

Report of Analysis

Client:	PSEG	Date Collected:	04/21/25
Project:	Moorestown	Date Received:	04/21/25
Client Sample ID:	PAD-42125	SDG No.:	Q1847
Lab Sample ID:	Q1847-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95.7
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		GPC Factor :	1.0
Prep Method :	SW3541	Level :	LOW
		Test:	SVOC-PAH
		Final Vol:	1000
		PH :	N

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049996.D	10	04/22/25 09:20	04/22/25 15:10	PB167689

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1.10	U	0.14	1.10	mg/Kg
208-96-8	Acenaphthylene	1.10	U	0.18	1.10	mg/Kg
83-32-9	Acenaphthene	1.10	U	0.13	1.10	mg/Kg
86-73-7	Fluorene	1.10	U	0.16	1.10	mg/Kg
85-01-8	Phenanthrene	1.10	U	0.13	1.10	mg/Kg
120-12-7	Anthracene	1.10	U	0.21	1.10	mg/Kg
206-44-0	Fluoranthene	1.10	U	0.19	1.10	mg/Kg
129-00-0	Pyrene	1.10	U	0.23	1.10	mg/Kg
56-55-3	Benzo(a)anthracene	1.10	U	0.14	1.10	mg/Kg
218-01-9	Chrysene	1.10	U	0.12	1.10	mg/Kg
205-99-2	Benzo(b)fluoranthene	1.10	U	0.12	1.10	mg/Kg
207-08-9	Benzo(k)fluoranthene	1.10	U	0.14	1.10	mg/Kg
50-32-8	Benzo(a)pyrene	1.10	U	0.18	1.10	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.10	U	0.18	1.10	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	1.10	U	0.17	1.10	mg/Kg
191-24-2	Benzo(g,h,i)perylene	1.10	U	0.16	1.10	mg/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	53.4		18 - 107	53%	SPK: 100
321-60-8	2-Fluorobiphenyl	56.5		20 - 109	57%	SPK: 100
1718-51-0	Terphenyl-d14	62.5		10 - 105	62%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	272000	7.769			
1146-65-2	Naphthalene-d8	937000	10.563			
15067-26-2	Acenaphthene-d10	632000	14.41			
1517-22-2	Phenanthrene-d10	1060000	17.163			
1719-03-5	Chrysene-d12	1120000	21.403			
1520-96-3	Perylene-d12	1260000	24.409			

Report of Analysis

Client:	PSEG	Date Collected:	04/21/25
Project:	Moorestown	Date Received:	04/21/25
Client Sample ID:	PAD-42125	SDG No.:	Q1847
Lab Sample ID:	Q1847-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95.7
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		GPC Factor :	1.0
Prep Method :	SW3541	Level :	LOW
		Final Vol:	1000 uL
		Test:	SVOC-PAH
		GPC Cleanup :	N
		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049996.D	10	04/22/25 09:20	04/22/25 15:10	PB167689

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

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