

Report of Analysis

Client:	PSEG	Date Collected:	08/13/25
Project:	Moorestown HQ	Date Received:	08/13/25
Client Sample ID:	MOO-25-0234-0235	SDG No.:	Q2844
Lab Sample ID:	Q2844-04	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	92.4
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		Level :	LOW
		GPC Factor :	1.0
		GPC Cleanup :	N
		PH :	
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143441.D	5	08/14/25 08:40	08/18/25 15:05	PB169242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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TARGETS

91-20-3	Naphthalene	0.55	U	0.074	0.55	mg/Kg
208-96-8	Acenaphthylene	0.55	U	0.094	0.55	mg/Kg
83-32-9	Acenaphthene	0.55	U	0.069	0.55	mg/Kg
86-73-7	Fluorene	0.55	U	0.082	0.55	mg/Kg
85-01-8	Phenanthrene	0.55	U	0.068	0.55	mg/Kg
120-12-7	Anthracene	0.55	U	0.11	0.55	mg/Kg
206-44-0	Fluoranthene	0.29	J	0.097	0.55	mg/Kg
129-00-0	Pyrene	0.27	J	0.12	0.55	mg/Kg
56-55-3	Benzo(a)anthracene	0.55	U	0.075	0.55	mg/Kg
218-01-9	Chrysene	0.55	U	0.065	0.55	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.55	U	0.062	0.55	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.55	U	0.073	0.55	mg/Kg
50-32-8	Benzo(a)pyrene	0.55	U	0.096	0.55	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.55	U	0.094	0.55	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.55	U	0.089	0.55	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.55	U	0.083	0.55	mg/Kg

SURROGATES

4165-60-0	Nitrobenzene-d5	83.6		18 - 107	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	96.5		20 - 109	97%	SPK: 100
1718-51-0	Terphenyl-d14	91.8		10 - 105	92%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	79100	6.928
1146-65-2	Naphthalene-d8	289000	8.204
15067-26-2	Acenaphthene-d10	160000	9.957
1517-22-2	Phenanthrene-d10	266000	11.445
1719-03-5	Chrysene-d12	132000	14.133
1520-96-3	Perylene-d12	123000	15.627

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Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	SVOC-PAH
	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	1.0	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