

Report of Analysis

Client: Ardmore Chemical
Project: PVSC Monthly 2025
Client Sample ID: PB170210BS
Lab Sample ID: PB170210BS
Analytical Method: 625.1 Level : LOW
Sample Wt/Vol: 1000 mL Final Vol: 1000 uL
Prep Method : 3510C Prep Date: 10/22/25

Date Collected:
Date Received:
SDG No.: Q3385
Matrix: Water
% Solid: 0
Test: SVOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
62-75-9	n-Nitrosodimethylamine	43.5		1	0.86	10.0	ug/L	10/27/25 11:56	PB170210
108-95-2	Phenol	43.2		1	0.91	5.00	ug/L	10/27/25 11:56	PB170210
111-44-4	bis(2-Chloroethyl)ether	46.9		1	0.81	5.00	ug/L	10/27/25 11:56	PB170210
95-57-8	2-Chlorophenol	44.1		1	0.58	5.00	ug/L	10/27/25 11:56	PB170210
108-60-1	2,2-oxybis(1-Chloropropane)	45.4		1	1.30	5.00	ug/L	10/27/25 11:56	PB170210
621-64-7	n-Nitroso-di-n-propylamine	49.9		1	1.40	5.00	ug/L	10/27/25 11:56	PB170210
67-72-1	Hexachloroethane	43.3		1	0.65	5.00	ug/L	10/27/25 11:56	PB170210
98-95-3	Nitrobenzene	44.1		1	0.76	5.00	ug/L	10/27/25 11:56	PB170210
78-59-1	Isophorone	47.4		1	0.75	5.00	ug/L	10/27/25 11:56	PB170210
88-75-5	2-Nitrophenol	43.9		1	1.80	5.00	ug/L	10/27/25 11:56	PB170210
105-67-9	2,4-Dimethylphenol	49.5		1	1.90	5.00	ug/L	10/27/25 11:56	PB170210
111-91-1	bis(2-Chloroethoxy)methane	45.5		1	0.68	5.00	ug/L	10/27/25 11:56	PB170210
120-83-2	2,4-Dichlorophenol	43.8		1	0.52	5.00	ug/L	10/27/25 11:56	PB170210
120-82-1	1,2,4-Trichlorobenzene	46.7		1	0.54	5.00	ug/L	10/27/25 11:56	PB170210
91-20-3	Naphthalene	43.1		1	0.50	5.00	ug/L	10/27/25 11:56	PB170210
87-68-3	Hexachlorobutadiene	41.2		1	0.54	5.00	ug/L	10/27/25 11:56	PB170210
59-50-7	4-Chloro-3-methylphenol	47.5		1	0.59	5.00	ug/L	10/27/25 11:56	PB170210
77-47-4	Hexachlorocyclopentadiene	140	E	1	3.60	10.0	ug/L	10/27/25 11:56	PB170210
88-06-2	2,4,6-Trichlorophenol	46.5		1	0.51	5.00	ug/L	10/27/25 11:56	PB170210
91-58-7	2-Chloronaphthalene	44.6		1	0.61	5.00	ug/L	10/27/25 11:56	PB170210
131-11-3	Dimethylphthalate	47.8		1	0.61	5.00	ug/L	10/27/25 11:56	PB170210
208-96-8	Acenaphthylene	46.1		1	0.75	5.00	ug/L	10/27/25 11:56	PB170210
606-20-2	2,6-Dinitrotoluene	52.6		1	0.92	5.00	ug/L	10/27/25 11:56	PB170210
83-32-9	Acenaphthene	42.1		1	0.55	5.00	ug/L	10/27/25 11:56	PB170210
51-28-5	2,4-Dinitrophenol	120	E	1	6.00	10.0	ug/L	10/27/25 11:56	PB170210
100-02-7	4-Nitrophenol	96.7	E	1	2.40	10.0	ug/L	10/27/25 11:56	PB170210
121-14-2	2,4-Dinitrotoluene	50.7		1	1.20	5.00	ug/L	10/27/25 11:56	PB170210
84-66-2	Diethylphthalate	47.3		1	0.69	5.00	ug/L	10/27/25 11:56	PB170210
7005-72-3	4-Chlorophenyl-phenylether	47.3		1	0.68	5.00	ug/L	10/27/25 11:56	PB170210
86-73-7	Fluorene	45.1		1	0.63	5.00	ug/L	10/27/25 11:56	PB170210
534-52-1	4,6-Dinitro-2-methylphenol	45.9		1	2.90	10.0	ug/L	10/27/25 11:56	PB170210
86-30-6	n-Nitrosodiphenylamine	43.5		1	0.58	5.00	ug/L	10/27/25 11:56	PB170210
103-33-3	Azobenzene	47.3		1	0.81	5.00	ug/L	10/27/25 11:56	PB170210
101-55-3	4-Bromophenyl-phenylether	45.4		1	0.40	5.00	ug/L	10/27/25 11:56	PB170210
118-74-1	Hexachlorobenzene	43.6		1	0.52	5.00	ug/L	10/27/25 11:56	PB170210
87-86-5	Pentachlorophenol	90.1	E	1	1.60	10.0	ug/L	10/27/25 11:56	PB170210
85-01-8	Phenanthrene	42.9		1	0.50	5.00	ug/L	10/27/25 11:56	PB170210
120-12-7	Anthracene	41.3		1	0.61	5.00	ug/L	10/27/25 11:56	PB170210
84-74-2	Di-n-butylphthalate	41.9		1	1.20	5.00	ug/L	10/27/25 11:56	PB170210
206-44-0	Fluoranthene	39.5		1	0.82	5.00	ug/L	10/27/25 11:56	PB170210
92-87-5	Benzidine	8.20	J	1	4.30	10.0	ug/L	10/27/25 11:56	PB170210
129-00-0	Pyrene	56.1		1	0.50	5.00	ug/L	10/27/25 11:56	PB170210

