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:	10/15/25
Project:	Waste Water 2025	Date Received:	10/16/25
Client Sample ID:	VOA 251015111-01	SDG No.:	Q3361
Lab Sample ID:	Q3361-01	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	0.22	U	1	0.22	1.00	ug/L	10/17/25 18:37	VX101725
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	10/17/25 18:37	VX101725
75-01-4	Vinyl Chloride	0.37	J	1	0.26	1.00	ug/L	10/17/25 18:37	VX101725
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	10/17/25 18:37	VX101725
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	10/17/25 18:37	VX101725
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	10/17/25 18:37	VX101725
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	10/17/25 18:37	VX101725
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	10/17/25 18:37	VX101725
67-64-1	Acetone	1700	E	1	1.50	5.00	ug/L	10/17/25 18:37	VX101725
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	10/17/25 18:37	VX101725
1634-04-4	Methyl tert-butyl Ether	2.70		1	0.16	1.00	ug/L	10/17/25 18:37	VX101725
79-20-9	Methyl Acetate	8.10		1	0.27	1.00	ug/L	10/17/25 18:37	VX101725
75-09-2	Methylene Chloride	1.60		1	0.28	1.00	ug/L	10/17/25 18:37	VX101725
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	10/17/25 18:37	VX101725
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	10/17/25 18:37	VX101725
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	10/17/25 18:37	VX101725
78-93-3	2-Butanone	2400	E	1	0.98	5.00	ug/L	10/17/25 18:37	VX101725
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	10/17/25 18:37	VX101725
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	10/17/25 18:37	VX101725
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	10/17/25 18:37	VX101725
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	10/17/25 18:37	VX101725
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	10/17/25 18:37	VX101725
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	10/17/25 18:37	VX101725
71-43-2	Benzene	5.70		1	0.15	1.00	ug/L	10/17/25 18:37	VX101725
107-06-2	1,2-Dichloroethane	2.00		1	0.22	1.00	ug/L	10/17/25 18:37	VX101725
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	10/17/25 18:37	VX101725
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	10/17/25 18:37	VX101725
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	10/17/25 18:37	VX101725
108-10-1	4-Methyl-2-Pentanone	13.6		1	0.68	5.00	ug/L	10/17/25 18:37	VX101725
108-88-3	Toluene	19.8		1	0.14	1.00	ug/L	10/17/25 18:37	VX101725
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	10/17/25 18:37	VX101725
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	10/17/25 18:37	VX101725
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	10/17/25 18:37	VX101725
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	10/17/25 18:37	VX101725
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	10/17/25 18:37	VX101725
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	10/17/25 18:37	VX101725
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	10/17/25 18:37	VX101725
108-90-7	Chlorobenzene	2.10		1	0.12	1.00	ug/L	10/17/25 18:37	VX101725
100-41-4	Ethyl Benzene	12.0		1	0.13	1.00	ug/L	10/17/25 18:37	VX101725
179601-23-1	m/p-Xylenes	11.9		1	0.24	2.00	ug/L	10/17/25 18:37	VX101725
95-47-6	o-Xylene	6.90		1	0.12	1.00	ug/L	10/17/25 18:37	VX101725
100-42-5	Styrene	0.99	J	1	0.15	1.00	ug/L	10/17/25 18:37	VX101725
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	10/17/25 18:37	VX101725

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Project:	Waste Water 2025	Date Received:	10/16/25
Client Sample ID:	VOA 251015111-01	SDG No.:	Q3361
Lab Sample ID:	Q3361-01	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
98-82-8	Isopropylbenzene	1.70		1	0.12	1.00	ug/L	10/17/25 18:37	VX101725
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	10/17/25 18:37	VX101725
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	10/17/25 18:37	VX101725
106-46-7	1,4-Dichlorobenzene	3.40		1	0.19	1.00	ug/L	10/17/25 18:37	VX101725
95-50-1	1,2-Dichlorobenzene	0.27	J	1	0.16	1.00	ug/L	10/17/25 18:37	VX101725
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	10/17/25 18:37	VX101725
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	10/17/25 18:37	VX101725
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	10/17/25 18:37	VX101725
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	50.0			74 - 125	100%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.0			75 - 124	100%	SPK: 50		
2037-26-5	Toluene-d8	48.0			86 - 113	96%	SPK: 50		
460-00-4	4-Bromofluorobenzene	58.8			77 - 121	118%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	77400							
540-36-3	1,4-Difluorobenzene	149000							
3114-55-4	Chlorobenzene-d5	160000							
3855-82-1	1,4-Dichlorobenzene-d4	85700							
TENTATIVE IDENTIFIED COMPOUNDS									
60-29-7	Diethyl Ether	6.10	J			2.14	ug/L		
75-65-0	Tert butyl alcohol	7600	J			2.93	ug/L		
141-78-6	Ethyl Acetate	24.5	J			4.70	ug/L		
109-99-9	Tetrahydrofuran	800	J			4.98	ug/L		
108-21-4	Isopropyl Acetate	2.70	J			6.33	ug/L		
007379-12-6	3-Hexanone, 2-methyl-	14.7	J			9.36	ug/L		
103-65-1	n-propylbenzene	0.54	J			11.3	ug/L		
108-67-8	1,3,5-Trimethylbenzene	1.00	J			11.4	ug/L		
95-63-6	1,2,4-Trimethylbenzene	4.00	J			11.7	ug/L		
99-87-6	p-Isopropyltoluene	9.70	J			12.0	ug/L		
000470-82-6	Eucalyptol	11.0	J			12.1	ug/L		
001195-79-5	Fenchone	33.5	J			12.9	ug/L		
000464-49-3	(+)-2-Bornanone	56.2	J			13.5	ug/L		
003983-03-7	Cyclohexene,1-(2-methylpropyl)-	29.6	J			13.6	ug/L		
91-20-3	Naphthalene	33.0	J			13.8	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