

Report of Analysis

Client:	Ardmore Chemical		Date Collected:	
Project:	PVSC Monthly 2025		Date Received:	
Client Sample ID:	PB170730BS		SDG No.:	Q3700
Lab Sample ID:	PB170730BS		Matrix:	Water
Analytical Method:	625.1	Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 1000 uL	Test:	SVOCMS Group1
Prep Method :	3510C	Prep Date: 11/25/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
62-75-9	n-Nitrosodimethylamine	42.6		1	0.86	10.0	ug/L	11/25/25 14:54	PB170730
108-95-2	Phenol	41.6		1	0.91	5.00	ug/L	11/25/25 14:54	PB170730
111-44-4	bis(2-Chloroethyl)ether	44.6		1	0.81	5.00	ug/L	11/25/25 14:54	PB170730
95-57-8	2-Chlorophenol	44.3		1	0.58	5.00	ug/L	11/25/25 14:54	PB170730
108-60-1	2,2-oxybis(1-Chloropropane)	46.0		1	1.30	5.00	ug/L	11/25/25 14:54	PB170730
621-64-7	n-Nitroso-di-n-propylamine	41.4		1	1.40	5.00	ug/L	11/25/25 14:54	PB170730
67-72-1	Hexachloroethane	41.6		1	0.65	5.00	ug/L	11/25/25 14:54	PB170730
98-95-3	Nitrobenzene	43.3		1	0.76	5.00	ug/L	11/25/25 14:54	PB170730
78-59-1	Isophorone	44.5		1	0.75	5.00	ug/L	11/25/25 14:54	PB170730
88-75-5	2-Nitrophenol	45.8		1	1.80	5.00	ug/L	11/25/25 14:54	PB170730
105-67-9	2,4-Dimethylphenol	48.7		1	1.90	5.00	ug/L	11/25/25 14:54	PB170730
111-91-1	bis(2-Chloroethoxy)methane	44.5		1	0.68	5.00	ug/L	11/25/25 14:54	PB170730
120-83-2	2,4-Dichlorophenol	41.8		1	0.52	5.00	ug/L	11/25/25 14:54	PB170730
120-82-1	1,2,4-Trichlorobenzene	43.2		1	0.54	5.00	ug/L	11/25/25 14:54	PB170730
91-20-3	Naphthalene	43.0		1	0.50	5.00	ug/L	11/25/25 14:54	PB170730
87-68-3	Hexachlorobutadiene	40.1		1	0.54	5.00	ug/L	11/25/25 14:54	PB170730
59-50-7	4-Chloro-3-methylphenol	40.9		1	0.59	5.00	ug/L	11/25/25 14:54	PB170730
77-47-4	Hexachlorocyclopentadiene	83.9	E	1	3.60	10.0	ug/L	11/25/25 14:54	PB170730
88-06-2	2,4,6-Trichlorophenol	45.1		1	0.51	5.00	ug/L	11/25/25 14:54	PB170730
91-58-7	2-Chloronaphthalene	47.0		1	0.61	5.00	ug/L	11/25/25 14:54	PB170730
131-11-3	Dimethylphthalate	46.0		1	0.61	5.00	ug/L	11/25/25 14:54	PB170730
208-96-8	Acenaphthylene	48.7		1	0.75	5.00	ug/L	11/25/25 14:54	PB170730
606-20-2	2,6-Dinitrotoluene	49.6		1	0.92	5.00	ug/L	11/25/25 14:54	PB170730
83-32-9	Acenaphthene	43.0		1	0.55	5.00	ug/L	11/25/25 14:54	PB170730
51-28-5	2,4-Dinitrophenol	90.3	E	1	6.00	10.0	ug/L	11/25/25 14:54	PB170730
100-02-7	4-Nitrophenol	81.0	E	1	2.40	10.0	ug/L	11/25/25 14:54	PB170730
121-14-2	2,4-Dinitrotoluene	46.2		1	1.20	5.00	ug/L	11/25/25 14:54	PB170730
84-66-2	Diethylphthalate	44.7		1	0.69	5.00	ug/L	11/25/25 14:54	PB170730
7005-72-3	4-Chlorophenyl-phenylether	43.8		1	0.68	5.00	ug/L	11/25/25 14:54	PB170730
86-73-7	Fluorene	46.1		1	0.63	5.00	ug/L	11/25/25 14:54	PB170730
534-52-1	4,6-Dinitro-2-methylphenol	42.1		1	2.90	10.0	ug/L	11/25/25 14:54	PB170730
86-30-6	n-Nitrosodiphenylamine	44.3		1	0.58	5.00	ug/L	11/25/25 14:54	PB170730
103-33-3	Azobenzene	45.7		1	0.81	5.00	ug/L	11/25/25 14:54	PB170730
101-55-3	4-Bromophenyl-phenylether	41.8		1	0.40	5.00	ug/L	11/25/25 14:54	PB170730
118-74-1	Hexachlorobenzene	42.2		1	0.52	5.00	ug/L	11/25/25 14:54	PB170730
87-86-5	Pentachlorophenol	73.7		1	1.60	10.0	ug/L	11/25/25 14:54	PB170730
85-01-8	Phenanthrene	43.8		1	0.50	5.00	ug/L	11/25/25 14:54	PB170730
120-12-7	Anthracene	42.2		1	0.61	5.00	ug/L	11/25/25 14:54	PB170730
84-74-2	Di-n-butylphthalate	42.6		1	1.20	5.00	ug/L	11/25/25 14:54	PB170730
206-44-0	Fluoranthene	43.2		1	0.82	5.00	ug/L	11/25/25 14:54	PB170730
92-87-5	Benzidine	8.90	J	1	4.30	10.0	ug/L	11/25/25 14:54	PB170730
129-00-0	Pyrene	41.9		1	0.50	5.00	ug/L	11/25/25 14:54	PB170730

