

Report of Analysis

Client:	PSEG	Date Collected:	04/16/25
Project:	Irvington Sub HQ	Date Received:	04/16/25
Client Sample ID:	441	SDG No.:	Q1816
Lab Sample ID:	Q1816-01	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
VX045834.D	10		04/17/25 17:28	VX041725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	50.0	U	2.20	50.0	ug/L
74-87-3	Chloromethane	50.0	U	3.20	50.0	ug/L
75-01-4	Vinyl Chloride	50.0	U	2.60	50.0	ug/L
74-83-9	Bromomethane	50.0	U	14.4	50.0	ug/L
75-00-3	Chloroethane	50.0	U	4.70	50.0	ug/L
75-69-4	Trichlorofluoromethane	50.0	U	3.30	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	2.30	50.0	ug/L
67-64-1	Acetone	740		15.1	250	ug/L
75-15-0	Carbon Disulfide	50.0	U	2.10	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	2.70	50.0	ug/L
75-09-2	Methylene Chloride	50.0	U	2.80	50.0	ug/L
156-60-5	trans-1,2-Dichloroethene	50.0	U	2.30	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	14.5	50.0	ug/L
78-93-3	2-Butanone	290		9.80	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	1.90	50.0	ug/L
74-97-5	Bromochloromethane	50.0	U	2.20	50.0	ug/L
67-66-3	Chloroform	5.50	J	2.50	50.0	ug/L
71-55-6	1,1,1-Trichloroethane	50.0	U	2.00	50.0	ug/L
108-87-2	Methylcyclohexane	50.0	U	1.60	50.0	ug/L
71-43-2	Benzene	50.0	U	1.50	50.0	ug/L
107-06-2	1,2-Dichloroethane	50.0	U	2.20	50.0	ug/L
79-01-6	Trichloroethene	50.0	U	0.93	50.0	ug/L
78-87-5	1,2-Dichloropropane	50.0	U	2.00	50.0	ug/L
75-27-4	Bromodichloromethane	50.0	U	2.20	50.0	ug/L
108-10-1	4-Methyl-2-Pentanone	27.1	J	6.80	250	ug/L
108-88-3	Toluene	13.2	J	1.40	50.0	ug/L

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75-65-0	Tert butyl alcohol	180	J		2.96	ug/L
000563-80-4	2-Butanone, 3-methyl-	250	J		6.63	ug/L
000107-87-9	2-Pentanone	56.0	J		7.46	ug/L
006137-03-7	2-Pentanone, 3-ethyl-	61.3	J		10.2	ug/L
000110-43-0	2-Heptanone	130	J		10.8	ug/L
95-63-6	1,2,4-Trimethylbenzene	6.90	J		11.8	ug/L
000470-82-6	Eucalyptol	120	J		12.1	ug/L
000104-76-7	1-Hexanol, 2-ethyl-	970	J		12.2	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