

Report of Analysis

Client:	Garden State Laboratories, Inc.		Date Collected:	10/30/24	
Project:	Waste Water 2024		Date Received:	10/31/24	
Client Sample ID:	241030069-01-VOA		SDG No.:	P4646	
Lab Sample ID:	P4646-01		Matrix:	Water	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group2	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX043649.D	1		10/31/24 14:27	VX103124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	1.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	0.42	J	0.34	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	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	0.26	U	0.26	1.00	ug/L
67-64-1	Acetone	340		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.57	J	0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	3.40		0.16	1.00	ug/L
79-20-9	Methyl Acetate	1.10		0.60	1.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	290		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	1.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	1.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	1.00	ug/L
71-43-2	Benzene	4.80		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	1.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	4.20	J	0.75	5.00	ug/L
108-88-3	Toluene	3.00		0.18	1.00	ug/L

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000115-10-6	Dimethyl ether	25.8	J		1.25	ug/L
60-29-7	Diethyl Ether	2.90	J		2.14	ug/L
000075-65-0	2-Propanol, 2-methyl-	460	J		3.00	ug/L
109-99-9	Tetrahydrofuran	610	J		5.01	ug/L
123-91-1	1,4-Dioxane	130	J		7.68	ug/L
103-65-1	n-propylbenzene	0.55	J		11.3	ug/L
95-49-8	2-Chlorotoluene	0.58	J		11.4	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.93	J		11.5	ug/L
95-63-6	1,2,4-Trimethylbenzene	3.80	J		11.8	ug/L
99-87-6	p-Isopropyltoluene	1.30	J		12.0	ug/L
007787-20-4	L-Fenchone	94.4	J		12.9	ug/L
	unknown13.475	23.6	J		13.5	ug/L
000464-49-3	(+)-2-Bornanone	130	J		13.5	ug/L
002216-52-6	Cyclohexanol, 5-methyl-2-(1-methyl	30.8	J		13.6	ug/L
91-20-3	Naphthalene	39.2	J		13.8	ug/L
	unknown13.932	10.0	J		13.9	ug/L
	unknown14.097	21.4	J		14.1	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