Report of Analysis

Client:	Ardmore Chemical		Date Collected:	
Project:	PVSC Monthly 2025		Date Received:	
Client Sample ID:	PB170210BS		SDG No.:	Q3385
Lab Sample ID:	PB170210BS		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: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
85-68-7	Butylbenzylphthalate	50.4		1	1.90	5.00	ug/L	10/27/25 11:56	PB170210
91-94-1	3,3-Dichlorobenzidine	44.1		1	0.93	10.0	ug/L	10/27/25 11:56	PB170210
56-55-3	Benzo(a)anthracene	48.4		1	0.45	5.00	ug/L	10/27/25 11:56	PB170210
218-01-9	Chrysene	46.7		1	0.44	5.00	ug/L	10/27/25 11:56	PB170210
117-81-7	Bis(2-ethylhexyl)phthalate	46.4		1	1.60	5.00	ug/L	10/27/25 11:56	PB170210
117-84-0	Di-n-octyl phthalate	46.7		1	2.30	10.0	ug/L	10/27/25 11:56	PB170210
205-99-2	Benzo(b)fluoranthene	56.6		1	0.49	5.00	ug/L	10/27/25 11:56	PB170210
207-08-9	Benzo(k)fluoranthene	46.2		1	0.48	5.00	ug/L	10/27/25 11:56	PB170210
50-32-8	Benzo(a)pyrene	49.8		1	0.55	5.00	ug/L	10/27/25 11:56	PB170210
193-39-5	Indeno(1,2,3-cd)pyrene	51.1		1	0.59	5.00	ug/L	10/27/25 11:56	PB170210
53-70-3	Dibenzo(a,h)anthracene	53.6		1	0.67	5.00	ug/L	10/27/25 11:56	PB170210
191-24-2	Benzo(g,h,i)perylene	55.1		1	0.69	5.00	ug/L	10/27/25 11:56	PB170210

SURROGATES

367-12-4	2-Fluorophenol	88.3			60 - 140	88%	SPK: 100
13127-88-3	Phenol-d6	92.6			60 - 140	93%	SPK: 100
4165-60-0	Nitrobenzene-d5	86.6			60 - 140	87%	SPK: 100
321-60-8	2-Fluorobiphenyl	86.1			60 - 140	86%	SPK: 100
118-79-6	2,4,6-Tribromophenol	98.2			60 - 140	98%	SPK: 100
1718-51-0	Terphenyl-d14	115			60 - 140	115%	SPK: 100

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
3855-82-1	1,4-Dichlorobenzene-d4	69600
1146-65-2	Naphthalene-d8	271000
15067-26-2	Acenaphthene-d10	146000
1517-22-2	Phenanthrene-d10	271000
1719-03-5	Chrysene-d12	146000
1520-96-3	Perylene-d12	180000

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