

Hit Summary Sheet

8260-Low

SDG No.: Q2554

Client: Garden State Laboratories, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID: 250709071-01 VOA								
Q2554-01	250709071-01 VOA Water	Acetone		1100	E	1.50	5.00	ug/L
Q2554-01	250709071-01 VOA Water	Methyl tert-butyl Ether		2.00		0.16	1.00	ug/L
Q2554-01	250709071-01 VOA Water	Methyl Acetate		2.80		0.27	1.00	ug/L
Q2554-01	250709071-01 VOA Water	Methylene Chloride		0.73	J	0.28	1.00	ug/L
Q2554-01	250709071-01 VOA Water	2-Butanone		1300	E	0.98	5.00	ug/L
Q2554-01	250709071-01 VOA Water	Benzene		4.30		0.15	1.00	ug/L
Q2554-01	250709071-01 VOA Water	4-Methyl-2-Pentanone		8.90	Q	0.68	5.00	ug/L
Q2554-01	250709071-01 VOA Water	Toluene		6.70		0.14	1.00	ug/L
Q2554-01	250709071-01 VOA Water	Chlorobenzene		1.30		0.12	1.00	ug/L
Q2554-01	250709071-01 VOA Water	Ethyl Benzene		7.40		0.13	1.00	ug/L
Q2554-01	250709071-01 VOA Water	m/p-Xylenes		7.80		0.24	2.00	ug/L
Q2554-01	250709071-01 VOA Water	o-Xylene		4.70		0.12	1.00	ug/L
Q2554-01	250709071-01 VOA Water	Isopropylbenzene		1.50		0.12	1.00	ug/L
Q2554-01	250709071-01 VOA Water	1,4-Dichlorobenzene		3.50		0.19	1.00	ug/L
		Total Voc :		2450				
Q2554-01	250709071-01 VOA Water	Methanethiol	*	14.6	J	0	0	ug/L
Q2554-01	250709071-01 VOA Water	1-Hexanol, 2-ethyl-	*	8.10	J	0	0	ug/L
Q2554-01	250709071-01 VOA Water	Dimethyl ether	*	25.5	J	0	0	ug/L
Q2554-01	250709071-01 VOA Water	(+)-2-Bornanone	*	34.9	J	0	0	ug/L
Q2554-01	250709071-01 VOA Water	Eucalyptol	*	6.40	J	0	0	ug/L
Q2554-01	250709071-01 VOA Water	Fenchone	*	21.9	J	0	0	ug/L
Q2554-01	250709071-01 VOA Water	Cyclohexene,1-(2-methylpropy	*	20.1	J	0	0	ug/L
Q2554-01	250709071-01 VOA Water	3-Hexanone, 2-methyl-	*	7.90	J	0	0	ug/L
Q2554-01	250709071-01 VOA Water	Tetrahydrofuran	*	490	J	0.99	5.00	ug/L
Q2554-01	250709071-01 VOA Water	Tert butyl alcohol	*	4000	J	5.50	25.0	ug/L
Q2554-01	250709071-01 VOA Water	Diethyl Ether	*	4.90	J	0.31	1.00	ug/L
Q2554-01	250709071-01 VOA Water	Isopropyl Alcohol	*	26.9	J	0	0	ug/L
Q2554-01	250709071-01 VOA Water	n-propylbenzene	*	0.62	J	0.13	1.00	ug/L
Q2554-01	250709071-01 VOA Water	1,3,5-Trimethylbenzene	*	0.71	J	0.15	1.00	ug/L
Q2554-01	250709071-01 VOA Water	1,2,4-Trimethylbenzene	*	3.10	J	0.14	1.00	ug/L
Q2554-01	250709071-01 VOA Water	p-Isopropyltoluene	*	4.30	J	0.13	1.00	ug/L
Q2554-01	250709071-01 VOA Water	Naphthalene	*	36.1	J	0.20	1.00	ug/L
Q2554-01	250709071-01 VOA Water	1,4-Dioxane	*	88.0	J	6.90	100	ug/L
Q2554-01	250709071-01 VOA Water	Methyl methacrylate	*	1.20	J	0.28	1.00	ug/L
		Total Tics :		4800				
		Total Concentration:		7250				



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Garden State Laboratories, Inc.		Date Collected:	07/09/25	
Project:	Waste Water 2025		Date Received:	07/10/25	
Client Sample ID:	250709071-01 VOA		SDG No.:	Q2554	
Lab Sample ID:	Q2554-01		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:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046951.D	1	07/10/25 17:34	VX071025

