Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Garden State Laboratories, Inc.	Date Collected:	11/19/25
Project:	Waste Water 2025	Date Received:	11/20/25
Client Sample ID:	251119071-01 VOADL	SDG No.:	Q3689
Lab Sample ID:	Q3689-01DL	Matrix:	Water
Analytical Method:	8260D	Level: LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOCMS Group2

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	4.40	UD	20	4.40	20.0	ug/L	11/20/25 14:55	VX112025
74-87-3	Chloromethane	6.40	UD	20	6.40	20.0	ug/L	11/20/25 14:55	VX112025
75-01-4	Vinyl Chloride	5.20	UD	20	5.20	20.0	ug/L	11/20/25 14:55	VX112025
74-83-9	Bromomethane	28.8	UDQ	20	28.8	100	ug/L	11/20/25 14:55	VX112025
75-00-3	Chloroethane	9.40	UD	20	9.40	20.0	ug/L	11/20/25 14:55	VX112025
75-69-4	Trichlorofluoromethane	6.60	UD	20	6.60	20.0	ug/L	11/20/25 14:55	VX112025
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	UDQ	20	5.00	20.0	ug/L	11/20/25 14:55	VX112025
75-35-4	1,1-Dichloroethene	4.60	UDQ	20	4.60	20.0	ug/L	11/20/25 14:55	VX112025
67-64-1	Acetone	910	D	20	30.2	100	ug/L	11/20/25 14:55	VX112025
75-15-0	Carbon Disulfide	4.20	UD	20	4.20	20.0	ug/L	11/20/25 14:55	VX112025
1634-04-4	Methyl tert-butyl Ether	3.20	UD	20	3.20	20.0	ug/L	11/20/25 14:55	VX112025
79-20-9	Methyl Acetate	5.40	UD	20	5.40	20.0	ug/L	11/20/25 14:55	VX112025
75-09-2	Methylene Chloride	5.60	UD	20	5.60	20.0	ug/L	11/20/25 14:55	VX112025
156-60-5	trans-1,2-Dichloroethene	4.60	UD	20	4.60	20.0	ug/L	11/20/25 14:55	VX112025
75-34-3	1,1-Dichloroethane	4.60	UD	20	4.60	20.0	ug/L	11/20/25 14:55	VX112025
110-82-7	Cyclohexane	29.0	UD	20	29.0	100	ug/L	11/20/25 14:55	VX112025
78-93-3	2-Butanone	19.6	UD	20	19.6	100	ug/L	11/20/25 14:55	VX112025
56-23-5	Carbon Tetrachloride	5.00	UD	20	5.00	20.0	ug/L	11/20/25 14:55	VX112025
156-59-2	cis-1,2-Dichloroethene	3.80	UD	20	3.80	20.0	ug/L	11/20/25 14:55	VX112025
74-97-5	Bromochloromethane	4.40	UD	20	4.40	20.0	ug/L	11/20/25 14:55	VX112025
67-66-3	Chloroform	5.00	UD	20	5.00	20.0	ug/L	11/20/25 14:55	VX112025
71-55-6	1,1,1-Trichloroethane	4.00	UDQ	20	4.00	20.0	ug/L	11/20/25 14:55	VX112025
108-87-2	Methylcyclohexane	3.20	UD	20	3.20	20.0	ug/L	11/20/25 14:55	VX112025
71-43-2	Benzene	4.80	JD	20	3.00	20.0	ug/L	11/20/25 14:55	VX112025
107-06-2	1,2-Dichloroethane	4.40	UD	20	4.40	20.0	ug/L	11/20/25 14:55	VX112025
79-01-6	Trichloroethene	1.90	UD	20	1.90	20.0	ug/L	11/20/25 14:55	VX112025
78-87-5	1,2-Dichloropropane	4.00	UDQ	20	4.00	20.0	ug/L	11/20/25 14:55	VX112025
75-27-4	Bromodichloromethane	4.40	UDQ	20	4.40	20.0	ug/L	11/20/25 14:55	VX112025
108-10-1	4-Methyl-2-Pentanone	14.1	JDQ	20	13.6	100	ug/L	11/20/25 14:55	VX112025
108-88-3	Toluene	23.7	DQ	20	2.80	20.0	ug/L	11/20/25 14:55	VX112025
10061-02-6	t-1,3-Dichloropropene	3.40	UDQ	20	3.40	20.0	ug/L	11/20/25 14:55	VX112025
10061-01-5	cis-1,3-Dichloropropene	3.20	UDQ	20	3.20	20.0	ug/L	11/20/25 14:55	VX112025
79-00-5	1,1,2-Trichloroethane	4.20	UDQ	20	4.20	20.0	ug/L	11/20/25 14:55	VX112025
591-78-6	2-Hexanone	17.8	UDQ	20	17.8	100	ug/L	11/20/25 14:55	VX112025
124-48-1	Dibromochloromethane	3.60	UDQ	20	3.60	20.0	ug/L	11/20/25 14:55	VX112025
106-93-4	1,2-Dibromoethane	3.00	UDQ	20	3.00	20.0	ug/L	11/20/25 14:55	VX112025
127-18-4	Tetrachloroethene	4.60	UD	20	4.60	20.0	ug/L	11/20/25 14:55	VX112025
108-90-7	Chlorobenzene	2.40	UD	20	2.40	20.0	ug/L	11/20/25 14:55	VX112025
100-41-4	Ethyl Benzene	8.70	JD	20	2.60	20.0	ug/L	11/20/25 14:55	VX112025
179601-23-1	m/p-Xylenes	9.70	JD	20	4.80	40.0	ug/L	11/20/25 14:55	VX112025
95-47-6	o-Xylene	5.40	JD	20	2.40	20.0	ug/L	11/20/25 14:55	VX112025
100-42-5	Styrene	3.00	UD	20	3.00	20.0	ug/L	11/20/25 14:55	VX112025
75-25-2	Bromoform	3.80	UD	20	3.80	20.0	ug/L	11/20/25 14:55	VX112025

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Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOCMS Group2

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	2.40	UDQ	20	2.40	20.0	ug/L	11/20/25 14:55	VX112025
79-34-5	1,1,2,2-Tetrachloroethane	5.20	UD	20	5.20	20.0	ug/L	11/20/25 14:55	VX112025
541-73-1	1,3-Dichlorobenzene	3.20	UD	20	3.20	20.0	ug/L	11/20/25 14:55	VX112025
106-46-7	1,4-Dichlorobenzene	3.80	UD	20	3.80	20.0	ug/L	11/20/25 14:55	VX112025
95-50-1	1,2-Dichlorobenzene	3.20	UD	20	3.20	20.0	ug/L	11/20/25 14:55	VX112025
96-12-8	1,2-Dibromo-3-Chloropropane	10.6	UD	20	10.6	20.0	ug/L	11/20/25 14:55	VX112025
120-82-1	1,2,4-Trichlorobenzene	4.00	UD	20	4.00	20.0	ug/L	11/20/25 14:55	VX112025
87-61-6	1,2,3-Trichlorobenzene	4.00	UD	20	4.00	20.0	ug/L	11/20/25 14:55	VX112025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	57.6			74 - 125	115%	SPK: 50		
1868-53-7	Dibromofluoromethane	43.8			75 - 124	88%	SPK: 50		
2037-26-5	Toluene-d8	50.8			86 - 113	102%	SPK: 50		
460-00-4	4-Bromofluorobenzene	60.3			77 - 121	121%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	151000							
540-36-3	1,4-Difluorobenzene	295000							
3114-55-4	Chlorobenzene-d5	326000							
3855-82-1	1,4-Dichlorobenzene-d4	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