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:	PB167171BS	SDG No.:	Q1583
Lab Sample ID:	PB167171BS	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
BP024182.D	1	03/17/25 09:15	03/18/25 11:48	PB167171

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	45.7		0.86	10.0	ug/L
108-95-2	Phenol	50.8		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	46.8		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	49.2		0.58	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	48.6		1.30	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	47.6		1.40	5.00	ug/L
67-72-1	Hexachloroethane	46.8		0.65	5.00	ug/L
98-95-3	Nitrobenzene	47.7		0.76	5.00	ug/L
78-59-1	Isophorone	51.0		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	48.9		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	65.3		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	47.8		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	51.0		0.52	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	45.8		0.54	5.00	ug/L
91-20-3	Naphthalene	45.3		0.50	5.00	ug/L
87-68-3	Hexachlorobutadiene	46.2		0.54	5.00	ug/L
59-50-7	4-Chloro-3-methylphenol	50.7		0.59	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	170	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	50.7		0.51	5.00	ug/L
91-58-7	2-Chloronaphthalene	47.1		0.61	5.00	ug/L
131-11-3	Dimethylphthalate	48.5		0.61	5.00	ug/L
208-96-8	Acenaphthylene	51.2		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	50.1		0.92	5.00	ug/L
83-32-9	Acenaphthene	47.3		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	130	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	120	E	2.40	10.0	ug/L
121-14-2	2,4-Dinitrotoluene	53.3		1.20	5.00	ug/L
84-66-2	Diethylphthalate	48.4		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	48.0		0.68	5.00	ug/L

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86-73-7	Fluorene	48.4		0.63	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	51.6		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	49.7		0.58	5.00	ug/L
103-33-3	Azobenzene	48.6		0.81	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	48.6		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	48.5		0.52	5.00	ug/L
87-86-5	Pentachlorophenol	110	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	48.0		0.50	5.00	ug/L
120-12-7	Anthracene	50.7		0.61	5.00	ug/L
84-74-2	Di-n-butylphthalate	49.1		1.20	5.00	ug/L
206-44-0	Fluoranthene	48.2		0.82	5.00	ug/L
92-87-5	Benzidine	110	E	4.30	10.0	ug/L
129-00-0	Pyrene	48.9		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	49.7		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	37.4		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	48.5		0.45	5.00	ug/L
218-01-9	Chrysene	47.4		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	49.0		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	49.1		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	48.7		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	49.6		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	52.6		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	49.0		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	48.9		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	45.3		0.69	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	106		60 - 140	106%	SPK: 100
13127-88-3	Phenol-d6	103		60 - 140	103%	SPK: 100
4165-60-0	Nitrobenzene-d5	102		60 - 140	102%	SPK: 100
321-60-8	2-Fluorobiphenyl	99.0		60 - 140	99%	SPK: 100

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118-79-6	2,4,6-Tribromophenol	104		60 - 140	104%	SPK: 100
1718-51-0	Terphenyl-d14	104		60 - 140	104%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	336000	7.769			
1146-65-2	Naphthalene-d8	1370000	10.546			
15067-26-2	Acenaphthene-d10	842000	14.404			
1517-22-2	Phenanthrene-d10	1610000	17.204			
1719-03-5	Chrysene-d12	1710000	21.657			
1520-96-3	Perylene-d12	1770000	25.051			

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