

Report of Analysis

Client:	PSEG	Date Collected:	07/21/25
Project:	Clifton Gas	Date Received:	07/21/25
Client Sample ID:	SOILME	SDG No.:	Q2655
Lab Sample ID:	Q2655-01ME	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	72.2
Sample Wt/Vol:	4.56 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047140.D	1	07/25/25 14:08	VX072525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.38	UD	0.087	0.38	mg/Kg
74-87-3	Chloromethane	0.38	UD	0.087	0.38	mg/Kg
75-01-4	Vinyl Chloride	0.38	UD	0.060	0.38	mg/Kg
74-83-9	Bromomethane	0.38	UD	0.081	0.38	mg/Kg
75-00-3	Chloroethane	0.38	UD	0.096	0.38	mg/Kg
75-69-4	Trichlorofluoromethane	0.38	UD	0.092	0.38	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.38	UD	0.081	0.38	mg/Kg
75-35-4	1,1-Dichloroethene	0.38	UD	0.076	0.38	mg/Kg
67-64-1	Acetone	0.44	JD	0.36	1.90	mg/Kg
75-15-0	Carbon Disulfide	0.38	UD	0.081	0.38	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.38	UD	0.055	0.38	mg/Kg
79-20-9	Methyl Acetate	0.38	UD	0.12	0.38	mg/Kg
75-09-2	Methylene Chloride	0.76	UD	0.27	0.76	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.38	UD	0.065	0.38	mg/Kg
75-34-3	1,1-Dichloroethane	0.38	UD	0.061	0.38	mg/Kg
110-82-7	Cyclohexane	0.98	D	0.060	0.38	mg/Kg
78-93-3	2-Butanone	1.90	UD	0.50	1.90	mg/Kg
56-23-5	Carbon Tetrachloride	0.38	UD	0.074	0.38	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.38	UD	0.057	0.38	mg/Kg
74-97-5	Bromochloromethane	0.38	UD	0.087	0.38	mg/Kg
67-66-3	Chloroform	0.38	UD	0.064	0.38	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.38	UD	0.071	0.38	mg/Kg
108-87-2	Methylcyclohexane	2.40	D	0.069	0.38	mg/Kg
71-43-2	Benzene	3.80	D	0.060	0.38	mg/Kg
107-06-2	1,2-Dichloroethane	0.38	UD	0.060	0.38	mg/Kg
79-01-6	Trichloroethene	0.38	UD	0.062	0.38	mg/Kg
78-87-5	1,2-Dichloropropane	0.38	UD	0.069	0.38	mg/Kg
75-27-4	Bromodichloromethane	0.38	UD	0.059	0.38	mg/Kg
108-10-1	4-Methyl-2-Pentanone	1.90	UD	0.27	1.90	mg/Kg
108-88-3	Toluene	9.60	D	0.059	0.38	mg/Kg

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10061-02-6	t-1,3-Dichloropropene	0.38	UD	0.049	0.38	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.38	UD	0.047	0.38	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.38	UD	0.070	0.38	mg/Kg
591-78-6	2-Hexanone	1.90	UD	0.28	1.90	mg/Kg
124-48-1	Dibromochloromethane	0.38	UD	0.066	0.38	mg/Kg
106-93-4	1,2-Dibromoethane	0.38	UD	0.067	0.38	mg/Kg
127-18-4	Tetrachloroethene	0.38	UD	0.080	0.38	mg/Kg
108-90-7	Chlorobenzene	0.38	UD	0.069	0.38	mg/Kg
100-41-4	Ethyl Benzene	2.50	D	0.051	0.38	mg/Kg
179601-23-1	m/p-Xylenes	12.5	D	0.094	0.76	mg/Kg
95-47-6	o-Xylene	6.10	D	0.062	0.38	mg/Kg
100-42-5	Styrene	0.38	UD	0.054	0.38	mg/Kg
75-25-2	Bromoform	0.38	UD	0.065	0.38	mg/Kg
98-82-8	Isopropylbenzene	0.47	D	0.059	0.38	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.38	UD	0.092	0.38	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.38	UD	0.13	0.38	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.38	UD	0.12	0.38	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.38	UD	0.11	0.38	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	UD	0.14	0.38	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.38	UD	0.23	0.38	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.38	UD	0.24	0.38	mg/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.2		63 - 155	110%	SPK: 50
1868-53-7	Dibromofluoromethane	48.3		70 - 134	97%	SPK: 50
2037-26-5	Toluene-d8	55.1		74 - 123	110%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.5		17 - 146	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	440000	5.562			
540-36-3	1,4-Difluorobenzene	800000	6.769			
3114-55-4	Chlorobenzene-d5	727000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	319000	12.024			

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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