

Report of Analysis

Client: PSEG
Project: PSEG Hadley Road Parking Lot
Client Sample ID: 2015
Lab Sample ID: Q3668-01
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 50.03 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 11/19/25

Date Collected: 11/18/25
Date Received: 11/18/25
SDG No.: Q3668
Matrix: SOIL
% Solid: 100
Test: SVOC-PAH

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
91-20-3	Naphthalene	0.10	U	1	0.014	0.10	mg/Kg	11/20/25 13:13	PB170631
208-96-8	Acenaphthylene	0.10	U	1	0.017	0.10	mg/Kg	11/20/25 13:13	PB170631
83-32-9	Acenaphthene	0.10	U	1	0.013	0.10	mg/Kg	11/20/25 13:13	PB170631
86-73-7	Fluorene	0.10	U	1	0.015	0.10	mg/Kg	11/20/25 13:13	PB170631
85-01-8	Phenanthrene	0.10	U	1	0.013	0.10	mg/Kg	11/20/25 13:13	PB170631
120-12-7	Anthracene	0.10	U	1	0.020	0.10	mg/Kg	11/20/25 13:13	PB170631
206-44-0	Fluoranthene	0.10	U	1	0.018	0.10	mg/Kg	11/20/25 13:13	PB170631
129-00-0	Pyrene	0.10	U	1	0.022	0.10	mg/Kg	11/20/25 13:13	PB170631
56-55-3	Benzo(a)anthracene	0.10	U	1	0.014	0.10	mg/Kg	11/20/25 13:13	PB170631
218-01-9	Chrysene	0.10	U	1	0.012	0.10	mg/Kg	11/20/25 13:13	PB170631
205-99-2	Benzo(b)fluoranthene	0.10	U	1	0.011	0.10	mg/Kg	11/20/25 13:13	PB170631
207-08-9	Benzo(k)fluoranthene	0.10	U	1	0.013	0.10	mg/Kg	11/20/25 13:13	PB170631
50-32-8	Benzo(a)pyrene	0.10	U	1	0.018	0.10	mg/Kg	11/20/25 13:13	PB170631
193-39-5	Indeno(1,2,3-cd)pyrene	0.10	U	1	0.017	0.10	mg/Kg	11/20/25 13:13	PB170631
53-70-3	Dibenzo(a,h)anthracene	0.10	U	1	0.016	0.10	mg/Kg	11/20/25 13:13	PB170631
191-24-2	Benzo(g,h,i)perylene	0.10	U	1	0.015	0.10	mg/Kg	11/20/25 13:13	PB170631
SURROGATES									
4165-60-0	Nitrobenzene-d5	53.0			10 - 108	53%	SPK: 100		
321-60-8	2-Fluorobiphenyl	54.9			10 - 108	55%	SPK: 100		
1718-51-0	Terphenyl-d14	51.3			10 - 109	51%	SPK: 100		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	277000							
1146-65-2	Naphthalene-d8	1020000							
15067-26-2	Acenaphthene-d10	587000							
1517-22-2	Phenanthrene-d10	1080000							
1719-03-5	Chrysene-d12	1160000							
1520-96-3	Perylene-d12	1420000							

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