

Report of Analysis

Client:	PSEG	Date Collected:	09/29/25
Project:	Irvington ROC Project	Date Received:	09/30/25
Client Sample ID:	S-3(0-0.5)R	SDG No.:	Q3249
Lab Sample ID:	Q3249-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	84.3
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		GPC Factor :	1.0
Prep Method :	SW3541	GPC Cleanup :	N
		Level :	LOW
		Test:	SVOC-PAH
		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143872.D	5	10/02/25 10:00	10/02/25 23:30	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1.20	U	0.16	1.20	mg/Kg
208-96-8	Acenaphthylene	1.20	U	0.21	1.20	mg/Kg
83-32-9	Acenaphthene	0.86	J	0.15	1.20	mg/Kg
86-73-7	Fluorene	0.97	J	0.18	1.20	mg/Kg
85-01-8	Phenanthrene	11.4		0.15	1.20	mg/Kg
120-12-7	Anthracene	1.80		0.24	1.20	mg/Kg
206-44-0	Fluoranthene	11.9		0.21	1.20	mg/Kg
129-00-0	Pyrene	12.6		0.26	1.20	mg/Kg
56-55-3	Benzo(a)anthracene	7.10		0.16	1.20	mg/Kg
218-01-9	Chrysene	7.90		0.14	1.20	mg/Kg
205-99-2	Benzo(b)fluoranthene	5.90		0.14	1.20	mg/Kg
207-08-9	Benzo(k)fluoranthene	2.90		0.16	1.20	mg/Kg
50-32-8	Benzo(a)pyrene	5.60		0.21	1.20	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.50		0.21	1.20	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.59	J	0.19	1.20	mg/Kg
191-24-2	Benzo(g,h,i)perylene	1.80		0.18	1.20	mg/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	112	*	18 - 107	112%	SPK: 100
321-60-8	2-Fluorobiphenyl	125	*	20 - 109	125%	SPK: 100
1718-51-0	Terphenyl-d14	103		10 - 105	103%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	92400		6.887		
1146-65-2	Naphthalene-d8	333000		8.163		
15067-26-2	Acenaphthene-d10	204000		9.922		
1517-22-2	Phenanthrene-d10	303000		11.41		
1719-03-5	Chrysene-d12	365000		14.057		
1520-96-3	Perylene-d12	487000		15.539		

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Lab Sample ID:	Q3249-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	84.3
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Extraction Type :		Test:	SVOC-PAH
	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	1.0	GPC Cleanup :
		N	PH :
Prep Method :	SW3541		

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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