

Report of Analysis

Client:	PSEG	Date Collected:	05/28/25
Project:	Moorestown	Date Received:	05/28/25
Client Sample ID:	MOO-25-0151	SDG No.:	Q2137
Lab Sample ID:	Q2137-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	1 Units: g	Final Vol:	10000 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:	Prep Date	Date Analyzed	Prep Batch ID
VX046399.D	1		05/29/25 15:10	VX052925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.57	U	0.57	2.50	mg/Kg
74-87-3	Chloromethane	0.57	U	0.57	2.50	mg/Kg
75-01-4	Vinyl Chloride	0.40	U	0.40	2.50	mg/Kg
74-83-9	Bromomethane	0.54	U	0.54	2.50	mg/Kg
75-00-3	Chloroethane	0.63	U	0.63	2.50	mg/Kg
75-69-4	Trichlorofluoromethane	0.61	U	0.61	2.50	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.53	U	0.53	2.50	mg/Kg
75-35-4	1,1-Dichloroethene	0.50	U	0.50	2.50	mg/Kg
67-64-1	Acetone	2.40	U	2.40	12.5	mg/Kg
75-15-0	Carbon Disulfide	0.53	U	0.53	2.50	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.37	U	0.37	2.50	mg/Kg
79-20-9	Methyl Acetate	0.77	U	0.77	2.50	mg/Kg
75-09-2	Methylene Chloride	1.80	U	1.80	5.00	mg/Kg
156-60-5	trans-1,2-Dichloroethene	2.70		0.43	2.50	mg/Kg
75-34-3	1,1-Dichloroethane	0.40	U	0.40	2.50	mg/Kg
110-82-7	Cyclohexane	0.40	U	0.40	2.50	mg/Kg
78-93-3	2-Butanone	3.30	U	3.30	12.5	mg/Kg
56-23-5	Carbon Tetrachloride	0.49	U	0.49	2.50	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.38	U	0.38	2.50	mg/Kg
74-97-5	Bromochloromethane	0.58	U	0.58	2.50	mg/Kg
67-66-3	Chloroform	0.42	U	0.42	2.50	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.47	U	0.47	2.50	mg/Kg
108-87-2	Methylcyclohexane	0.46	U	0.46	2.50	mg/Kg
71-43-2	Benzene	0.40	U	0.40	2.50	mg/Kg
107-06-2	1,2-Dichloroethane	0.40	U	0.40	2.50	mg/Kg
79-01-6	Trichloroethene	0.41	U	0.41	2.50	mg/Kg
78-87-5	1,2-Dichloropropane	0.46	U	0.46	2.50	mg/Kg
75-27-4	Bromodichloromethane	0.39	U	0.39	2.50	mg/Kg
108-10-1	4-Methyl-2-Pentanone	1.80	U	1.80	12.5	mg/Kg
108-88-3	Toluene	5.10		0.39	2.50	mg/Kg

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10061-02-6	t-1,3-Dichloropropene	0.33	U	0.33	2.50	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.31	U	0.31	2.50	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.46	U	0.46	2.50	mg/Kg
591-78-6	2-Hexanone	1.80	U	1.80	12.5	mg/Kg
124-48-1	Dibromochloromethane	0.44	U	0.44	2.50	mg/Kg
106-93-4	1,2-Dibromoethane	0.44	U	0.44	2.50	mg/Kg
127-18-4	Tetrachloroethene	0.53	U	0.53	2.50	mg/Kg
108-90-7	Chlorobenzene	0.46	U	0.46	2.50	mg/Kg
100-41-4	Ethyl Benzene	0.34	U	0.34	2.50	mg/Kg
179601-23-1	m/p-Xylenes	0.62	U	0.62	5.00	mg/Kg
95-47-6	o-Xylene	0.41	U	0.41	2.50	mg/Kg
100-42-5	Styrene	0.36	U	0.36	2.50	mg/Kg
75-25-2	Bromoform	0.43	U	0.43	2.50	mg/Kg
98-82-8	Isopropylbenzene	0.39	U	0.39	2.50	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.61	U	0.61	2.50	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.86	U	0.86	2.50	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.78	U	0.78	2.50	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.73	U	0.73	2.50	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.92	U	0.92	2.50	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	1.50	U	1.50	2.50	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	1.60	U	1.60	2.50	mg/Kg

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	52.2	63 - 155	104%	SPK: 50
1868-53-7	Dibromofluoromethane	48.0	70 - 134	96%	SPK: 50
2037-26-5	Toluene-d8	49.8	74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.7	38 - 136	99%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	56800	5.544
540-36-3	1,4-Difluorobenzene	113000	6.757
3114-55-4	Chlorobenzene-d5	104000	10.055
3855-82-1	1,4-Dichlorobenzene-d4	46300	12.024

TENTATIVE IDENTIFIED COMPOUNDS

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000104-76-7	1-Hexanol, 2-ethyl-	2900	J		12.2	ug/Kg
001120-21-4	Undecane	3700	J		12.4	ug/Kg
000590-18-1	2-Butene, (Z)-	48500	J		13.0	ug/Kg
000115-11-7	1-Propene, 2-methyl-	8200	J		13.3	ug/Kg
000107-01-7	unknown14.438	92600	J		14.4	ug/Kg
000629-59-4	Tetradecane	4600	J		14.8	ug/Kg
000629-62-9	Pentadecane	3900	J		15.5	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