

Report of Analysis

Client:	Ardmore Chemical		Date Collected:		
Project:	PVSC Monthly 2025		Date Received:		
Client Sample ID:	PB166033BS		SDG No.:	Q1066	
Lab Sample ID:	PB166033BS		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
BF141182.D	1	01/13/25 08:22	01/16/25 13:48	PB166033

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	49.2		1.00	10.0	ug/L
108-95-2	Phenol	50.1		0.93	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	50.3		1.20	5.00	ug/L
95-57-8	2-Chlorophenol	52.0		0.71	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	50.8		1.40	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	52.0		1.50	5.00	ug/L
67-72-1	Hexachloroethane	49.8		1.00	5.00	ug/L
98-95-3	Nitrobenzene	47.4		1.30	5.00	ug/L
78-59-1	Isophorone	52.7		1.10	5.00	ug/L
88-75-5	2-Nitrophenol	52.3		2.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	61.5		1.50	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	50.0		1.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	51.9		0.88	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	47.7		1.10	5.00	ug/L
91-20-3	Naphthalene	48.9		1.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	48.6		1.30	5.00	ug/L
59-50-7	4-Chloro-3-methylphenol	52.1		0.84	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	200	E	5.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	53.2		0.89	5.00	ug/L
91-58-7	2-Chloronaphthalene	47.4		0.97	5.00	ug/L
131-11-3	Dimethylphthalate	51.5		0.93	5.00	ug/L
208-96-8	Acenaphthylene	52.6		1.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	49.6		1.20	5.00	ug/L
83-32-9	Acenaphthene	55.9		0.81	5.00	ug/L
51-28-5	2,4-Dinitrophenol	120	E	6.40	10.0	ug/L
100-02-7	4-Nitrophenol	110	E	2.00	10.0	ug/L
121-14-2	2,4-Dinitrotoluene	52.8		1.50	5.00	ug/L
84-66-2	Diethylphthalate	51.9		1.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	50.2		0.98	5.00	ug/L

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86-73-7	Fluorene	49.7		0.96	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	59.5		3.10	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	52.0		0.89	5.00	ug/L
103-33-3	Azobenzene	50.4		1.20	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	52.8		0.95	5.00	ug/L
118-74-1	Hexachlorobenzene	52.2		1.10	5.00	ug/L
87-86-5	Pentachlorophenol	100	E	1.90	10.0	ug/L
85-01-8	Phenanthrene	53.1		0.89	5.00	ug/L
120-12-7	Anthracene	55.0		1.10	5.00	ug/L
84-74-2	Di-n-butylphthalate	55.8		1.50	5.00	ug/L
206-44-0	Fluoranthene	54.6		1.30	5.00	ug/L
92-87-5	Benzidine	59.2		4.10	10.0	ug/L
129-00-0	Pyrene	45.4		1.10	5.00	ug/L
85-68-7	Butylbenzylphthalate	54.3		2.10	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	28.1		1.30	10.0	ug/L
56-55-3	Benzo(a)anthracene	50.5		0.94	5.00	ug/L
218-01-9	Chrysene	47.8		0.86	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	57.8		1.90	5.00	ug/L
117-84-0	Di-n-octyl phthalate	60.1		2.50	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	53.2		1.10	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	54.0		1.20	5.00	ug/L
50-32-8	Benzo(a)pyrene	56.0		1.70	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	50.5		1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	50.5		1.20	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	44.9		1.20	5.00	ug/L

SURROGATES

367-12-4	2-Fluorophenol	93.9		60 - 140	94%	SPK: 100
13127-88-3	Phenol-d6	93.8		60 - 140	94%	SPK: 100
4165-60-0	Nitrobenzene-d5	95.0		60 - 140	95%	SPK: 100
321-60-8	2-Fluorobiphenyl	93.4		60 - 140	93%	SPK: 100

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118-79-6	2,4,6-Tribromophenol	102		60 - 140	102%	SPK: 100
1718-51-0	Terphenyl-d14	91.0		60 - 140	91%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	146000	6.816
1146-65-2	Naphthalene-d8	588000	8.098
15067-26-2	Acenaphthene-d10	322000	9.857
1517-22-2	Phenanthrene-d10	551000	11.345
1719-03-5	Chrysene-d12	382000	13.986
1520-96-3	Perylene-d12	338000	15.451

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