

Report of Analysis

Client:	PSEG	Date Collected:	12/10/24
Project:	Central Gas Plant	Date Received:	12/10/24
Client Sample ID:	1203	SDG No.:	P5243
Lab Sample ID:	P5243-01	Matrix:	Water
Analytical Method:	SW8260	% 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

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044210.D	100		12/10/24 16:00	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	55.0	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	900		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	1600		19.0	500	ug/L
71-43-2	Benzene	3600		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	5100	Q	18.0	500	ug/L

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103-65-1	n-propylbenzene	94.6	J		11.3	ug/L
108-67-8	1,3,5-Trimethylbenzene	380	J		11.5	ug/L
95-63-6	1,2,4-Trimethylbenzene	790	J		11.8	ug/L
135-98-8	sec-Butylbenzene	36.0	J		11.9	ug/L
000104-76-7	1-Hexanol, 2-ethyl-	10100	J		12.2	ug/L
000112-40-3	Dodecane	2700	J		13.3	ug/L
91-20-3	Naphthalene	390	J		13.8	ug/L
000629-50-5	Tridecane	5600	J		14.0	ug/L
000504-44-9	Hexadecane, 2,6,11,15-tetramethyl-	2900	J		14.6	ug/L
000629-59-4	Tetradecane	6200	J		14.8	ug/L
000629-94-7	Heneicosane	3600	J		15.2	ug/L
000629-62-9	Pentadecane	6300	J		15.5	ug/L
000128-39-2	Phenol, 2,6-bis(1,1-dimethylethyl)	2600	J		15.6	ug/L
001120-21-4	Undecane	2200	J		15.9	ug/L
000544-76-3	Hexadecane	2200	J		16.4	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