

Report of Analysis

Client:	Garden State Laboratories, Inc.		Date Collected:	09/10/25	
Project:	Waste Water 2025		Date Received:	09/11/25	
Client Sample ID:	250910074-01-VOA		SDG No.:	Q3078	
Lab Sample ID:	Q3078-01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group2	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087797.D	1	09/11/25 15:03	VN091125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	UQ	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	UQ	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1100	E	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	2.70		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	1.70		0.16	1.00	ug/L
79-20-9	Methyl Acetate	2.40		0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	1300	E	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	UQ	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	UQ	0.16	1.00	ug/L
71-43-2	Benzene	3.30	Q	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	UQ	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	13.4		0.68	5.00	ug/L
108-88-3	Toluene	7.30		0.14	1.00	ug/L

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VN087797.D	1	09/11/25 15:03	VN091125

[illegible]

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000074-93-1	Methanethiol	23.7	J		2.86	ug/L
60-29-7	Diethyl Ether	6.20	J		3.96	ug/L
75-65-0	Tert butyl alcohol	4500	J		5.52	ug/L
109-99-9	Tetrahydrofuran	420	J		7.82	ug/L
000513-53-1	2-Butanethiol	85.0	J		8.65	ug/L
000107-87-9	2-Pentanone	8.70	J		9.51	ug/L
123-91-1	1,4-Dioxane	76.6	J		9.68	ug/L
000565-80-0	3-Pentanone, 2,4-dimethyl-	10.3	J		11.2	ug/L
95-63-6	1,2,4-Trimethylbenzene	2.40	J		13.5	ug/L
99-87-6	p-Isopropyltoluene	2.30	J		13.7	ug/L
001195-79-5	Fenchone	52.7	J		14.7	ug/L
000464-49-3	(+)-2-Bornanone	78.9	J		15.3	ug/L
006004-60-0	unknown15.353	18.1	J		15.4	ug/L
91-20-3	Naphthalene	20.7	J		15.6	ug/L
015358-88-0	Bicyclo[3.1.1]heptan-3-one, 2,6,6-	6.70	J		16.0	ug/L

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