

Report of Analysis

Client:	PSEG	Date Collected:	02/25/25
Project:	Orange Gas	Date Received:	02/25/25
Client Sample ID:	50453	SDG No.:	Q1426
Lab Sample ID:	Q1426-01	Matrix:	Water
Analytical Method:	SW8260	% 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:	Prep Date	Date Analyzed	Prep Batch ID
VN085873.D	10		02/26/25 15:57	VN022625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	50.0	U	2.10	50.0	ug/L
74-87-3	Chloromethane	50.0	U	3.50	50.0	ug/L
75-01-4	Vinyl Chloride	50.0	U	3.40	50.0	ug/L
74-83-9	Bromomethane	50.0	U	13.6	50.0	ug/L
75-00-3	Chloroethane	50.0	U	5.60	50.0	ug/L
75-69-4	Trichlorofluoromethane	50.0	U	3.40	50.0	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	50.0	U	2.50	50.0	ug/L
75-35-4	1,1-Dichloroethene	50.0	U	2.60	50.0	ug/L
67-64-1	Acetone	31.4	J	13.9	250	ug/L
75-15-0	Carbon Disulfide	50.0	U	3.20	50.0	ug/L
1634-04-4	Methyl tert-butyl Ether	50.0	U	1.60	50.0	ug/L
79-20-9	Methyl Acetate	50.0	U	6.00	50.0	ug/L
75-09-2	Methylene Chloride	50.0	U	3.20	50.0	ug/L
156-60-5	trans-1,2-Dichloroethene	50.0	U	2.50	50.0	ug/L
75-34-3	1,1-Dichloroethane	50.0	U	2.30	50.0	ug/L
110-82-7	Cyclohexane	50.0	U	16.2	50.0	ug/L
78-93-3	2-Butanone	250	U	13.0	250	ug/L
56-23-5	Carbon Tetrachloride	50.0	U	2.50	50.0	ug/L
156-59-2	cis-1,2-Dichloroethene	50.0	U	2.50	50.0	ug/L
74-97-5	Bromochloromethane	50.0	U	1.80	50.0	ug/L
67-66-3	Chloroform	50.0	U	2.60	50.0	ug/L
71-55-6	1,1,1-Trichloroethane	50.0	U	1.90	50.0	ug/L
108-87-2	Methylcyclohexane	50.0	U	1.90	50.0	ug/L
71-43-2	Benzene	50.0	U	1.60	50.0	ug/L
107-06-2	1,2-Dichloroethane	50.0	U	2.40	50.0	ug/L
79-01-6	Trichloroethene	50.0	U	3.20	50.0	ug/L
78-87-5	1,2-Dichloropropane	50.0	U	1.90	50.0	ug/L
75-27-4	Bromodichloromethane	50.0	U	2.40	50.0	ug/L
108-10-1	4-Methyl-2-Pentanone	250	U	7.50	250	ug/L
108-88-3	Toluene	50.0	U	1.80	50.0	ug/L

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10061-02-6	t-1,3-Dichloropropene	50.0	U	2.10	50.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	50.0	U	1.80	50.0	ug/L
79-00-5	1,1,2-Trichloroethane	50.0	U	2.10	50.0	ug/L
591-78-6	2-Hexanone	250	U	11.3	250	ug/L
124-48-1	Dibromochloromethane	50.0	U	1.80	50.0	ug/L
106-93-4	1,2-Dibromoethane	50.0	U	1.60	50.0	ug/L
127-18-4	Tetrachloroethene	50.0	U	2.50	50.0	ug/L
108-90-7	Chlorobenzene	50.0	U	1.30	50.0	ug/L
100-41-4	Ethyl Benzene	50.0	U	1.60	50.0	ug/L
179601-23-1	m/p-Xylenes	100	U	3.10	100	ug/L
95-47-6	o-Xylene	50.0	U	1.40	50.0	ug/L
100-42-5	Styrene	50.0	U	1.60	50.0	ug/L
75-25-2	Bromoform	50.0	U	2.10	50.0	ug/L
98-82-8	Isopropylbenzene	50.0	U	1.30	50.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	50.0	U	2.70	50.0	ug/L
541-73-1	1,3-Dichlorobenzene	50.0	U	2.40	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	50.0	U	2.70	50.0	ug/L
95-50-1	1,2-Dichlorobenzene	50.0	U	1.90	50.0	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	50.0	U	4.60	50.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	50.0	U	4.20	50.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	50.0	U	5.10	50.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.9		74 - 125	116%	SPK: 50
1868-53-7	Dibromofluoromethane	56.3		75 - 124	113%	SPK: 50
2037-26-5	Toluene-d8	51.3		86 - 113	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.4		77 - 121	95%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	236000	8.224			
540-36-3	1,4-Difluorobenzene	439000	9.1			
3114-55-4	Chlorobenzene-d5	394000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	160000	13.794			

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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