3	1,4-Difluorobenzene	293000	9.083			
3114-55-4	Chlorobenzene-d5	271000	11.841			

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