

Report of Analysis

Client:	Ardmore Chemical		Date Collected:	11/20/25
Project:	PVSC Monthly 2025		Date Received:	11/20/25
Client Sample ID:	EFF-WWMS		SDG No.:	Q3700
Lab Sample ID:	Q3700-05MS		Matrix:	Water
Analytical Method:	625.1	Level: LOW	% Solid:	0
Sample Wt/Vol:	530 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	44.4		1	1.60	18.9	ug/L	11/25/25 16:45	PB170730
108-95-2	Phenol	39.1		1	1.70	9.40	ug/L	11/25/25 16:45	PB170730
111-44-4	bis(2-Chloroethyl)ether	70.6		1	1.50	9.40	ug/L	11/25/25 16:45	PB170730
95-57-8	2-Chlorophenol	65.1		1	1.10	9.40	ug/L	11/25/25 16:45	PB170730
108-60-1	2,2-oxybis(1-Chloropropane)	71.9		1	2.40	9.40	ug/L	11/25/25 16:45	PB170730
621-64-7	n-Nitroso-di-n-propylamine	77.8		1	2.70	9.40	ug/L	11/25/25 16:45	PB170730
67-72-1	Hexachloroethane	57.7		1	1.20	9.40	ug/L	11/25/25 16:45	PB170730
98-95-3	Nitrobenzene	74.7		1	1.40	9.40	ug/L	11/25/25 16:45	PB170730
78-59-1	Isophorone	76.9		1	1.40	9.40	ug/L	11/25/25 16:45	PB170730
88-75-5	2-Nitrophenol	79.7		1	3.30	9.40	ug/L	11/25/25 16:45	PB170730
105-67-9	2,4-Dimethylphenol	77.3		1	3.50	9.40	ug/L	11/25/25 16:45	PB170730
111-91-1	bis(2-Chloroethoxy)methane	77.6		1	1.30	9.40	ug/L	11/25/25 16:45	PB170730
120-83-2	2,4-Dichlorophenol	61.9		1	0.98	9.40	ug/L	11/25/25 16:45	PB170730
120-82-1	1,2,4-Trichlorobenzene	57.0		1	1.00	9.40	ug/L	11/25/25 16:45	PB170730
91-20-3	Naphthalene	71.9		1	0.94	9.40	ug/L	11/25/25 16:45	PB170730
87-68-3	Hexachlorobutadiene	63.4		1	1.00	9.40	ug/L	11/25/25 16:45	PB170730
59-50-7	4-Chloro-3-methylphenol	62.7		1	1.10	9.40	ug/L	11/25/25 16:45	PB170730
77-47-4	Hexachlorocyclopentadiene	89.2		1	6.80	18.9	ug/L	11/25/25 16:45	PB170730
88-06-2	2,4,6-Trichlorophenol	64.0		1	0.96	9.40	ug/L	11/25/25 16:45	PB170730
91-58-7	2-Chloronaphthalene	76.5		1	1.20	9.40	ug/L	11/25/25 16:45	PB170730
131-11-3	Dimethylphthalate	78.3		1	1.20	9.40	ug/L	11/25/25 16:45	PB170730
208-96-8	Acenaphthylene	88.1		1	1.40	9.40	ug/L	11/25/25 16:45	PB170730
606-20-2	2,6-Dinitrotoluene	82.5		1	1.70	9.40	ug/L	11/25/25 16:45	PB170730
83-32-9	Acenaphthene	69.8		1	1.00	9.40	ug/L	11/25/25 16:45	PB170730
51-28-5	2,4-Dinitrophenol	150		1	11.3	18.9	ug/L	11/25/25 16:45	PB170730
100-02-7	4-Nitrophenol	71.1		1	4.50	18.9	ug/L	11/25/25 16:45	PB170730
121-14-2	2,4-Dinitrotoluene	79.3		1	2.30	9.40	ug/L	11/25/25 16:45	PB170730
84-66-2	Diethylphthalate	74.3		1	1.30	9.40	ug/L	11/25/25 16:45	PB170730
7005-72-3	4-Chlorophenyl-phenylether	71.7		1	1.30	9.40	ug/L	11/25/25 16:45	PB170730
86-73-7	Fluorene	75.4		1	1.20	9.40	ug/L	11/25/25 16:45	PB170730
534-52-1	4,6-Dinitro-2-methylphenol	73.8		1	5.40	18.9	ug/L	11/25/25 16:45	PB170730
86-30-6	n-Nitrosodiphenylamine	84.1		1	1.10	9.40	ug/L	11/25/25 16:45	PB170730
103-33-3	Azobenzene	80.5		1	1.50	9.40	ug/L	11/25/25 16:45	PB170730
101-55-3	4-Bromophenyl-phenylether	75.0		1	0.75	9.40	ug/L	11/25/25 16:45	PB170730
118-74-1	Hexachlorobenzene	78.1		1	0.98	9.40	ug/L	11/25/25 16:45	PB170730
87-86-5	Pentachlorophenol	170	E	1	3.00	18.9	ug/L	11/25/25 16:45	PB170730
85-01-8	Phenanthrene	80.0		1	0.94	9.40	ug/L	11/25/25 16:45	PB170730
120-12-7	Anthracene	81.6		1	1.20	9.40	ug/L	11/25/25 16:45	PB170730
84-74-2	Di-n-butylphthalate	54.1		1	2.30	9.40	ug/L	11/25/25 16:45	PB170730
206-44-0	Fluoranthene	77.0		1	1.50	9.40	ug/L	11/25/25 16:45	PB170730
92-87-5	Benzidine	29.0		1	8.10	18.9	ug/L	11/25/25 16:45	PB170730
129-00-0	Pyrene	64.7		1	0.94	9.40	ug/L	11/25/25 16:45	PB170730

