

Report of Analysis

Client:	PSEG	Date Collected:	07/15/25
Project:	Jersey City Gas District	Date Received:	07/15/25
Client Sample ID:	710-CME	SDG No.:	Q2609
Lab Sample ID:	Q2609-03ME	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	99.5
Sample Wt/Vol:	4.73 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087343.D	1	07/17/25 14:42	VN071725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.53	UD	0.12	0.53	mg/Kg
74-87-3	Chloromethane	0.53	UD	0.12	0.53	mg/Kg
75-01-4	Vinyl Chloride	0.53	UD	0.084	0.53	mg/Kg
74-83-9	Bromomethane	0.53	UD	0.11	0.53	mg/Kg
75-00-3	Chloroethane	0.53	UD	0.13	0.53	mg/Kg
75-69-4	Trichlorofluoromethane	0.53	UD	0.13	0.53	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.53	UD	0.11	0.53	mg/Kg
75-35-4	1,1-Dichloroethene	0.53	UD	0.11	0.53	mg/Kg
67-64-1	Acetone	2.70	UD	0.50	2.70	mg/Kg
75-15-0	Carbon Disulfide	0.53	UD	0.11	0.53	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.53	UD	0.078	0.53	mg/Kg
79-20-9	Methyl Acetate	0.53	UD	0.16	0.53	mg/Kg
75-09-2	Methylene Chloride	1.10	UD	0.38	1.10	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.53	UD	0.091	0.53	mg/Kg
75-34-3	1,1-Dichloroethane	0.53	UD	0.085	0.53	mg/Kg
110-82-7	Cyclohexane	0.53	UD	0.084	0.53	mg/Kg
78-93-3	2-Butanone	2.70	UD	0.69	2.70	mg/Kg
56-23-5	Carbon Tetrachloride	0.53	UD	0.10	0.53	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.53	UD	0.080	0.53	mg/Kg
74-97-5	Bromochloromethane	0.53	UD	0.12	0.53	mg/Kg
67-66-3	Chloroform	0.53	UD	0.089	0.53	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.53	UD	0.099	0.53	mg/Kg
108-87-2	Methylcyclohexane	0.24	JD	0.097	0.53	mg/Kg
71-43-2	Benzene	1.00	D	0.084	0.53	mg/Kg
107-06-2	1,2-Dichloroethane	0.53	UD	0.084	0.53	mg/Kg
79-01-6	Trichloroethene	0.53	UD	0.086	0.53	mg/Kg
78-87-5	1,2-Dichloropropane	0.53	UD	0.097	0.53	mg/Kg
75-27-4	Bromodichloromethane	0.53	UD	0.083	0.53	mg/Kg
108-10-1	4-Methyl-2-Pentanone	2.70	UD	0.38	2.70	mg/Kg
108-88-3	Toluene	2.30	D	0.083	0.53	mg/Kg

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10061-02-6	t-1,3-Dichloropropene	0.53	UD	0.069	0.53	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.53	UD	0.066	0.53	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.53	UD	0.098	0.53	mg/Kg
591-78-6	2-Hexanone	2.70	UD	0.39	2.70	mg/Kg
124-48-1	Dibromochloromethane	0.53	UD	0.092	0.53	mg/Kg
106-93-4	1,2-Dibromoethane	0.53	UD	0.094	0.53	mg/Kg
127-18-4	Tetrachloroethene	0.53	UD	0.11	0.53	mg/Kg
108-90-7	Chlorobenzene	0.53	UD	0.097	0.53	mg/Kg
100-41-4	Ethyl Benzene	0.58	D	0.071	0.53	mg/Kg
179601-23-1	m/p-Xylenes	6.30	D	0.13	1.10	mg/Kg
95-47-6	o-Xylene	5.40	D	0.087	0.53	mg/Kg
100-42-5	Styrene	1.50	D	0.075	0.53	mg/Kg
75-25-2	Bromoform	0.53	UD	0.091	0.53	mg/Kg
98-82-8	Isopropylbenzene	0.53	UD	0.083	0.53	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.53	UD	0.13	0.53	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.53	UD	0.18	0.53	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.53	UD	0.17	0.53	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.53	UD	0.15	0.53	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	UD	0.20	0.53	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.53	UD	0.32	0.53	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.53	UD	0.34	0.53	mg/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.9		63 - 155	98%	SPK: 50
1868-53-7	Dibromofluoromethane	45.6		70 - 134	91%	SPK: 50
2037-26-5	Toluene-d8	49.3		74 - 123	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.8		17 - 146	88%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	254000	8.2			
540-36-3	1,4-Difluorobenzene	496000	9.082			
3114-55-4	Chlorobenzene-d5	409000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	195000	13.77			

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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