

Report of Analysis

Client:	PSEG	Date Collected:	12/10/24
Project:	Central Gas Plant	Date Received:	12/10/24
Client Sample ID:	1127-COMP	SDG No.:	P5243
Lab Sample ID:	P5243-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044211.D	100		12/10/24 16:23	VX121024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	500	U	21.0	500	ug/L
74-87-3	Chloromethane	500	U	35.0	500	ug/L
75-01-4	Vinyl Chloride	500	U	34.0	500	ug/L
74-83-9	Bromomethane	500	U	140	500	ug/L
75-00-3	Chloroethane	500	U	56.0	500	ug/L
75-69-4	Trichlorofluoromethane	500	U	34.0	500	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	500	U	25.0	500	ug/L
75-35-4	1,1-Dichloroethene	500	U	26.0	500	ug/L
67-64-1	Acetone	2500	U	140	2500	ug/L
75-15-0	Carbon Disulfide	62.9	J	32.0	500	ug/L
1634-04-4	Methyl tert-butyl Ether	500	U	16.0	500	ug/L
79-20-9	Methyl Acetate	500	U	60.0	500	ug/L
75-09-2	Methylene Chloride	500	U	32.0	500	ug/L
156-60-5	trans-1,2-Dichloroethene	500	U	25.0	500	ug/L
75-34-3	1,1-Dichloroethane	500	U	23.0	500	ug/L
110-82-7	Cyclohexane	410	J	160	500	ug/L
78-93-3	2-Butanone	2500	U	130	2500	ug/L
56-23-5	Carbon Tetrachloride	500	U	25.0	500	ug/L
156-59-2	cis-1,2-Dichloroethene	500	U	25.0	500	ug/L
74-97-5	Bromochloromethane	500	U	18.0	500	ug/L
67-66-3	Chloroform	500	U	26.0	500	ug/L
71-55-6	1,1,1-Trichloroethane	500	U	19.0	500	ug/L
108-87-2	Methylcyclohexane	580		19.0	500	ug/L
71-43-2	Benzene	2000		16.0	500	ug/L
107-06-2	1,2-Dichloroethane	500	UQ	24.0	500	ug/L
79-01-6	Trichloroethene	500	U	32.0	500	ug/L
78-87-5	1,2-Dichloropropane	500	U	19.0	500	ug/L
75-27-4	Bromodichloromethane	500	U	24.0	500	ug/L
108-10-1	4-Methyl-2-Pentanone	2500	UQ	75.0	2500	ug/L
108-88-3	Toluene	2300	Q	18.0	500	ug/L

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000074-98-6	Propane	2400	J		1.14	ug/L
000106-97-8	Butane	1200	J		1.37	ug/L
000078-78-4	Butane, 2-methyl-	1100	J		1.70	ug/L
103-65-1	n-propylbenzene	80.2	J		11.3	ug/L
108-67-8	1,3,5-Trimethylbenzene	230	J		11.5	ug/L
95-63-6	1,2,4-Trimethylbenzene	900	J		11.8	ug/L
135-98-8	sec-Butylbenzene	41.5	J		11.9	ug/L
000104-76-7	1-Hexanol, 2-ethyl-	11800	J		12.2	ug/L
104-51-8	n-Butylbenzene	120	J		12.3	ug/L
1000431-01-2	2-Ethylhexanal ethylene glycol ace	2900	J		13.5	ug/L
034880-43-8	2-Heptenal, 2-propyl-	1600	J		13.6	ug/L
91-20-3	Naphthalene	400	J		13.8	ug/L
001680-51-9	Naphthalene, 1,2,3,4-tetrahydro-6-	1100	J		14.2	ug/L
000090-12-0	Naphthalene, 1-methyl-	2200	J		14.6	ug/L
000629-62-9	Pentadecane	1400	J		15.5	ug/L
000128-39-2	Phenol, 2,6-bis(1,1-dimethylethyl)	2900	J		15.6	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