

Report of Analysis

Client:	PSEG	Date Collected:	08/13/25
Project:	Moorestown HQ	Date Received:	08/13/25
Client Sample ID:	MOO-25-0226	SDG No.:	Q2844
Lab Sample ID:	Q2844-09	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	5.03	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 :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143440.D	1	08/14/25 08:40	08/18/25 14:36	PB169242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	4.50		0.14	1.00	mg/Kg
208-96-8	Acenaphthylene	1.00	U	0.17	1.00	mg/Kg
83-32-9	Acenaphthene	1.00	U	0.13	1.00	mg/Kg
86-73-7	Fluorene	1.00	U	0.15	1.00	mg/Kg
85-01-8	Phenanthrene	0.46	J	0.12	1.00	mg/Kg
120-12-7	Anthracene	1.00	U	0.20	1.00	mg/Kg
206-44-0	Fluoranthene	1.00	U	0.18	1.00	mg/Kg
129-00-0	Pyrene	1.00	U	0.21	1.00	mg/Kg
56-55-3	Benzo(a)anthracene	1.00	U	0.14	1.00	mg/Kg
218-01-9	Chrysene	1.00	U	0.12	1.00	mg/Kg
205-99-2	Benzo(b)fluoranthene	1.00	U	0.11	1.00	mg/Kg
207-08-9	Benzo(k)fluoranthene	1.00	U	0.13	1.00	mg/Kg
50-32-8	Benzo(a)pyrene	1.00	U	0.18	1.00	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.00	U	0.17	1.00	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	1.00	U	0.16	1.00	mg/Kg
191-24-2	Benzo(g,h,i)perylene	1.00	U	0.15	1.00	mg/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	33.9		18 - 107	34%	SPK: 100
321-60-8	2-Fluorobiphenyl	35.9		20 - 109	36%	SPK: 100
1718-51-0	Terphenyl-d14	35.6		10 - 105	36%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	79600		6.928		
1146-65-2	Naphthalene-d8	278000		8.204		
15067-26-2	Acenaphthene-d10	145000		9.957		
1517-22-2	Phenanthrene-d10	257000		11.445		
1719-03-5	Chrysene-d12	185000		14.098		
1520-96-3	Perylene-d12	175000		15.609		

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Injection Volume :		GPC Factor :	1.0
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		Final Vol:	1000
		Test:	SVOC-PAH
		GPC Cleanup :	N
		PH :	

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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