

Report of Analysis

Client: Ardmore Chemical
Project: PVSC Monthly 2025
Client Sample ID: EFF-WWMS
Lab Sample ID: Q3385-05MS
Analytical Method: 625.1 Level : LOW
Sample Wt/Vol: 990 mL Final Vol: 1000 uL
Prep Method : 3510C Prep Date: 10/22/25

Date Collected: 10/17/25
Date Received: 10/17/25
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	29.0		1	0.87	10.1	ug/L	10/27/25 13:34	PB170210
108-95-2	Phenol	21.3		1	0.92	5.10	ug/L	10/27/25 13:34	PB170210
111-44-4	bis(2-Chloroethyl)ether	45.0		1	0.82	5.10	ug/L	10/27/25 13:34	PB170210
95-57-8	2-Chlorophenol	39.5		1	0.59	5.10	ug/L	10/27/25 13:34	PB170210
108-60-1	2,2-oxybis(1-Chloropropane)	42.9		1	1.30	5.10	ug/L	10/27/25 13:34	PB170210
621-64-7	n-Nitroso-di-n-propylamine	46.3		1	1.40	5.10	ug/L	10/27/25 13:34	PB170210
67-72-1	Hexachloroethane	36.9		1	0.66	5.10	ug/L	10/27/25 13:34	PB170210
98-95-3	Nitrobenzene	46.0		1	0.77	5.10	ug/L	10/27/25 13:34	PB170210
78-59-1	Isophorone	47.6		1	0.76	5.10	ug/L	10/27/25 13:34	PB170210
88-75-5	2-Nitrophenol	45.5		1	1.80	5.10	ug/L	10/27/25 13:34	PB170210
105-67-9	2,4-Dimethylphenol	48.0		1	1.90	5.10	ug/L	10/27/25 13:34	PB170210
111-91-1	bis(2-Chloroethoxy)methane	46.5		1	0.69	5.10	ug/L	10/27/25 13:34	PB170210
120-83-2	2,4-Dichlorophenol	42.8		1	0.53	5.10	ug/L	10/27/25 13:34	PB170210
120-82-1	1,2,4-Trichlorobenzene	43.8		1	0.55	5.10	ug/L	10/27/25 13:34	PB170210
91-20-3	Naphthalene	43.5		1	0.51	5.10	ug/L	10/27/25 13:34	PB170210
87-68-3	Hexachlorobutadiene	40.6		1	0.55	5.10	ug/L	10/27/25 13:34	PB170210
59-50-7	4-Chloro-3-methylphenol	42.6		1	0.60	5.10	ug/L	10/27/25 13:34	PB170210
77-47-4	Hexachlorocyclopentadiene	130	E	1	3.70	10.1	ug/L	10/27/25 13:34	PB170210
88-06-2	2,4,6-Trichlorophenol	48.2		1	0.52	5.10	ug/L	10/27/25 13:34	PB170210
91-58-7	2-Chloronaphthalene	48.1		1	0.62	5.10	ug/L	10/27/25 13:34	PB170210
131-11-3	Dimethylphthalate	49.0		1	0.62	5.10	ug/L	10/27/25 13:34	PB170210
208-96-8	Acenaphthylene	53.1		1	0.76	5.10	ug/L	10/27/25 13:34	PB170210
606-20-2	2,6-Dinitrotoluene	52.2		1	0.93	5.10	ug/L	10/27/25 13:34	PB170210
83-32-9	Acenaphthene	49.5		1	0.56	5.10	ug/L	10/27/25 13:34	PB170210
51-28-5	2,4-Dinitrophenol	88.6	E	1	6.00	10.1	ug/L	10/27/25 13:34	PB170210
100-02-7	4-Nitrophenol	45.4		1	2.40	10.1	ug/L	10/27/25 13:34	PB170210
121-14-2	2,4-Dinitrotoluene	52.1		1	1.20	5.10	ug/L	10/27/25 13:34	PB170210
84-66-2	Diethylphthalate	47.5		1	0.70	5.10	ug/L	10/27/25 13:34	PB170210
7005-72-3	4-Chlorophenyl-phenylether	46.7		1	0.69	5.10	ug/L	10/27/25 13:34	PB170210
86-73-7	Fluorene	47.4		1	0.64	5.10	ug/L	10/27/25 13:34	PB170210
534-52-1	4,6-Dinitro-2-methylphenol	48.6		1	2.90	10.1	ug/L	10/27/25 13:34	PB170210
86-30-6	n-Nitrosodiphenylamine	50.6		1	0.59	5.10	ug/L	10/27/25 13:34	PB170210
103-33-3	Azobenzene	49.9		1	0.82	5.10	ug/L	10/27/25 13:34	PB170210
101-55-3	4-Bromophenyl-phenylether	36.4		1	0.40	5.10	ug/L	10/27/25 13:34	PB170210
118-74-1	Hexachlorobenzene	40.8		1	0.53	5.10	ug/L	10/27/25 13:34	PB170210
87-86-5	Pentachlorophenol	95.6	E	1	1.60	10.1	ug/L	10/27/25 13:34	PB170210
85-01-8	Phenanthrene	47.3		1	0.51	5.10	ug/L	10/27/25 13:34	PB170210
120-12-7	Anthracene	47.6		1	0.62	5.10	ug/L	10/27/25 13:34	PB170210
84-74-2	Di-n-butylphthalate	46.3		1	1.20	5.10	ug/L	10/27/25 13:34	PB170210
206-44-0	Fluoranthene	47.4		1	0.83	5.10	ug/L	10/27/25 13:34	PB170210
92-87-5	Benzidine	11.8		1	4.30	10.1	ug/L	10/27/25 13:34	PB170210
129-00-0	Pyrene	31.8		1	0.51	5.10	ug/L	10/27/25 13:34	PB170210