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	U	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	U	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	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	2.00		0.16	1.00	ug/L
79-20-9	Methyl Acetate	2.80		0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.73	J	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	U	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	U	0.16	1.00	ug/L
71-43-2	Benzene	4.30		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	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	8.90	Q	0.68	5.00	ug/L
108-88-3	Toluene	6.70		0.14	1.00	ug/L

Report of Analysis

Client:	Garden State Laboratories, Inc.			Date Collected:	07/09/25	
Project:	Waste Water 2025			Date Received:	07/10/25	
Client Sample ID:	250709071-01 VOA			SDG No.:	Q2554	
Lab Sample ID:	Q2554-01			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:	DB-624UI	ID :	0.18	Level :	LOW	
Prep Method :						

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046951.D	1	07/10/25 17:34	VX071025

[illegible]

Report of Analysis

Client:	Garden State Laboratories, Inc.		Date Collected:	07/09/25	
Project:	Waste Water 2025		Date Received:	07/10/25	
Client Sample ID:	250709071-01 VOA		SDG No.:	Q2554	
Lab Sample ID:	Q2554-01		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:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046951.D	1	07/10/25 17:34	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000115-10-6	Dimethyl ether	25.5	J		1.27	ug/L
000074-93-1	Methanethiol	14.6	J		1.57	ug/L
60-29-7	Diethyl Ether	4.90	J		2.15	ug/L
67-63-0	Isopropyl Alcohol	26.9	J		2.53	ug/L
75-65-0	Tert butyl alcohol	4000	J		2.95	ug/L
109-99-9	Tetrahydrofuran	490	J		5.01	ug/L
123-91-1	1,4-Dioxane	88.0	J		7.67	ug/L
80-62-6	Methyl methacrylate	1.20	J		7.71	ug/L
007379-12-6	3-Hexanone, 2-methyl-	7.90	J		9.38	ug/L
103-65-1	n-propylbenzene	0.62	J		11.3	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.71	J		11.5	ug/L
95-63-6	1,2,4-Trimethylbenzene	3.10	J		11.8	ug/L
99-87-6	p-Isopropyltoluene	4.30	J		12.0	ug/L
000470-82-6	Eucalyptol	6.40	J		12.1	ug/L
000104-76-7	1-Hexanol, 2-ethyl-	8.10	J		12.2	ug/L
001195-79-5	Fenchone	21.9	J		12.9	ug/L
000464-49-3	(+)-2-Bornanone	34.9	J		13.5	ug/L
003983-03-7	Cyclohexene,1-(2-methylpropyl)-	20.1	J		13.6	ug/L
91-20-3	Naphthalene	36.1	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

Report of Analysis

Client:	Garden State Laboratories, Inc.		Date Collected:	07/09/25	
Project:	Waste Water 2025		Date Received:	07/10/25	
Client Sample ID:	250709059-10 Trip blank		SDG No.:	Q2554	
Lab Sample ID:	Q2554-02		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:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046941.D	1	07/10/25 14:00	VX071025

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	U	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	U	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	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	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	0.98	U	0.98	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	0.19	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	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	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	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	UQ	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L

Report of Analysis

Client:	Garden State Laboratories, Inc.		Date Collected:	07/09/25	
Project:	Waste Water 2025		Date Received:	07/10/25	
Client Sample ID:	250709059-10 Trip blank		SDG No.:	Q2554	
Lab Sample ID:	Q2554-02		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:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046941.D	1	07/10/25 14:00	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.8		74 - 125	108%	SPK: 50
1868-53-7	Dibromofluoromethane	49.4		75 - 124	99%	SPK: 50
2037-26-5	Toluene-d8	50.6		86 - 113	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.7		77 - 121	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	337000	5.568			
540-36-3	1,4-Difluorobenzene	597000	6.769			
3114-55-4	Chlorobenzene-d5	560000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	279000	12.018			

Report of Analysis

Client:	Garden State Laboratories, Inc.		Date Collected:	07/09/25	
Project:	Waste Water 2025		Date Received:	07/10/25	
Client Sample ID:	250709059-10 Trip blank		SDG No.:	Q2554	
Lab Sample ID:	Q2554-02		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:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046941.D	1	07/10/25 14:00	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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:	Q2554	OrderDate:	7/10/2025 9:19:00 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
Q2554-01	250709071-01 VOA	Water	VOCMS Group1	624.1	07/09/25		07/10/25	07/10/25
			VOCMS Group2	8260-Low			07/10/25	
Q2554-01RE	250709071-01 VOARE	Water	VOCMS Group1	624.1	07/09/25		07/10/25	07/10/25
Q2554-02	250709059-10 Trip blank	Water	VOCMS Group1	624.1	07/09/25		07/10/25	07/10/25
			VOCMS Group2	8260-Low			07/10/25	