



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet

624.1

SDG No.: P4646
Client: Garden State Laboratories, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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Client ID: 0

Total Voc :
Total Concentration:

A
B
C
D



SAMPLE DATA

A

B

C

D

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:	E624.1		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN084624.D	1		10/31/24 17:25	VN103124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
107-02-8	Acrolein	9.30	U	9.30	25.0	ug/L
107-13-1	Acrylonitrile	3.70	U	3.70	25.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	29.3		91 - 110	98%	SPK: 30
2037-26-5	Toluene-d8	27.9		91 - 112	93%	SPK: 30
460-00-4	4-Bromofluorobenzene	27.8		63 - 112	93%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	30800	7.812			
540-36-3	1,4-Difluorobenzene	161000	9.1			
3114-55-4	Chlorobenzene-d5	150000	11.865			

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:	10/30/24	
Project:	Waste Water 2024		Date Received:	10/31/24	
Client Sample ID:	241030043-05-TRIP-BLANK		SDG No.:	P4646	
Lab Sample ID:	P4646-02		Matrix:	Water	
Analytical Method:	E624.1		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN084623.D	1		10/31/24 17:01	VN103124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
107-02-8	Acrolein	9.30	U	9.30	25.0	ug/L
107-13-1	Acrylonitrile	3.70	U	3.70	25.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	29.7		91 - 110	99%	SPK: 30
2037-26-5	Toluene-d8	28.0		91 - 112	93%	SPK: 30
460-00-4	4-Bromofluorobenzene	25.1		63 - 112	84%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	30500	7.806			
540-36-3	1,4-Difluorobenzene	161000	9.1			
3114-55-4	Chlorobenzene-d5	142000	11.865			

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

LAB CHRONICLE

OrderID:	P4646	OrderDate:	10/31/2024 10:57:00 AM
Client:	Garden State Laboratories, Inc.	Project:	Waste Water 2024
Contact:	Sharon Ercoliani	Location:	VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4646-01	241030069-01-VOA	Water	VOCMS Group1	624.1	10/30/24		10/31/24	10/31/24
P4646-02	241030043-05-TRIP-BLANK	Water	VOCMS Group1	624.1	10/30/24		10/31/24	10/31/24