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Hit Summary Sheet

624.1

SDG No.: Q3689
Client: Garden State Laboratories, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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Client ID: 0

Total Voc :
Total Concentration:

A
B
C
D



SAMPLE DATA

A

B

C

D

Report of Analysis

Client: Garden State Laboratories, Inc.
Project: Waste Water 2025
Client Sample ID: 251119071-01 VOA
Lab Sample ID: Q3689-01
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 13:25	VN112025
107-13-1	Acrylonitrile	2.80	U	1	2.80	25.0	ug/L	11/20/25 13:25	VN112025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	33.2	*		91 - 110	111%	SPK: 30		
2037-26-5	Toluene-d8	31.2			91 - 112	104%	SPK: 30		
460-00-4	4-Bromofluorobenzene	27.5			63 - 112	92%	SPK: 30		
INTERNAL STANDARDS									
		Area Count							
74-97-5	Bromochloromethane	27600							
540-36-3	1,4-Difluorobenzene	217000							
3114-55-4	Chlorobenzene-d5	176000							

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

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

LAB CHRONICLE

OrderID:	Q3689	OrderDate:	11/20/2025 9:02:00 AM
Client:	Garden State Laboratories, Inc.	Project:	Waste Water 2025
Contact:	Sharon Ercoliani	Location:	VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3689-01	251119071-01 VOA	Water	VOCMS Group1	624.1	11/19/25		11/20/25	11/20/25
Q3689-02	251119025-03 Trip blank	Water	VOCMS Group1	624.1	11/19/25		11/20/25	11/20/25