

Report of Analysis

Client: Remington & Vernick Engineers
Project: Maclearie Park
Client Sample ID: PB170346BS
Lab Sample ID: PB170346BS
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 1000 mL Final Vol: 1000 uL
Prep Method : 3510C Prep Date: 10/31/25

Date Collected:
Date Received:
SDG No.: Q3495
Matrix: Water
% Solid: 0
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	31.5		1	3.90	10.0	ug/L	11/03/25 14:03	PB170346
108-95-2	Phenol	41.9		1	0.91	5.00	ug/L	11/03/25 14:03	PB170346
111-44-4	bis(2-Chloroethyl)ether	39.3		1	0.81	5.00	ug/L	11/03/25 14:03	PB170346
95-57-8	2-Chlorophenol	42.8		1	0.58	5.00	ug/L	11/03/25 14:03	PB170346
95-48-7	2-Methylphenol	42.7		1	1.10	5.00	ug/L	11/03/25 14:03	PB170346
108-60-1	2,2-oxybis(1-Chloropropane)	39.2		1	1.30	5.00	ug/L	11/03/25 14:03	PB170346
98-86-2	Acetophenone	45.3		1	0.74	5.00	ug/L	11/03/25 14:03	PB170346
65794-96-9	3+4-Methylphenols	41.8		1	1.10	10.0	ug/L	11/03/25 14:03	PB170346
621-64-7	n-Nitroso-di-n-propylamine	40.4		1	1.40	2.50	ug/L	11/03/25 14:03	PB170346
67-72-1	Hexachloroethane	39.8		1	0.65	5.00	ug/L	11/03/25 14:03	PB170346
98-95-3	Nitrobenzene	42.1		1	0.76	5.00	ug/L	11/03/25 14:03	PB170346
78-59-1	Isophorone	41.2		1	0.75	5.00	ug/L	11/03/25 14:03	PB170346
88-75-5	2-Nitrophenol	46.6		1	1.80	5.00	ug/L	11/03/25 14:03	PB170346
105-67-9	2,4-Dimethylphenol	47.9		1	1.90	5.00	ug/L	11/03/25 14:03	PB170346
111-91-1	bis(2-Chloroethoxy)methane	41.5		1	0.68	5.00	ug/L	11/03/25 14:03	PB170346
120-83-2	2,4-Dichlorophenol	44.5		1	0.52	5.00	ug/L	11/03/25 14:03	PB170346
91-20-3	Naphthalene	40.0		1	0.50	5.00	ug/L	11/03/25 14:03	PB170346
106-47-8	4-Chloroaniline	26.1		1	0.84	5.00	ug/L	11/03/25 14:03	PB170346
87-68-3	Hexachlorobutadiene	39.5		1	0.54	5.00	ug/L	11/03/25 14:03	PB170346
105-60-2	Caprolactam	42.6		1	1.10	10.0	ug/L	11/03/25 14:03	PB170346
59-50-7	4-Chloro-3-methylphenol	45.1		1	0.59	5.00	ug/L	11/03/25 14:03	PB170346
91-57-6	2-Methylnaphthalene	36.6		1	0.56	5.00	ug/L	11/03/25 14:03	PB170346
77-47-4	Hexachlorocyclopentadiene	110	E	1	3.60	10.0	ug/L	11/03/25 14:03	PB170346
88-06-2	2,4,6-Trichlorophenol	46.0		1	0.51	5.00	ug/L	11/03/25 14:03	PB170346
95-95-4	2,4,5-Trichlorophenol	45.3		1	0.62	5.00	ug/L	11/03/25 14:03	PB170346
92-52-4	1,1-Biphenyl	45.1		1	0.53	5.00	ug/L	11/03/25 14:03	PB170346
91-58-7	2-Chloronaphthalene	40.1		1	0.61	5.00	ug/L	11/03/25 14:03	PB170346
88-74-4	2-Nitroaniline	43.1		1	1.30	5.00	ug/L	11/03/25 14:03	PB170346
131-11-3	Dimethylphthalate	42.3		1	0.61	5.00	ug/L	11/03/25 14:03	PB170346
208-96-8	Acenaphthylene	47.6		1	0.75	5.00	ug/L	11/03/25 14:03	PB170346
606-20-2	2,6-Dinitrotoluene	46.9		1	0.92	5.00	ug/L	11/03/25 14:03	PB170346
99-09-2	3-Nitroaniline	33.5		1	1.10	5.00	ug/L	11/03/25 14:03	PB170346
83-32-9	Acenaphthene	44.6		1	0.55	5.00	ug/L	11/03/25 14:03	PB170346
51-28-5	2,4-Dinitrophenol	89.4	E	1	6.00	10.0	ug/L	11/03/25 14:03	PB170346
100-02-7	4-Nitrophenol	86.1	E	1	2.40	10.0	ug/L	11/03/25 14:03	PB170346
132-64-9	Dibenzofuran	41.0		1	0.61	5.00	ug/L	11/03/25 14:03	PB170346
121-14-2	2,4-Dinitrotoluene	45.6		1	1.20	5.00	ug/L	11/03/25 14:03	PB170346
84-66-2	Diethylphthalate	42.3		1	0.69	5.00	ug/L	11/03/25 14:03	PB170346
7005-72-3	4-Chlorophenyl-phenylether	40.1		1	0.68	5.00	ug/L	11/03/25 14:03	PB170346
86-73-7	Fluorene	41.1		1	0.63	5.00	ug/L	11/03/25 14:03	PB170346
100-01-6	4-Nitroaniline	46.1		1	1.50	5.00	ug/L	11/03/25 14:03	PB170346
534-52-1	4,6-Dinitro-2-methylphenol	50.3		1	2.90	10.0	ug/L	11/03/25 14:03	PB170346

