

Report of Analysis

Client:	PSEG	Date Collected:	08/11/25
Project:	Plainfield Gas District	Date Received:	08/11/25
Client Sample ID:	GW-COMP	SDG No.:	Q2821
Lab Sample ID:	Q2821-05	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	RXI-624	ID :	0.25
Prep Method :		Level :	LOW
		Final Vol:	5000
		Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087578.D	1	08/15/25 13:52	VN081525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.00	U	0.22	5.00	ug/L
74-87-3	Chloromethane	5.00	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	5.00	U	0.26	5.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	5.00	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	5.00	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	5.00	U	0.23	5.00	ug/L
67-64-1	Acetone	24.9	J	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	5.00	U	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	5.00	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	5.00	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	5.00	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	5.00	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	5.00	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	2.50	J	1.50	5.00	ug/L
78-93-3	2-Butanone	6.10	J	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	5.00	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	5.00	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	5.00	U	0.22	5.00	ug/L
67-66-3	Chloroform	5.00	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	5.00	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	6.80		0.16	5.00	ug/L
71-43-2	Benzene	2.70	J	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	5.00	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	5.00	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	5.00	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	5.00	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	25.0	U	0.68	25.0	ug/L
108-88-3	Toluene	8.20		0.14	5.00	ug/L

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107-02-8	Acrolein	12.5	J		4.18	ug/L
000107-83-5	Pentane, 2-methyl-	15.2	J		5.33	ug/L
000096-14-0	Pentane, 3-methyl-	14.0	J		5.79	ug/L
103-65-1	n-propylbenzene	2.30	J		13.0	ug/L
108-67-8	1,3,5-Trimethylbenzene	18.3	J		13.2	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	21.6	J		13.3	ug/L
98-06-6	tert-Butylbenzene	0.38	J		13.4	ug/L
95-63-6	1,2,4-Trimethylbenzene	24.9	J		13.5	ug/L
135-98-8	sec-Butylbenzene	0.71	J		13.6	ug/L
99-87-6	p-Isopropyltoluene	1.40	J		13.7	ug/L
000141-93-5	Benzene, 1,3-diethyl-	14.5	J		13.9	ug/L
036617-02-4	Benzene, (2-bromocyclopropyl)-	46.5	J		14.0	ug/L
104-51-8	n-Butylbenzene	1.40	J		14.0	ug/L
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	39.5	J		14.3	ug/L
007525-62-4	Benzene, 1-ethenyl-3-ethyl-	27.7	J		14.4	ug/L
000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	26.2	J		14.6	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	13.6	J		14.9	ug/L
002039-90-9	Benzene, 2-ethenyl-1,3-dimethyl-	58.8	J		15.0	ug/L
91-20-3	Naphthalene	10.0	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