

Report of Analysis

Client:	Ardmore Chemical		Date Collected:	02/27/25	
Project:	PVSC Monthly 2025		Date Received:	02/27/25	
Client Sample ID:	EFF-WASTE WATER		SDG No.:	Q1456	
Lab Sample ID:	Q1456-02		Matrix:	Water	
Analytical Method:	625.1		% Solid:	0	
Sample Wt/Vol:	870	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
BM049681.D	1	02/28/25 08:40	02/28/25 16:36	PB166933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	1.20	U	1.20	11.5	ug/L
108-95-2	Phenol	3.20	J	1.10	5.70	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.40	U	1.40	5.70	ug/L
95-57-8	2-Chlorophenol	0.82	U	0.82	5.70	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.60	U	1.60	5.70	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.70	U	1.70	5.70	ug/L
67-72-1	Hexachloroethane	1.20	U	1.20	5.70	ug/L
98-95-3	Nitrobenzene	1.50	U	1.50	5.70	ug/L
78-59-1	Isophorone	1.30	U	1.30	5.70	ug/L
88-75-5	2-Nitrophenol	2.30	U	2.30	5.70	ug/L
105-67-9	2,4-Dimethylphenol	1.70	U	1.70	5.70	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.20	U	1.20	5.70	ug/L
120-83-2	2,4-Dichlorophenol	1.00	U	1.00	5.70	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.30	U	1.30	5.70	ug/L
91-20-3	Naphthalene	1.20	U	1.20	5.70	ug/L
87-68-3	Hexachlorobutadiene	1.50	U	1.50	5.70	ug/L
59-50-7	4-Chloro-3-methylphenol	0.97	U	0.97	5.70	ug/L
77-47-4	Hexachlorocyclopentadiene	5.80	UQ	5.80	11.5	ug/L
88-06-2	2,4,6-Trichlorophenol	1.00	U	1.00	5.70	ug/L
91-58-7	2-Chloronaphthalene	1.10	U	1.10	5.70	ug/L
131-11-3	Dimethylphthalate	1.10	U	1.10	5.70	ug/L
208-96-8	Acenaphthylene	1.20	U	1.20	5.70	ug/L
606-20-2	2,6-Dinitrotoluene	1.40	U	1.40	5.70	ug/L
83-32-9	Acenaphthene	0.93	U	0.93	5.70	ug/L
51-28-5	2,4-Dinitrophenol	7.40	U	7.40	11.5	ug/L
100-02-7	4-Nitrophenol	2.30	U	2.30	11.5	ug/L
121-14-2	2,4-Dinitrotoluene	1.70	U	1.70	5.70	ug/L
84-66-2	Diethylphthalate	3.90	J	1.20	5.70	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.10	U	1.10	5.70	ug/L

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86-73-7	Fluorene	1.10	U	1.10	5.70	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.50	UQ	3.50	11.5	ug/L
86-30-6	n-Nitrosodiphenylamine	1.00	U	1.00	5.70	ug/L
103-33-3	Azobenzene	1.40	U	1.40	5.70	ug/L
101-55-3	4-Bromophenyl-phenylether	1.10	U	1.10	5.70	ug/L
118-74-1	Hexachlorobenzene	1.30	U	1.30	5.70	ug/L
87-86-5	Pentachlorophenol	12.3		2.10	11.5	ug/L
85-01-8	Phenanthrene	1.00	U	1.00	5.70	ug/L
120-12-7	Anthracene	1.20	U	1.20	5.70	ug/L
84-74-2	Di-n-butylphthalate	3.50	J	1.70	5.70	ug/L
206-44-0	Fluoranthene	1.50	U	1.50	5.70	ug/L
92-87-5	Benzidine	4.70	U	4.70	11.5	ug/L
129-00-0	Pyrene	1.20	U	1.20	5.70	ug/L
85-68-7	Butylbenzylphthalate	2.40	U	2.40	5.70	ug/L
91-94-1	3,3-Dichlorobenzidine	1.50	U	1.50	11.5	ug/L
56-55-3	Benzo(a)anthracene	1.10	U	1.10	5.70	ug/L
218-01-9	Chrysene	0.99	U	0.99	5.70	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.20	U	2.20	5.70	ug/L
117-84-0	Di-n-octyl phthalate	2.90	U	2.90	11.5	ug/L
205-99-2	Benzo(b)fluoranthene	1.30	U	1.30	5.70	ug/L
207-08-9	Benzo(k)fluoranthene	1.40	U	1.40	5.70	ug/L
50-32-8	Benzo(a)pyrene	1.90	U	1.90	5.70	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.20	U	1.20	5.70	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.30	U	1.30	5.70	ug/L
191-24-2	Benzo(g,h,i)perylene	1.40	U	1.40	5.70	ug/L

SURROGATES

367-12-4	2-Fluorophenol	46.6	*	60 - 140	47%	SPK: 100
13127-88-3	Phenol-d6	28.9	*	60 - 140	29%	SPK: 100
4165-60-0	Nitrobenzene-d5	102		60 - 140	102%	SPK: 100
321-60-8	2-Fluorobiphenyl	95.2		60 - 140	95%	SPK: 100

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118-79-6	2,4,6-Tribromophenol	124		60 - 140	124%	SPK: 100
1718-51-0	Terphenyl-d14	85.6		60 - 140	86%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	263000	7.804
1146-65-2	Naphthalene-d8	957000	10.598
15067-26-2	Acenaphthene-d10	660000	14.445
1517-22-2	Phenanthrene-d10	1420000	17.186
1719-03-5	Chrysene-d12	1790000	21.427
1520-96-3	Perylene-d12	1610000	24.439

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