

Report of Analysis

Client: Garden State Laboratories, Inc.
Project: Waste Water 2025
Client Sample ID: 251119025-03 Trip blank
Lab Sample ID: Q3689-02
Analytical Method: E624.1
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/19/25
Date Received: 11/20/25
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	6.60	U	1	6.60	25.0	ug/L	11/20/25 11:21	VN112025
107-13-1	Acrylonitrile	2.80	U	1	2.80	25.0	ug/L	11/20/25 11:21	VN112025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	28.0			91 - 110	93%	SPK: 30		
2037-26-5	Toluene-d8	29.3			91 - 112	98%	SPK: 30		
460-00-4	4-Bromofluorobenzene	23.6			63 - 112	79%	SPK: 30		
INTERNAL STANDARDS									
		Area Count							
74-97-5	Bromochloromethane	46600							
540-36-3	1,4-Difluorobenzene	225000							
3114-55-4	Chlorobenzene-d5	206000							

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