

Report of Analysis

Client:	PSEG	Date Collected:	08/28/25
Project:	Moorestown HQ	Date Received:	08/28/25
Client Sample ID:	MOO-25-0237	SDG No.:	Q2982
Lab Sample ID:	Q2982-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	2 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
VN087699.D	1	08/29/25 14:54	VN082925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.30	U	0.29	1.30	mg/Kg
74-87-3	Chloromethane	1.30	U	0.29	1.30	mg/Kg
75-01-4	Vinyl Chloride	1.30	U	0.20	1.30	mg/Kg
74-83-9	Bromomethane	1.30	U	0.27	1.30	mg/Kg
75-00-3	Chloroethane	1.30	U	0.32	1.30	mg/Kg
75-69-4	Trichlorofluoromethane	1.30	U	0.30	1.30	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.30	U	0.27	1.30	mg/Kg
75-35-4	1,1-Dichloroethene	1.30	U	0.25	1.30	mg/Kg
67-64-1	Acetone	6.30	U	1.20	6.30	mg/Kg
75-15-0	Carbon Disulfide	1.30	U	0.27	1.30	mg/Kg
1634-04-4	Methyl tert-butyl Ether	1.30	U	0.18	1.30	mg/Kg
79-20-9	Methyl Acetate	1.30	U	0.39	1.30	mg/Kg
75-09-2	Methylene Chloride	2.50	U	0.88	2.50	mg/Kg
156-60-5	trans-1,2-Dichloroethene	1.30	U	0.22	1.30	mg/Kg
75-34-3	1,1-Dichloroethane	1.30	U	0.20	1.30	mg/Kg
110-82-7	Cyclohexane	1.30	U	0.20	1.30	mg/Kg
78-93-3	2-Butanone	6.30	U	1.60	6.30	mg/Kg
56-23-5	Carbon Tetrachloride	1.30	U	0.24	1.30	mg/Kg
156-59-2	cis-1,2-Dichloroethene	1.30	U	0.19	1.30	mg/Kg
74-97-5	Bromochloromethane	1.30	U	0.29	1.30	mg/Kg
67-66-3	Chloroform	1.30	U	0.21	1.30	mg/Kg
71-55-6	1,1,1-Trichloroethane	1.30	U	0.23	1.30	mg/Kg
108-87-2	Methylcyclohexane	1.30	U	0.23	1.30	mg/Kg
71-43-2	Benzene	1.30	U	0.20	1.30	mg/Kg
107-06-2	1,2-Dichloroethane	1.30	U	0.20	1.30	mg/Kg
79-01-6	Trichloroethene	1.30	U	0.20	1.30	mg/Kg
78-87-5	1,2-Dichloropropane	1.30	U	0.23	1.30	mg/Kg
75-27-4	Bromodichloromethane	1.30	U	0.20	1.30	mg/Kg
108-10-1	4-Methyl-2-Pentanone	6.30	U	0.90	6.30	mg/Kg
108-88-3	Toluene	1.30	U	0.20	1.30	mg/Kg

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10061-02-6	t-1,3-Dichloropropene	1.30	U	0.16	1.30	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	1.30	U	0.16	1.30	mg/Kg
79-00-5	1,1,2-Trichloroethane	1.30	U	0.23	1.30	mg/Kg
591-78-6	2-Hexanone	6.30	U	0.92	6.30	mg/Kg
124-48-1	Dibromochloromethane	1.30	U	0.22	1.30	mg/Kg
106-93-4	1,2-Dibromoethane	1.30	U	0.22	1.30	mg/Kg
127-18-4	Tetrachloroethene	1.30	U	0.26	1.30	mg/Kg
108-90-7	Chlorobenzene	1.30	U	0.23	1.30	mg/Kg
100-41-4	Ethyl Benzene	1.30	U	0.17	1.30	mg/Kg
179601-23-1	m/p-Xylenes	2.50	U	0.31	2.50	mg/Kg
95-47-6	o-Xylene	1.30	U	0.21	1.30	mg/Kg
100-42-5	Styrene	1.30	U	0.18	1.30	mg/Kg
75-25-2	Bromoform	1.30	U	0.22	1.30	mg/Kg
98-82-8	Isopropylbenzene	1.30	U	0.20	1.30	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.30	U	0.30	1.30	mg/Kg
541-73-1	1,3-Dichlorobenzene	1.30	U	0.43	1.30	mg/Kg
106-46-7	1,4-Dichlorobenzene	1.30	U	0.39	1.30	mg/Kg
95-50-1	1,2-Dichlorobenzene	1.30	U	0.36	1.30	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.30	U	0.46	1.30	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	1.30	U	0.74	1.30	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	1.30	U	0.80	1.30	mg/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.6		63 - 155	111%	SPK: 50
1868-53-7	Dibromofluoromethane	50.3		70 - 134	101%	SPK: 50
2037-26-5	Toluene-d8	47.5		74 - 123	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	39.4		17 - 146	79%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	146000	8.2			
540-36-3	1,4-Difluorobenzene	346000	9.077			
3114-55-4	Chlorobenzene-d5	307000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	127000	13.771			

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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