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

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	06/06/25
Project:	PVSC Monthly 2025	Date Received:	06/06/25
Client Sample ID:	EF-WW	SDG No.:	Q2264
Lab Sample ID:	Q2264-04	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
BF142732.D	1	06/10/25 08:46	06/11/25 13:52	PB168378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	0.99	U	0.99	11.5	ug/L
108-95-2	Phenol	1.00	U	1.00	5.70	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.93	U	0.93	5.70	ug/L
95-57-8	2-Chlorophenol	0.67	U	0.67	5.70	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.50	U	1.50	5.70	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.60	U	1.60	5.70	ug/L
67-72-1	Hexachloroethane	0.75	U	0.75	5.70	ug/L
98-95-3	Nitrobenzene	0.87	U	0.87	5.70	ug/L
78-59-1	Isophorone	0.86	U	0.86	5.70	ug/L
88-75-5	2-Nitrophenol	2.00	U	2.00	5.70	ug/L
105-67-9	2,4-Dimethylphenol	2.10	U	2.10	5.70	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.78	U	0.78	5.70	ug/L
120-83-2	2,4-Dichlorophenol	0.60	U	0.60	5.70	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	0.62	5.70	ug/L
91-20-3	Naphthalene	0.57	U	0.57	5.70	ug/L
87-68-3	Hexachlorobutadiene	0.62	U	0.62	5.70	ug/L
59-50-7	4-Chloro-3-methylphenol	0.68	U	0.68	5.70	ug/L
77-47-4	Hexachlorocyclopentadiene	4.20	U	4.20	11.5	ug/L
88-06-2	2,4,6-Trichlorophenol	0.59	U	0.59	5.70	ug/L
91-58-7	2-Chloronaphthalene	0.70	U	0.70	5.70	ug/L
131-11-3	Dimethylphthalate	0.70	U	0.70	5.70	ug/L
208-96-8	Acenaphthylene	0.86	U	0.86	5.70	ug/L
606-20-2	2,6-Dinitrotoluene	1.10	U	1.10	5.70	ug/L
83-32-9	Acenaphthene	0.63	U	0.63	5.70	ug/L
51-28-5	2,4-Dinitrophenol	6.90	U	6.90	11.5	ug/L
100-02-7	4-Nitrophenol	2.70	U	2.70	11.5	ug/L
121-14-2	2,4-Dinitrotoluene	1.40	U	1.40	5.70	ug/L
84-66-2	Diethylphthalate	0.79	U	0.79	5.70	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.78	U	0.78	5.70	ug/L

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86-73-7	Fluorene	0.72	U	0.72	5.70	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.30	U	3.30	11.5	ug/L
86-30-6	n-Nitrosodiphenylamine	0.67	U	0.67	5.70	ug/L
103-33-3	Azobenzene	0.93	U	0.93	5.70	ug/L
101-55-3	4-Bromophenyl-phenylether	0.46	U	0.46	5.70	ug/L
118-74-1	Hexachlorobenzene	0.60	U	0.60	5.70	ug/L
87-86-5	Pentachlorophenol	1.80	U	1.80	11.5	ug/L
85-01-8	Phenanthrene	0.57	U	0.57	5.70	ug/L
120-12-7	Anthracene	0.70	U	0.70	5.70	ug/L
84-74-2	Di-n-butylphthalate	1.40	U	1.40	5.70	ug/L
206-44-0	Fluoranthene	0.94	U	0.94	5.70	ug/L
92-87-5	Benzidine	4.90	U	4.90	11.5	ug/L
129-00-0	Pyrene	0.57	U	0.57	5.70	ug/L
85-68-7	Butylbenzylphthalate	2.20	U	2.20	5.70	ug/L
91-94-1	3,3-Dichlorobenzidine	1.10	U	1.10	11.5	ug/L
56-55-3	Benzo(a)anthracene	0.52	U	0.52	5.70	ug/L
218-01-9	Chrysene	0.51	U	0.51	5.70	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.80	U	1.80	5.70	ug/L
117-84-0	Di-n-octyl phthalate	2.70	U	2.70	11.5	ug/L
205-99-2	Benzo(b)fluoranthene	0.56	U	0.56	5.70	ug/L
207-08-9	Benzo(k)fluoranthene	0.55	U	0.55	5.70	ug/L
50-32-8	Benzo(a)pyrene	0.63	U	0.63	5.70	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.68	U	0.68	5.70	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.77	U	0.77	5.70	ug/L
191-24-2	Benzo(g,h,i)perylene	0.79	U	0.79	5.70	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	0.79	*	60 - 140	1%	SPK: 100
13127-88-3	Phenol-d6	0	*	60 - 140	0%	SPK: 100
4165-60-0	Nitrobenzene-d5	67.8		60 - 140	68%	SPK: 100
321-60-8	2-Fluorobiphenyl	60.0		60 - 140	60%	SPK: 100

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118-79-6	2,4,6-Tribromophenol	2.09	*	60 - 140	2%	SPK: 100
1718-51-0	Terphenyl-d14	51.6	*	60 - 140	52%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	50300	6.892			
1146-65-2	Naphthalene-d8	171000	8.186			
15067-26-2	Acenaphthene-d10	83200	9.933			
1517-22-2	Phenanthrene-d10	136000	11.422			
1719-03-5	Chrysene-d12	137000	14.068			
1520-96-3	Perylene-d12	151000	15.568			

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