Report of Analysis

Client:	Ardmore Chemical		Date Collected:	10/17/25
Project:	PVSC Monthly 2025		Date Received:	10/17/25
Client Sample ID:	EFF-WWMS		SDG No.:	Q3385
Lab Sample ID:	Q3385-05MS		Matrix:	Water
Analytical Method:	625.1	Level : LOW	% Solid:	0
Sample Wt/Vol:	990 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	46.8		1	1.90	5.10	ug/L	10/27/25 13:34	PB170210
91-94-1	3,3-Dichlorobenzidine	29.3		1	0.94	10.1	ug/L	10/27/25 13:34	PB170210
56-55-3	Benzo(a)anthracene	49.4		1	0.45	5.10	ug/L	10/27/25 13:34	PB170210
218-01-9	Chrysene	49.4		1	0.44	5.10	ug/L	10/27/25 13:34	PB170210
117-81-7	Bis(2-ethylhexyl)phthalate	64.6		1	1.60	5.10	ug/L	10/27/25 13:34	PB170210
117-84-0	Di-n-octyl phthalate	53.7		1	2.40	10.1	ug/L	10/27/25 13:34	PB170210
205-99-2	Benzo(b)fluoranthene	47.6		1	0.49	5.10	ug/L	10/27/25 13:34	PB170210
207-08-9	Benzo(k)fluoranthene	48.7		1	0.48	5.10	ug/L	10/27/25 13:34	PB170210
50-32-8	Benzo(a)pyrene	50.7		1	0.56	5.10	ug/L	10/27/25 13:34	PB170210
193-39-5	Indeno(1,2,3-cd)pyrene	49.3		1	0.60	5.10	ug/L	10/27/25 13:34	PB170210
53-70-3	Dibenzo(a,h)anthracene	49.4		1	0.68	5.10	ug/L	10/27/25 13:34	PB170210
191-24-2	Benzo(g,h,i)perylene	50.2		1	0.70	5.10	ug/L	10/27/25 13:34	PB170210

SURROGATES

367-12-4	2-Fluorophenol	58.5	*		60 - 140	59%	SPK: 100
13127-88-3	Phenol-d6	41.6	*		60 - 140	42%	SPK: 100
4165-60-0	Nitrobenzene-d5	93.3			60 - 140	93%	SPK: 100
321-60-8	2-Fluorobiphenyl	91.0			60 - 140	91%	SPK: 100
118-79-6	2,4,6-Tribromophenol	86.5			60 - 140	86%	SPK: 100
1718-51-0	Terphenyl-d14	84.1			60 - 140	84%	SPK: 100

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
3855-82-1	1,4-Dichlorobenzene-d4	49000
1146-65-2	Naphthalene-d8	174000
15067-26-2	Acenaphthene-d10	86500
1517-22-2	Phenanthrene-d10	138000
1719-03-5	Chrysene-d12	119000
1520-96-3	Perylene-d12	166000

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