

Report of Analysis

Client:	PSEG	Date Collected:	07/21/25
Project:	Moorestown HQ	Date Received:	07/21/25
Client Sample ID:	MOO-25-0218	SDG No.:	Q2660
Lab Sample ID:	Q2660-03	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:	Date Analyzed	Prep Batch ID
VX047091.D	10	07/23/25 15:10	VX072325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	25.0	U	5.70	25.0	mg/Kg
74-87-3	Chloromethane	25.0	U	5.70	25.0	mg/Kg
75-01-4	Vinyl Chloride	25.0	U	4.00	25.0	mg/Kg
74-83-9	Bromomethane	25.0	U	5.40	25.0	mg/Kg
75-00-3	Chloroethane	25.0	U	6.30	25.0	mg/Kg
75-69-4	Trichlorofluoromethane	25.0	U	6.10	25.0	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	25.0	U	5.30	25.0	mg/Kg
75-35-4	1,1-Dichloroethene	25.0	U	5.00	25.0	mg/Kg
67-64-1	Acetone	51.7	J	23.7	125	mg/Kg
75-15-0	Carbon Disulfide	25.0	U	5.30	25.0	mg/Kg
1634-04-4	Methyl tert-butyl Ether	25.0	U	3.70	25.0	mg/Kg
79-20-9	Methyl Acetate	25.0	U	7.70	25.0	mg/Kg
75-09-2	Methylene Chloride	50.0	U	17.7	50.0	mg/Kg
156-60-5	trans-1,2-Dichloroethene	25.0	U	4.30	25.0	mg/Kg
75-34-3	1,1-Dichloroethane	25.0	U	4.00	25.0	mg/Kg
110-82-7	Cyclohexane	25.0	U	4.00	25.0	mg/Kg
78-93-3	2-Butanone	125	U	32.7	125	mg/Kg
56-23-5	Carbon Tetrachloride	25.0	U	4.90	25.0	mg/Kg
156-59-2	cis-1,2-Dichloroethene	25.0	U	3.80	25.0	mg/Kg
74-97-5	Bromochloromethane	25.0	U	5.80	25.0	mg/Kg
67-66-3	Chloroform	25.0	U	4.20	25.0	mg/Kg
71-55-6	1,1,1-Trichloroethane	25.0	U	4.70	25.0	mg/Kg
108-87-2	Methylcyclohexane	25.0	U	4.60	25.0	mg/Kg
71-43-2	Benzene	25.0	U	4.00	25.0	mg/Kg
107-06-2	1,2-Dichloroethane	25.0	U	4.00	25.0	mg/Kg
79-01-6	Trichloroethene	25.0	U	4.10	25.0	mg/Kg
78-87-5	1,2-Dichloropropane	25.0	U	4.60	25.0	mg/Kg
75-27-4	Bromodichloromethane	25.0	U	3.90	25.0	mg/Kg
108-10-1	4-Methyl-2-Pentanone	125	U	17.9	125	mg/Kg
108-88-3	Toluene	51.0		3.90	25.0	mg/Kg

Report of Analysis

Client:	PSEG	Date Collected:	07/21/25
Project:	Moorestown HQ	Date Received:	07/21/25
Client Sample ID:	MOO-25-0218	SDG No.:	Q2660
Lab Sample ID:	Q2660-03	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:	Date Analyzed	Prep Batch ID
VX047091.D	10	07/23/25 15:10	VX072325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	25.0	U	3.30	25.0	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	25.0	U	3.10	25.0	mg/Kg
79-00-5	1,1,2-Trichloroethane	25.0	U	4.60	25.0	mg/Kg
591-78-6	2-Hexanone	125	U	18.5	125	mg/Kg
124-48-1	Dibromochloromethane	25.0	U	4.40	25.0	mg/Kg
106-93-4	1,2-Dibromoethane	25.0	U	4.40	25.0	mg/Kg
127-18-4	Tetrachloroethene	25.0	U	5.30	25.0	mg/Kg
108-90-7	Chlorobenzene	25.0	U	4.60	25.0	mg/Kg
100-41-4	Ethyl Benzene	25.0	U	3.40	25.0	mg/Kg
179601-23-1	m/p-Xylenes	50.0	U	6.20	50.0	mg/Kg
95-47-6	o-Xylene	25.0	U	4.10	25.0	mg/Kg
100-42-5	Styrene	25.0	U	3.60	25.0	mg/Kg
75-25-2	Bromoform	25.0	U	4.30	25.0	mg/Kg
98-82-8	Isopropylbenzene	25.0	U	3.90	25.0	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	25.0	U	6.10	25.0	mg/Kg
541-73-1	1,3-Dichlorobenzene	25.0	U	8.60	25.0	mg/Kg
106-46-7	1,4-Dichlorobenzene	25.0	U	7.80	25.0	mg/Kg
95-50-1	1,2-Dichlorobenzene	25.0	U	7.30	25.0	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	25.0	U	9.20	25.0	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	25.0	U	14.9	25.0	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	25.0	U	15.9	25.0	mg/Kg

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	50.2	63 - 155	100%	SPK: 50
1868-53-7	Dibromofluoromethane	45.0	70 - 134	90%	SPK: 50
2037-26-5	Toluene-d8	52.1	74 - 123	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.4	17 - 146	103%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	331000	5.562
540-36-3	1,4-Difluorobenzene	598000	6.769
3114-55-4	Chlorobenzene-d5	587000	10.055
3855-82-1	1,4-Dichlorobenzene-d4	302000	12.018

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	PSEG	Date Collected:	07/21/25
Project:	Moorestown HQ	Date Received:	07/21/25
Client Sample ID:	MOO-25-0218	SDG No.:	Q2660
Lab Sample ID:	Q2660-03	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:	Date Analyzed	Prep Batch ID
VX047091.D	10	07/23/25 15:10	VX072325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	17500	J		12.3	ug/Kg
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	206000	J		12.5	ug/Kg
000535-77-3	Benzene, 1-methyl-3-(1-methylethyl	163000	J		12.6	ug/Kg
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	414000	J		12.6	ug/Kg
000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	82900	J		12.7	ug/Kg
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	100000	J		12.8	ug/Kg
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	169000	J		12.9	ug/Kg
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	415000	J		13.0	ug/Kg
000874-35-1	1H-Indene, 2,3-dihydro-5-methyl-	98400	J		13.2	ug/Kg
000527-84-4	o-Cymene	346000	J		13.3	ug/Kg
000128-37-0	Butylated Hydroxytoluene	258000	J		16.1	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