

Report of Analysis

Client:	PSEG	Date Collected:	08/12/25
Project:	Orange Gas	Date Received:	08/12/25
Client Sample ID:	0804-E	SDG No.:	Q2840
Lab Sample ID:	Q2840-03	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
VN087581.D	1	08/15/25 14:57	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	79.8		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	1.90	J	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	5.00	U	1.50	5.00	ug/L
78-93-3	2-Butanone	56.9		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	2.50	J	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	5.00	U	0.16	5.00	ug/L
71-43-2	Benzene	0.51	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	1.30	J	0.68	25.0	ug/L
108-88-3	Toluene	0.87	J	0.14	5.00	ug/L

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000064-17-5	Ethanol	8.30	J		3.80	ug/L
107-13-1	Acrylonitrile	5.60	J		5.71	ug/L
000071-23-8	1-Propanol	50.0	J		6.79	ug/L
000112-32-3	Formic acid, octyl ester	4000	J		14.2	ug/L
001118-27-0	Butanoic acid, 3-methyl-, 1-etheny	70.9	J		14.5	ug/L
	unknown14.782	46.7	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