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Project: Maclearie Park

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Analytical Method: 8270E Level: LOW

Sample Wt/Vol: 1000 mL Final Vol: 1000 uL

Prep Method : 3510C Prep Date: 10/31/25

Date Collected:

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SDG No.: Q3495

Matrix: Water

% Solid: 0

Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	43.5		1	0.58	5.00	ug/L	11/03/25 14:03	PB170346
101-55-3	4-Bromophenyl-phenylether	42.6		1	0.40	5.00	ug/L	11/03/25 14:03	PB170346
118-74-1	Hexachlorobenzene	41.5		1	0.52	5.00	ug/L	11/03/25 14:03	PB170346
1912-24-9	Atrazine	46.3		1	1.00	5.00	ug/L	11/03/25 14:03	PB170346
87-86-5	Pentachlorophenol	90.1	E	1	1.60	10.0	ug/L	11/03/25 14:03	PB170346
85-01-8	Phenanthrene	41.4		1	0.50	5.00	ug/L	11/03/25 14:03	PB170346
120-12-7	Anthracene	42.7		1	0.61	5.00	ug/L	11/03/25 14:03	PB170346
86-74-8	Carbazole	43.3		1	0.72	5.00	ug/L	11/03/25 14:03	PB170346
84-74-2	Di-n-butylphthalate	44.2		1	1.20	5.00	ug/L	11/03/25 14:03	PB170346
206-44-0	Fluoranthene	41.4		1	0.82	5.00	ug/L	11/03/25 14:03	PB170346
129-00-0	Pyrene	42.2		1	0.50	5.00	ug/L	11/03/25 14:03	PB170346
85-68-7	Butylbenzylphthalate	45.0		1	1.90	5.00	ug/L	11/03/25 14:03	PB170346
91-94-1	3,3-Dichlorobenzidine	33.1		1	0.93	10.0	ug/L	11/03/25 14:03	PB170346
56-55-3	Benzo(a)anthracene	42.1		1	0.45	5.00	ug/L	11/03/25 14:03	PB170346
218-01-9	Chrysene	41.3		1	0.44	5.00	ug/L	11/03/25 14:03	PB170346
117-81-7	Bis(2-ethylhexyl)phthalate	42.6		1	1.60	5.00	ug/L	11/03/25 14:03	PB170346
117-84-0	Di-n-octyl phthalate	48.0		1	2.30	10.0	ug/L	11/03/25 14:03	PB170346
205-99-2	Benzo(b)fluoranthene	43.6		1	0.49	5.00	ug/L	11/03/25 14:03	PB170346
207-08-9	Benzo(k)fluoranthene	43.6		1	0.48	5.00	ug/L	11/03/25 14:03	PB170346
50-32-8	Benzo(a)pyrene	45.8		1	0.55	5.00	ug/L	11/03/25 14:03	PB170346
193-39-5	Indeno(1,2,3-cd)pyrene	44.0		1	0.59	5.00	ug/L	11/03/25 14:03	PB170346
53-70-3	Dibenzo(a,h)anthracene	44.6		1	0.67	5.00	ug/L	11/03/25 14:03	PB170346
191-24-2	Benzo(g,h,i)perylene	45.2		1	0.69	5.00	ug/L	11/03/25 14:03	PB170346
95-94-3	1,2,4,5-Tetrachlorobenzene	43.1		1	0.52	5.00	ug/L	11/03/25 14:03	PB170346
123-91-1	1,4-Dioxane	33.2		1	1.00	5.00	ug/L	11/03/25 14:03	PB170346
58-90-2	2,3,4,6-Tetrachlorophenol	48.6		1	0.72	5.00	ug/L	11/03/25 14:03	PB170346

SURROGATES

367-12-4	2-Fluorophenol	119		23 - 138	79%	SPK: 150
13127-88-3	Phenol-d6	118		10 - 134	79%	SPK: 150
4165-60-0	Nitrobenzene-d5	79.6		67 - 132	80%	SPK: 100
321-60-8	2-Fluorobiphenyl	74.9		52 - 132	75%	SPK: 100
118-79-6	2,4,6-Tribromophenol	123		44 - 137	82%	SPK: 150
1718-51-0	Terphenyl-d14	77.6		42 - 152	78%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	413000
1146-65-2	Naphthalene-d8	1640000
15067-26-2	Acenaphthene-d10	1030000
1517-22-2	Phenanthrene-d10	2030000
1719-03-5	Chrysene-d12	2080000
1520-96-3	Perylene-d12	2250000

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Project:	Maclearie Park		Date Received:	
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Lab Sample ID:	PB170346BS		Matrix:	Water
Analytical Method:	8270E	Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date: 10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
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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