

Report of Analysis

Client:	Ardmore Chemical		Date Collected:		
Project:	PVSC Monthly 2025		Date Received:		
Client Sample ID:	PB167672BS		SDG No.:	Q1833	
Lab Sample ID:	PB167672BS		Matrix:	Water	
Analytical Method:	625.1		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142211.D	1	04/21/25 08:55	04/22/25 14:44	PB167672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	44.2		0.86	10.0	ug/L
108-95-2	Phenol	45.9		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	43.7		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	46.4		0.58	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	45.4		1.30	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	45.5		1.40	5.00	ug/L
67-72-1	Hexachloroethane	46.7		0.65	5.00	ug/L
98-95-3	Nitrobenzene	44.4		0.76	5.00	ug/L
78-59-1	Isophorone	47.1		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	48.0		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	60.7		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	44.7		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	43.3		0.52	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	42.8		0.54	5.00	ug/L
91-20-3	Naphthalene	42.8		0.50	5.00	ug/L
87-68-3	Hexachlorobutadiene	42.9		0.54	5.00	ug/L
59-50-7	4-Chloro-3-methylphenol	44.4		0.59	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	190	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	46.2		0.51	5.00	ug/L
91-58-7	2-Chloronaphthalene	44.3		0.61	5.00	ug/L
131-11-3	Dimethylphthalate	44.8		0.61	5.00	ug/L
208-96-8	Acenaphthylene	47.1		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	45.2		0.92	5.00	ug/L
83-32-9	Acenaphthene	49.0		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	110	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	91.9	E	2.40	10.0	ug/L
121-14-2	2,4-Dinitrotoluene	48.6		1.20	5.00	ug/L
84-66-2	Diethylphthalate	45.5		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	43.6		0.68	5.00	ug/L

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86-73-7	Fluorene	44.5		0.63	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	52.0		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	45.3		0.58	5.00	ug/L
103-33-3	Azobenzene	44.5		0.81	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	43.5		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	43.3		0.52	5.00	ug/L
87-86-5	Pentachlorophenol	88.8	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	45.4		0.50	5.00	ug/L
120-12-7	Anthracene	46.4		0.61	5.00	ug/L
84-74-2	Di-n-butylphthalate	47.1		1.20	5.00	ug/L
206-44-0	Fluoranthene	42.3		0.82	5.00	ug/L
92-87-5	Benzidine	55.6		4.30	10.0	ug/L
129-00-0	Pyrene	46.6		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	55.6		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	18.1		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	47.7		0.45	5.00	ug/L
218-01-9	Chrysene	41.8		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	54.1		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	56.1		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	46.0		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	40.8		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	48.3		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	47.1		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	47.0		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	44.3		0.69	5.00	ug/L

SURROGATES

367-12-4	2-Fluorophenol	85.8	60 - 140	86%	SPK: 100
13127-88-3	Phenol-d6	84.3	60 - 140	84%	SPK: 100
4165-60-0	Nitrobenzene-d5	86.9	60 - 140	87%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.6	60 - 140	85%	SPK: 100

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118-79-6	2,4,6-Tribromophenol	85.1		60 - 140	85%	SPK: 100
1718-51-0	Terphenyl-d14	90.6		60 - 140	91%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	455000	6.869
1146-65-2	Naphthalene-d8	1780000	8.151
15067-26-2	Acenaphthene-d10	987000	9.904
1517-22-2	Phenanthrene-d10	1680000	11.392
1719-03-5	Chrysene-d12	970000	14.033
1520-96-3	Perylene-d12	1150000	15.51

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