

Report of Analysis

Client: Remington & Vernick Engineers
Project: Maclearie Park
Client Sample ID: PB170342BL
Lab Sample ID: PB170342BL
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.01 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 10/31/25

Date Collected:
Date Received:
SDG No.: Q3495
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	22.7	U	1	22.7	170	ug/Kg	11/03/25 11:47	PB170342
208-96-8	Acenaphthylene	28.9	U	1	28.9	170	ug/Kg	11/03/25 11:47	PB170342
83-32-9	Acenaphthene	21.3	U	1	21.3	170	ug/Kg	11/03/25 11:47	PB170342
86-73-7	Fluorene	25.3	U	1	25.3	170	ug/Kg	11/03/25 11:47	PB170342
85-01-8	Phenanthrene	20.9	U	1	20.9	170	ug/Kg	11/03/25 11:47	PB170342
120-12-7	Anthracene	33.3	U	1	33.3	170	ug/Kg	11/03/25 11:47	PB170342
206-44-0	Fluoranthene	30.0	U	1	30.0	170	ug/Kg	11/03/25 11:47	PB170342
129-00-0	Pyrene	36.0	U	1	36.0	170	ug/Kg	11/03/25 11:47	PB170342
56-55-3	Benzo(a)anthracene	23.0	U	1	23.0	170	ug/Kg	11/03/25 11:47	PB170342
218-01-9	Chrysene	19.9	U	1	19.9	170	ug/Kg	11/03/25 11:47	PB170342
205-99-2	Benzo(b)fluoranthene	19.0	U	1	19.0	170	ug/Kg	11/03/25 11:47	PB170342
207-08-9	Benzo(k)fluoranthene	22.4	U	1	22.4	170	ug/Kg	11/03/25 11:47	PB170342
50-32-8	Benzo(a)pyrene	29.5	U	1	29.5	170	ug/Kg	11/03/25 11:47	PB170342
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	1	29.1	170	ug/Kg	11/03/25 11:47	PB170342
53-70-3	Dibenzo(a,h)anthracene	27.4	U	1	27.4	170	ug/Kg	11/03/25 11:47	PB170342
191-24-2	Benzo(g,h,i)perylene	25.7	U	1	25.7	170	ug/Kg	11/03/25 11:47	PB170342
SURROGATES									
4165-60-0	Nitrobenzene-d5	86.0			18 - 107	86%	SPK: 100		
321-60-8	2-Fluorobiphenyl	82.9			20 - 109	83%	SPK: 100		
1718-51-0	Terphenyl-d14	85.3			10 - 105	85%	SPK: 100		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	337000							
1146-65-2	Naphthalene-d8	1300000							
15067-26-2	Acenaphthene-d10	794000							
1517-22-2	Phenanthrene-d10	1680000							
1719-03-5	Chrysene-d12	1850000							
1520-96-3	Perylene-d12	2010000							

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