

Report of Analysis

Client:	PSEG	Date Collected:	07/03/25
Project:	Aubudon Gas District	Date Received:	07/03/25
Client Sample ID:	AUD-25-0110-0111	SDG No.:	Q2509
Lab Sample ID:	Q2509-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046889.D	50	07/03/25 15:40	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	50.0	U	11.0	50.0	ug/L
74-87-3	Chloromethane	50.0	U	16.0	50.0	ug/L
75-01-4	Vinyl Chloride	50.0	U	13.0	50.0	ug/L
74-83-9	Bromomethane	250	U	72.0	250	ug/L
75-00-3	Chloroethane	50.0	U	23.5	50.0	ug/L
75-69-4	Trichlorofluoromethane	50.0	U	16.5	50.0	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	50.0	U	12.5	50.0	ug/L
75-35-4	1,1-Dichloroethene	50.0	U	11.5	50.0	ug/L
67-64-1	Acetone	110	J	75.5	250	ug/L
75-15-0	Carbon Disulfide	50.0	U	10.5	50.0	ug/L
1634-04-4	Methyl tert-butyl Ether	50.0	U	8.00	50.0	ug/L
79-20-9	Methyl Acetate	50.0	U	13.5	50.0	ug/L
75-09-2	Methylene Chloride	50.0	U	14.0	50.0	ug/L
156-60-5	trans-1,2-Dichloroethene	50.0	U	11.5	50.0	ug/L
75-34-3	1,1-Dichloroethane	50.0	U	11.5	50.0	ug/L
110-82-7	Cyclohexane	250	U	72.5	250	ug/L
78-93-3	2-Butanone	250	U	49.0	250	ug/L
56-23-5	Carbon Tetrachloride	50.0	U	12.5	50.0	ug/L
156-59-2	cis-1,2-Dichloroethene	50.0	U	9.50	50.0	ug/L
74-97-5	Bromochloromethane	50.0	U	11.0	50.0	ug/L
67-66-3	Chloroform	50.0	U	12.5	50.0	ug/L
71-55-6	1,1,1-Trichloroethane	50.0	U	10.0	50.0	ug/L
108-87-2	Methylcyclohexane	50.0	U	8.00	50.0	ug/L
71-43-2	Benzene	380		7.50	50.0	ug/L
107-06-2	1,2-Dichloroethane	50.0	U	11.0	50.0	ug/L
79-01-6	Trichloroethene	50.0	U	4.70	50.0	ug/L
78-87-5	1,2-Dichloropropane	50.0	U	10.0	50.0	ug/L
75-27-4	Bromodichloromethane	50.0	U	11.0	50.0	ug/L
108-10-1	4-Methyl-2-Pentanone	250	U	34.0	250	ug/L
108-88-3	Toluene	240		7.00	50.0	ug/L

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Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW
		Final Vol:	5000
		Test:	VOC-TCLVOA-10

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	11.9	J		11.5	ug/L
95-63-6	1,2,4-Trimethylbenzene	20.4	J		11.8	ug/L
91-20-3	Naphthalene	110	J		13.8	ug/L
000629-59-4	Tetradecane	520	J		14.8	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