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Sample Wt/Vol:	1000 mL	Final Vol: 1000 uL	Test:	SVOCMS Group1
Prep Method :	3510C	Prep Date: 11/25/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
85-68-7	Butylbenzylphthalate	46.4		1	1.90	5.00	ug/L	11/25/25 14:54	PB170730
91-94-1	3,3-Dichlorobenzidine	46.2		1	0.93	10.0	ug/L	11/25/25 14:54	PB170730
56-55-3	Benzo(a)anthracene	49.6		1	0.45	5.00	ug/L	11/25/25 14:54	PB170730
218-01-9	Chrysene	46.4		1	0.44	5.00	ug/L	11/25/25 14:54	PB170730
117-81-7	Bis(2-ethylhexyl)phthalate	48.1		1	1.60	5.00	ug/L	11/25/25 14:54	PB170730
117-84-0	Di-n-octyl phthalate	51.0		1	2.30	10.0	ug/L	11/25/25 14:54	PB170730
205-99-2	Benzo(b)fluoranthene	56.7		1	0.49	5.00	ug/L	11/25/25 14:54	PB170730
207-08-9	Benzo(k)fluoranthene	46.8		1	0.48	5.00	ug/L	11/25/25 14:54	PB170730
50-32-8	Benzo(a)pyrene	48.8		1	0.55	5.00	ug/L	11/25/25 14:54	PB170730
193-39-5	Indeno(1,2,3-cd)pyrene	48.3		1	0.59	5.00	ug/L	11/25/25 14:54	PB170730
53-70-3	Dibenzo(a,h)anthracene	49.8		1	0.67	5.00	ug/L	11/25/25 14:54	PB170730
191-24-2	Benzo(g,h,i)perylene	50.7		1	0.69	5.00	ug/L	11/25/25 14:54	PB170730

SURROGATES

367-12-4	2-Fluorophenol	88.4			60 - 140	88%	SPK: 100
13127-88-3	Phenol-d6	88.6			60 - 140	89%	SPK: 100
4165-60-0	Nitrobenzene-d5	86.0			60 - 140	86%	SPK: 100
321-60-8	2-Fluorobiphenyl	90.3			60 - 140	90%	SPK: 100
118-79-6	2,4,6-Tribromophenol	81.2			60 - 140	81%	SPK: 100
1718-51-0	Terphenyl-d14	83.5			60 - 140	84%	SPK: 100

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
3855-82-1	1,4-Dichlorobenzene-d4	61800
1146-65-2	Naphthalene-d8	233000
15067-26-2	Acenaphthene-d10	114000
1517-22-2	Phenanthrene-d10	199000
1719-03-5	Chrysene-d12	133000
1520-96-3	Perylene-d12	167000

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