

Report of Analysis

Client:	Ardmore Chemical		Date Collected:		
Project:	PVSC Monthly 2025		Date Received:		
Client Sample ID:	PB168019BSD		SDG No.:	Q2006	
Lab Sample ID:	PB168019BSD		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
BP024654.D	1	05/15/25 08:55	05/16/25 12:52	PB168019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	39.7		0.86	10.0	ug/L
108-95-2	Phenol	44.3		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	39.5		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	44.3		0.58	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	38.8		1.30	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	37.4		1.40	5.00	ug/L
67-72-1	Hexachloroethane	40.3		0.65	5.00	ug/L
98-95-3	Nitrobenzene	42.4		0.76	5.00	ug/L
78-59-1	Isophorone	40.5		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	46.9		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	45.3		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	41.1		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	46.4		0.52	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	43.0		0.54	5.00	ug/L
91-20-3	Naphthalene	42.5		0.50	5.00	ug/L
87-68-3	Hexachlorobutadiene	42.3		0.54	5.00	ug/L
59-50-7	4-Chloro-3-methylphenol	43.9		0.59	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	100	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	48.3		0.51	5.00	ug/L
91-58-7	2-Chloronaphthalene	44.2		0.61	5.00	ug/L
131-11-3	Dimethylphthalate	43.3		0.61	5.00	ug/L
208-96-8	Acenaphthylene	43.0		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	44.9		0.92	5.00	ug/L
83-32-9	Acenaphthene	42.7		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	93.3	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	91.0	E	2.40	10.0	ug/L
121-14-2	2,4-Dinitrotoluene	46.9		1.20	5.00	ug/L
84-66-2	Diethylphthalate	43.8		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	44.1		0.68	5.00	ug/L

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86-73-7	Fluorene	44.1		0.63	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	48.6		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	44.6		0.58	5.00	ug/L
103-33-3	Azobenzene	43.7		0.81	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	44.3		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	43.5		0.52	5.00	ug/L
87-86-5	Pentachlorophenol	100	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	43.9		0.50	5.00	ug/L
120-12-7	Anthracene	44.1		0.61	5.00	ug/L
84-74-2	Di-n-butylphthalate	46.9		1.20	5.00	ug/L
206-44-0	Fluoranthene	45.8		0.82	5.00	ug/L
92-87-5	Benzidine	49.9		4.30	10.0	ug/L
129-00-0	Pyrene	44.7		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	48.5		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	33.2		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	45.2		0.45	5.00	ug/L
218-01-9	Chrysene	44.7		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	47.6		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	49.9		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	45.6		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	44.3		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	45.9		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	45.9		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	46.6		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	45.7		0.69	5.00	ug/L

SURROGATES

367-12-4	2-Fluorophenol	87.0		60 - 140	87%	SPK: 100
13127-88-3	Phenol-d6	84.0		60 - 140	84%	SPK: 100
4165-60-0	Nitrobenzene-d5	75.1		60 - 140	75%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.6		60 - 140	77%	SPK: 100

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118-79-6	2,4,6-Tribromophenol	86.6		60 - 140	87%	SPK: 100
1718-51-0	Terphenyl-d14	78.4		60 - 140	78%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	148000	7.663
1146-65-2	Naphthalene-d8	580000	10.428
15067-26-2	Acenaphthene-d10	357000	14.292
1517-22-2	Phenanthrene-d10	726000	17.098
1719-03-5	Chrysene-d12	845000	21.521
1520-96-3	Perylene-d12	973000	24.809

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