284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	
Project:	PVSC Monthly 2025	Date Received:	
Client Sample ID:	PB168904BSD	SDG No.:	Q2585
Lab Sample ID:	PB168904BSD	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
BF143163.D	1	07/17/25 08:39	07/18/25 13:22	PB168904

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	43.2		0.86	10.0	ug/L
108-95-2	Phenol	43.6		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	43.8		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	44.0		0.58	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	43.8		1.30	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	43.2		1.40	5.00	ug/L
67-72-1	Hexachloroethane	44.0		0.65	5.00	ug/L
98-95-3	Nitrobenzene	44.5		0.76	5.00	ug/L
78-59-1	Isophorone	44.0		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	47.7		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	44.4		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.8		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	44.2		0.52	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	42.5		0.54	5.00	ug/L
91-20-3	Naphthalene	43.6		0.50	5.00	ug/L
87-68-3	Hexachlorobutadiene	43.6		0.54	5.00	ug/L
59-50-7	4-Chloro-3-methylphenol	45.0		0.59	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	87.5	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	43.1		0.51	5.00	ug/L
91-58-7	2-Chloronaphthalene	42.9		0.61	5.00	ug/L
131-11-3	Dimethylphthalate	45.0		0.61	5.00	ug/L
208-96-8	Acenaphthylene	43.5		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	48.5		0.92	5.00	ug/L
83-32-9	Acenaphthene	47.0		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	93.7	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	92.8	E	2.40	10.0	ug/L
121-14-2	2,4-Dinitrotoluene	50.7		1.20	5.00	ug/L
84-66-2	Diethylphthalate	45.6		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	43.7		0.68	5.00	ug/L

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Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-73-7	Fluorene	43.1		0.63	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	44.6		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	43.7		0.58	5.00	ug/L
103-33-3	Azobenzene	45.0		0.81	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	43.8		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	44.5		0.52	5.00	ug/L
87-86-5	Pentachlorophenol	89.7	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	43.9		0.50	5.00	ug/L
120-12-7	Anthracene	43.1		0.61	5.00	ug/L
84-74-2	Di-n-butylphthalate	46.0		1.20	5.00	ug/L
206-44-0	Fluoranthene	45.0		0.82	5.00	ug/L
92-87-5	Benzidine	41.5		4.30	10.0	ug/L
129-00-0	Pyrene	43.9		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	47.4		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	25.0		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	44.4		0.45	5.00	ug/L
218-01-9	Chrysene	46.0		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	47.0		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	45.8		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	45.3		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	46.4		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	45.4		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	44.4		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	44.5		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	44.5		0.69	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	81.3		60 - 140	81%	SPK: 100
13127-88-3	Phenol-d6	82.2		60 - 140	82%	SPK: 100
4165-60-0	Nitrobenzene-d5	80.7		60 - 140	81%	SPK: 100
321-60-8	2-Fluorobiphenyl	74.9		60 - 140	75%	SPK: 100

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Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
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118-79-6	2,4,6-Tribromophenol	83.4		60 - 140	83%	SPK: 100
1718-51-0	Terphenyl-d14	78.0		60 - 140	78%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	134000	6.963			
1146-65-2	Naphthalene-d8	525000	8.245			
15067-26-2	Acenaphthene-d10	272000	9.998			
1517-22-2	Phenanthrene-d10	444000	11.481			
1719-03-5	Chrysene-d12	252000	14.122			
1520-96-3	Perylene-d12	280000	15.621			

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