

Report of Analysis

Client:	Ardmore Chemical		Date Collected:	09/12/25	
Project:	PVSC Monthly 2025		Date Received:	09/12/25	
Client Sample ID:	EFF-WWMS		SDG No.:	Q3098	
Lab Sample ID:	Q3098-05MS		Matrix:	Water	
Analytical Method:	625.1		% Solid:	0	
Sample Wt/Vol:	980	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
BP025802.D	1	09/17/25 08:35	09/19/25 17:09	PB169718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	22.4		0.88	10.2	ug/L
108-95-2	Phenol	18.3		0.93	5.10	ug/L
111-44-4	bis(2-Chloroethyl)ether	49.8		0.83	5.10	ug/L
95-57-8	2-Chlorophenol	43.7		0.59	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	48.5		1.30	5.10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	48.9		1.40	5.10	ug/L
67-72-1	Hexachloroethane	44.4		0.66	5.10	ug/L
98-95-3	Nitrobenzene	66.0		0.78	5.10	ug/L
78-59-1	Isophorone	63.4		0.77	5.10	ug/L
88-75-5	2-Nitrophenol	64.7		1.80	5.10	ug/L
105-67-9	2,4-Dimethylphenol	58.6		1.90	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	65.4		0.69	5.10	ug/L
120-83-2	2,4-Dichlorophenol	58.3		0.53	5.10	ug/L
120-82-1	1,2,4-Trichlorobenzene	55.3		0.55	5.10	ug/L
91-20-3	Naphthalene	48.2		0.51	5.10	ug/L
87-68-3	Hexachlorobutadiene	49.5		0.55	5.10	ug/L
59-50-7	4-Chloro-3-methylphenol	53.7		0.60	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	65.8		3.70	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	51.0		0.52	5.10	ug/L
91-58-7	2-Chloronaphthalene	51.1		0.62	5.10	ug/L
131-11-3	Dimethylphthalate	48.9		0.62	5.10	ug/L
208-96-8	Acenaphthylene	50.6		0.77	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	51.4		0.94	5.10	ug/L
83-32-9	Acenaphthene	49.0		0.56	5.10	ug/L
51-28-5	2,4-Dinitrophenol	89.4	E	6.10	10.2	ug/L
100-02-7	4-Nitrophenol	31.1		2.40	10.2	ug/L
121-14-2	2,4-Dinitrotoluene	49.0		1.20	5.10	ug/L
84-66-2	Diethylphthalate	48.8		0.70	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	49.6		0.69	5.10	ug/L

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86-73-7	Fluorene	50.6		0.64	5.10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	46.9		2.90	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	39.1		0.59	5.10	ug/L
103-33-3	Azobenzene	49.1		0.83	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	51.3		0.41	5.10	ug/L
118-74-1	Hexachlorobenzene	51.2		0.53	5.10	ug/L
87-86-5	Pentachlorophenol	100	E	1.60	10.2	ug/L
85-01-8	Phenanthrene	51.4		0.51	5.10	ug/L
120-12-7	Anthracene	51.7		0.62	5.10	ug/L
84-74-2	Di-n-butylphthalate	53.1		1.20	5.10	ug/L
206-44-0	Fluoranthene	49.3		0.84	5.10	ug/L
92-87-5	Benzidine	4.40	U	4.40	10.2	ug/L
129-00-0	Pyrene	51.7		0.51	5.10	ug/L
85-68-7	Butylbenzylphthalate	51.2		2.00	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	0.95	U	0.95	10.2	ug/L
56-55-3	Benzo(a)anthracene	52.6		0.46	5.10	ug/L
218-01-9	Chrysene	51.5		0.45	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	38.3		1.60	5.10	ug/L
117-84-0	Di-n-octyl phthalate	57.0		2.40	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	53.9		0.50	5.10	ug/L
207-08-9	Benzo(k)fluoranthene	52.2		0.49	5.10	ug/L
50-32-8	Benzo(a)pyrene	51.6		0.56	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	53.6		0.60	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	53.9		0.68	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	53.5		0.70	5.10	ug/L

SURROGATES

367-12-4	2-Fluorophenol	46.1	*	60 - 140	46%	SPK: 100
13127-88-3	Phenol-d6	29.3	*	60 - 140	29%	SPK: 100
4165-60-0	Nitrobenzene-d5	117		60 - 140	117%	SPK: 100
321-60-8	2-Fluorobiphenyl	87.6		60 - 140	88%	SPK: 100

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118-79-6	2,4,6-Tribromophenol	86.8		60 - 140	87%	SPK: 100
1718-51-0	Terphenyl-d14	88.4		60 - 140	88%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	174000	7.749
1146-65-2	Naphthalene-d8	537000	10.519
15067-26-2	Acenaphthene-d10	439000	14.378
1517-22-2	Phenanthrene-d10	850000	17.183
1719-03-5	Chrysene-d12	848000	21.66
1520-96-3	Perylene-d12	968000	24.983

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