

Report of Analysis

Client:	Ardmore Chemical		Date Collected:		
Project:	PVSC Monthly 2024		Date Received:		
Client Sample ID:	PB165479BS		SDG No.:	P5192	
Lab Sample ID:	PB165479BS		Matrix:	Water	
Analytical Method:	625.1		% Solid:	0	
Sample Wt/Vol:	1000	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
BF140867.D	1	12/09/24 08:38	12/16/24 18:26	PB165479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	50.5		1.00	10.0	ug/L
108-95-2	Phenol	48.9		0.93	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	49.4		1.20	5.00	ug/L
95-57-8	2-Chlorophenol	49.6		0.71	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	49.4		1.40	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	49.3		1.50	5.00	ug/L
67-72-1	Hexachloroethane	46.2		1.00	5.00	ug/L
98-95-3	Nitrobenzene	47.0		1.30	5.00	ug/L
78-59-1	Isophorone	50.5		1.10	5.00	ug/L
88-75-5	2-Nitrophenol	49.3		2.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	59.5		1.50	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	48.7		1.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	48.9		0.88	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	45.5		1.10	5.00	ug/L
91-20-3	Naphthalene	47.1		1.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	46.4		1.30	5.00	ug/L
59-50-7	4-Chloro-3-methylphenol	47.7		0.84	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	76.6		5.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	47.8		0.89	5.00	ug/L
91-58-7	2-Chloronaphthalene	46.4		0.97	5.00	ug/L
131-11-3	Dimethylphthalate	50.0		0.93	5.00	ug/L
208-96-8	Acenaphthylene	51.5		1.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	46.0		1.20	5.00	ug/L
83-32-9	Acenaphthene	49.0		0.81	5.00	ug/L
51-28-5	2,4-Dinitrophenol	83.9	E	6.40	10.0	ug/L
100-02-7	4-Nitrophenol	99.7	E	2.00	10.0	ug/L
121-14-2	2,4-Dinitrotoluene	48.8		1.50	5.00	ug/L
84-66-2	Diethylphthalate	49.6		1.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	48.0		0.98	5.00	ug/L

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86-73-7	Fluorene	47.2		0.96	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	48.4		3.10	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	51.2		0.89	5.00	ug/L
103-33-3	Azobenzene	47.8		1.20	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	49.1		0.95	5.00	ug/L
118-74-1	Hexachlorobenzene	48.1		1.10	5.00	ug/L
87-86-5	Pentachlorophenol	99.3	E	1.90	10.0	ug/L
85-01-8	Phenanthrene	49.9		0.89	5.00	ug/L
120-12-7	Anthracene	51.4		1.10	5.00	ug/L
84-74-2	Di-n-butylphthalate	50.2		1.50	5.00	ug/L
206-44-0	Fluoranthene	47.7		1.30	5.00	ug/L
92-87-5	Benzidine	44.8		4.10	10.0	ug/L
129-00-0	Pyrene	46.5		1.10	5.00	ug/L
85-68-7	Butylbenzylphthalate	50.0		2.10	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	31.7		1.30	10.0	ug/L
56-55-3	Benzo(a)anthracene	49.7		0.94	5.00	ug/L
218-01-9	Chrysene	48.3		0.86	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	52.8		1.90	5.00	ug/L
117-84-0	Di-n-octyl phthalate	53.0		2.50	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	48.2		1.10	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	52.4		1.20	5.00	ug/L
50-32-8	Benzo(a)pyrene	54.6		1.70	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	54.7		1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	54.4		1.20	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	51.1		1.20	5.00	ug/L

SURROGATES

367-12-4	2-Fluorophenol	96.3		60 - 140	96%	SPK: 100
13127-88-3	Phenol-d6	92.2		60 - 140	92%	SPK: 100
4165-60-0	Nitrobenzene-d5	96.9		60 - 140	97%	SPK: 100
321-60-8	2-Fluorobiphenyl	94.2		60 - 140	94%	SPK: 100

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118-79-6	2,4,6-Tribromophenol	94.2		60 - 140	94%	SPK: 100
1718-51-0	Terphenyl-d14	94.4		60 - 140	94%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	68100	6.846
1146-65-2	Naphthalene-d8	255000	8.128
15067-26-2	Acenaphthene-d10	146000	9.886
1517-22-2	Phenanthrene-d10	281000	11.375
1719-03-5	Chrysene-d12	199000	14.022
1520-96-3	Perylene-d12	173000	15.504

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