

Report of Analysis

Client:	PSEG	Date Collected:	07/15/25
Project:	Jersey City Gas District	Date Received:	07/15/25
Client Sample ID:	709-A	SDG No.:	Q2609
Lab Sample ID:	Q2609-07	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	99.8
Sample Wt/Vol:	5 Units: g	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:	Date Analyzed	Prep Batch ID
VW031872.D	1	07/16/25 12:51	VW071625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.0050	U	0.0011	0.0050	mg/Kg
74-87-3	Chloromethane	0.0050	U	0.0011	0.0050	mg/Kg
75-01-4	Vinyl Chloride	0.0050	U	0.00079	0.0050	mg/Kg
74-83-9	Bromomethane	0.0050	U	0.0011	0.0050	mg/Kg
75-00-3	Chloroethane	0.0050	U	0.0013	0.0050	mg/Kg
75-69-4	Trichlorofluoromethane	0.0050	U	0.0012	0.0050	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0050	U	0.0011	0.0050	mg/Kg
75-35-4	1,1-Dichloroethene	0.0050	U	0.0010	0.0050	mg/Kg
67-64-1	Acetone	0.023	J	0.0047	0.025	mg/Kg
75-15-0	Carbon Disulfide	0.0050	U	0.0011	0.0050	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0050	U	0.00073	0.0050	mg/Kg
79-20-9	Methyl Acetate	0.0050	U	0.0015	0.0050	mg/Kg
75-09-2	Methylene Chloride	0.010	U	0.0035	0.010	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0050	U	0.00086	0.0050	mg/Kg
75-34-3	1,1-Dichloroethane	0.0050	U	0.00080	0.0050	mg/Kg
110-82-7	Cyclohexane	0.0050	U	0.00079	0.0050	mg/Kg
78-93-3	2-Butanone	0.025	U	0.0066	0.025	mg/Kg
56-23-5	Carbon Tetrachloride	0.0050	U	0.00097	0.0050	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0050	U	0.00075	0.0050	mg/Kg
74-97-5	Bromochloromethane	0.0050	U	0.0012	0.0050	mg/Kg
67-66-3	Chloroform	0.0050	U	0.00084	0.0050	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0050	U	0.00093	0.0050	mg/Kg
108-87-2	Methylcyclohexane	0.0069		0.00091	0.0050	mg/Kg
71-43-2	Benzene	0.079		0.00079	0.0050	mg/Kg
107-06-2	1,2-Dichloroethane	0.0050	U	0.00079	0.0050	mg/Kg
79-01-6	Trichloroethene	0.0050	U	0.00081	0.0050	mg/Kg
78-87-5	1,2-Dichloropropane	0.0050	U	0.00091	0.0050	mg/Kg
75-27-4	Bromodichloromethane	0.0050	U	0.00078	0.0050	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.025	U	0.0036	0.025	mg/Kg
108-88-3	Toluene	0.12		0.00078	0.0050	mg/Kg

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[illegible]

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Soil Aliquot Vol:			uL
GC Column:	RXI-624	ID :	0.25
Prep Method :		Level :	LOW
		Final Vol:	5000
		Test:	VOC-TCLVOA-10

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
103-65-1	n-propylbenzene	7.30	J		12.8	ug/Kg
000620-14-4	Benzene, 1-ethyl-3-methyl-	15.7	J		12.9	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	100	J		12.9	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	220	J		13.2	ug/Kg
000095-13-6	Indene	240	J		13.9	ug/Kg
000767-59-9	1H-Indene, 1-methyl-	22.5	J		14.9	ug/Kg
91-20-3	Naphthalene	6500	J		15.4	ug/Kg
000270-82-6	Benzo[c]thiophene	43.4	J		15.5	ug/Kg
000090-12-0	Naphthalene, 1-methyl-	140	J		16.4	ug/Kg
000091-57-6	Naphthalene, 2-methyl-	61.8	J		16.6	ug/Kg

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