

## Report of Analysis

Client:	Garden State Laboratories, Inc.		Date Collected:	
Project:	Waste Water 2024		Date Received:	
Client Sample ID:	VN1025WBS01		SDG No.:	P4528
Lab Sample ID:	VN1025WBS01		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
VN084505.D	1		10/25/24 10:40	VN102524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
<b>TARGETS</b>						
107-02-8	Acrolein	99.2		9.30	25.0	ug/L
107-13-1	Acrylonitrile	89.2		3.70	25.0	ug/L
<b>SURROGATES</b>						
17060-07-0	1,2-Dichloroethane-d4	30.3		91 - 110	101%	SPK: 30
2037-26-5	Toluene-d8	29.9		91 - 112	100%	SPK: 30
460-00-4	4-Bromofluorobenzene	30.6		63 - 112	102%	SPK: 30
<b>INTERNAL STANDARDS</b>						
74-97-5	Bromochloromethane	35000	7.812			
540-36-3	1,4-Difluorobenzene	196000	9.1			
3114-55-4	Chlorobenzene-d5	178000	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