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Lab Sample ID:	Q3700-05MS		Matrix:	Water
Analytical Method:	625.1	Level: LOW	% Solid:	0
Sample Wt/Vol:	530 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	79.0		1	3.60	9.40	ug/L	11/25/25 16:45	PB170730
91-94-1	3,3-Dichlorobenzidine	35.4		1	1.80	18.9	ug/L	11/25/25 16:45	PB170730
56-55-3	Benzo(a)anthracene	79.9		1	0.85	9.40	ug/L	11/25/25 16:45	PB170730
218-01-9	Chrysene	79.4		1	0.83	9.40	ug/L	11/25/25 16:45	PB170730
117-81-7	Bis(2-ethylhexyl)phthalate	84.8		1	3.00	9.40	ug/L	11/25/25 16:45	PB170730
117-84-0	Di-n-octyl phthalate	88.7		1	4.40	18.9	ug/L	11/25/25 16:45	PB170730
205-99-2	Benzo(b)fluoranthene	81.7		1	0.92	9.40	ug/L	11/25/25 16:45	PB170730
207-08-9	Benzo(k)fluoranthene	77.2		1	0.91	9.40	ug/L	11/25/25 16:45	PB170730
50-32-8	Benzo(a)pyrene	79.1		1	1.00	9.40	ug/L	11/25/25 16:45	PB170730
193-39-5	Indeno(1,2,3-cd)pyrene	76.5		1	1.10	9.40	ug/L	11/25/25 16:45	PB170730
53-70-3	Dibenzo(a,h)anthracene	75.8		1	1.30	9.40	ug/L	11/25/25 16:45	PB170730
191-24-2	Benzo(g,h,i)perylene	79.4		1	1.30	9.40	ug/L	11/25/25 16:45	PB170730

SURROGATES

367-12-4	2-Fluorophenol	56.5	*		60 - 140	56%	SPK: 100
13127-88-3	Phenol-d6	40.9	*		60 - 140	41%	SPK: 100
4165-60-0	Nitrobenzene-d5	84.0			60 - 140	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.2			60 - 140	79%	SPK: 100
118-79-6	2,4,6-Tribromophenol	70.2			60 - 140	70%	SPK: 100
1718-51-0	Terphenyl-d14	68.0			60 - 140	68%	SPK: 100

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
3855-82-1	1,4-Dichlorobenzene-d4	53900
1146-65-2	Naphthalene-d8	191000
15067-26-2	Acenaphthene-d10	99200
1517-22-2	Phenanthrene-d10	156000
1719-03-5	Chrysene-d12	130000
1520-96-3	Perylene-d12	172000

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