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

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	01/10/25
Project:	PVSC Monthly 2025	Date Received:	01/10/25
Client Sample ID:	EFF-WASTE WATER	SDG No.:	Q1066
Lab Sample ID:	Q1066-02	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	950 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
BF141185.D	1	01/13/25 08:22	01/16/25 15:13	PB166033

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	1.10	U	1.10	10.5	ug/L
108-95-2	Phenol	0.98	U	0.98	5.30	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.30	U	1.30	5.30	ug/L
95-57-8	2-Chlorophenol	0.75	U	0.75	5.30	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.40	U	1.40	5.30	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.60	U	1.60	5.30	ug/L
67-72-1	Hexachloroethane	1.10	U	1.10	5.30	ug/L
98-95-3	Nitrobenzene	1.30	U	1.30	5.30	ug/L
78-59-1	Isophorone	1.20	U	1.20	5.30	ug/L
88-75-5	2-Nitrophenol	2.10	U	2.10	5.30	ug/L
105-67-9	2,4-Dimethylphenol	1.60	U	1.60	5.30	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.10	U	1.10	5.30	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	5.30	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.20	U	1.20	5.30	ug/L
91-20-3	Naphthalene	1.10	U	1.10	5.30	ug/L
87-68-3	Hexachlorobutadiene	1.30	U	1.30	5.30	ug/L
59-50-7	4-Chloro-3-methylphenol	0.88	U	0.88	5.30	ug/L
77-47-4	Hexachlorocyclopentadiene	5.30	UQ	5.30	10.5	ug/L
88-06-2	2,4,6-Trichlorophenol	0.94	U	0.94	5.30	ug/L
91-58-7	2-Chloronaphthalene	1.00	U	1.00	5.30	ug/L
131-11-3	Dimethylphthalate	0.98	U	0.98	5.30	ug/L
208-96-8	Acenaphthylene	1.10	U	1.10	5.30	ug/L
606-20-2	2,6-Dinitrotoluene	1.30	U	1.30	5.30	ug/L
83-32-9	Acenaphthene	0.85	U	0.85	5.30	ug/L
51-28-5	2,4-Dinitrophenol	6.80	U	6.80	10.5	ug/L
100-02-7	4-Nitrophenol	2.10	U	2.10	10.5	ug/L
121-14-2	2,4-Dinitrotoluene	1.60	U	1.60	5.30	ug/L
84-66-2	Diethylphthalate	1.10	U	1.10	5.30	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.00	U	1.00	5.30	ug/L

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86-73-7	Fluorene	1.00	U	1.00	5.30	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.20	U	3.20	10.5	ug/L
86-30-6	n-Nitrosodiphenylamine	0.94	UQ	0.94	5.30	ug/L
103-33-3	Azobenzene	1.30	U	1.30	5.30	ug/L
101-55-3	4-Bromophenyl-phenylether	1.00	U	1.00	5.30	ug/L
118-74-1	Hexachlorobenzene	1.20	U	1.20	5.30	ug/L
87-86-5	Pentachlorophenol	1.90	U	1.90	10.5	ug/L
85-01-8	Phenanthrene	0.94	U	0.94	5.30	ug/L
120-12-7	Anthracene	1.10	U	1.10	5.30	ug/L
84-74-2	Di-n-butylphthalate	1.50	U	1.50	5.30	ug/L
206-44-0	Fluoranthene	1.40	U	1.40	5.30	ug/L
92-87-5	Benzidine	4.30	U	4.30	10.5	ug/L
129-00-0	Pyrene	1.10	U	1.10	5.30	ug/L
85-68-7	Butylbenzylphthalate	2.20	U	2.20	5.30	ug/L
91-94-1	3,3-Dichlorobenzidine	1.30	U	1.30	10.5	ug/L
56-55-3	Benzo(a)anthracene	0.99	U	0.99	5.30	ug/L
218-01-9	Chrysene	0.91	U	0.91	5.30	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.00	U	2.00	5.30	ug/L
117-84-0	Di-n-octyl phthalate	2.60	U	2.60	10.5	ug/L
205-99-2	Benzo(b)fluoranthene	1.20	U	1.20	5.30	ug/L
207-08-9	Benzo(k)fluoranthene	1.30	U	1.30	5.30	ug/L
50-32-8	Benzo(a)pyrene	1.80	U	1.80	5.30	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.10	U	1.10	5.30	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.20	U	1.20	5.30	ug/L
191-24-2	Benzo(g,h,i)perylene	1.20	U	1.20	5.30	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	51.6	*	60 - 140	52%	SPK: 100
13127-88-3	Phenol-d6	32.6	*	60 - 140	33%	SPK: 100
4165-60-0	Nitrobenzene-d5	97.3		60 - 140	97%	SPK: 100
321-60-8	2-Fluorobiphenyl	99.8		60 - 140	100%	SPK: 100

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118-79-6	2,4,6-Tribromophenol	76.7		60 - 140	77%	SPK: 100
1718-51-0	Terphenyl-d14	81.4		60 - 140	81%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	164000	6.81			
1146-65-2	Naphthalene-d8	630000	8.093			
15067-26-2	Acenaphthene-d10	310000	9.851			
1517-22-2	Phenanthrene-d10	433000	11.345			
1719-03-5	Chrysene-d12	314000	13.986			
1520-96-3	Perylene-d12	311000	15.451			

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