

Report of Analysis

Client:	PSEG	Date Collected:	01/09/25
Project:	Burlington Gas District	Date Received:	01/09/25
Client Sample ID:	FRAC-TANK-257952DL	SDG No.:	Q1049
Lab Sample ID:	Q1049-01DL	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085415.D	5		01/09/25 17:59	VN010925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.00	UD	1.10	5.00	ug/L
74-87-3	Chloromethane	5.00	UD	1.80	5.00	ug/L
75-01-4	Vinyl Chloride	5.00	UD	1.70	5.00	ug/L
74-83-9	Bromomethane	25.0	UD	6.80	25.0	ug/L
75-00-3	Chloroethane	5.00	UD	2.80	5.00	ug/L
75-69-4	Trichlorofluoromethane	5.00	UD	1.70	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	UD	1.30	5.00	ug/L
75-35-4	1,1-Dichloroethene	5.00	UD	1.30	5.00	ug/L
67-64-1	Acetone	140	D	7.00	25.0	ug/L
75-15-0	Carbon Disulfide	5.00	UD	1.60	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	5.00	UD	0.80	5.00	ug/L
79-20-9	Methyl Acetate	5.90	D	3.00	5.00	ug/L
75-09-2	Methylene Chloride	5.00	UD	1.60	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	5.00	UD	1.30	5.00	ug/L
75-34-3	1,1-Dichloroethane	5.00	UD	1.20	5.00	ug/L
110-82-7	Cyclohexane	25.0	UD	8.10	25.0	ug/L
78-93-3	2-Butanone	77.0	D	6.50	25.0	ug/L
56-23-5	Carbon Tetrachloride	5.00	UD	1.30	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	5.00	UD	1.30	5.00	ug/L
74-97-5	Bromochloromethane	5.00	UD	0.90	5.00	ug/L
67-66-3	Chloroform	5.00	UD	1.30	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	5.00	UD	0.95	5.00	ug/L
108-87-2	Methylcyclohexane	7.30	D	0.95	5.00	ug/L
71-43-2	Benzene	120	D	0.80	5.00	ug/L
107-06-2	1,2-Dichloroethane	5.00	UD	1.20	5.00	ug/L
79-01-6	Trichloroethene	5.00	UD	1.60	5.00	ug/L
78-87-5	1,2-Dichloropropane	5.00	UD	0.95	5.00	ug/L
75-27-4	Bromodichloromethane	5.00	UD	1.20	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	25.0	UD	3.80	25.0	ug/L
108-88-3	Toluene	190	D	0.90	5.00	ug/L

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10061-02-6	t-1,3-Dichloropropene	5.00	UD	1.10	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	5.00	UD	0.90	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	5.00	UD	1.10	5.00	ug/L
591-78-6	2-Hexanone	25.0	UD	5.70	25.0	ug/L
124-48-1	Dibromochloromethane	5.00	UD	0.90	5.00	ug/L
106-93-4	1,2-Dibromoethane	5.00	UD	0.80	5.00	ug/L
127-18-4	Tetrachloroethene	5.00	UD	1.30	5.00	ug/L
108-90-7	Chlorobenzene	5.00	UD	0.65	5.00	ug/L
100-41-4	Ethyl Benzene	39.0	D	0.80	5.00	ug/L
179601-23-1	m/p-Xylenes	180	D	1.60	10.0	ug/L
95-47-6	o-Xylene	91.9	D	0.70	5.00	ug/L
100-42-5	Styrene	5.00	UD	0.80	5.00	ug/L
75-25-2	Bromoform	5.00	UD	1.10	5.00	ug/L
98-82-8	Isopropylbenzene	6.40	D	0.65	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5.00	UD	1.40	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	5.00	UD	1.20	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	5.00	UD	1.40	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	5.00	UD	0.95	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5.00	UD	2.30	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	5.00	UD	2.10	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	5.00	UD	2.60	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.2		74 - 125	100%	SPK: 50
1868-53-7	Dibromofluoromethane	49.2		75 - 124	98%	SPK: 50
2037-26-5	Toluene-d8	52.4		86 - 113	105%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.5		77 - 121	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	223000	8.218			
540-36-3	1,4-Difluorobenzene	403000	9.094			
3114-55-4	Chlorobenzene-d5	343000	11.859			
3855-82-1	1,4-Dichlorobenzene-d4	139000	13.788			

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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