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 2024	Date Received:	
Client Sample ID:	PB165479BSD	SDG No.:	P5192
Lab Sample ID:	PB165479BSD	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
BF140868.D	1	12/09/24 08:38	12/16/24 18:53	PB165479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	46.4		1.00	10.0	ug/L
108-95-2	Phenol	48.1		0.93	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	48.3		1.20	5.00	ug/L
95-57-8	2-Chlorophenol	48.3		0.71	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	52.3		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	47.4		1.00	5.00	ug/L
98-95-3	Nitrobenzene	46.0		1.30	5.00	ug/L
78-59-1	Isophorone	49.6		1.10	5.00	ug/L
88-75-5	2-Nitrophenol	48.8		2.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	58.2		1.50	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	47.7		1.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	47.5		0.88	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	44.4		1.10	5.00	ug/L
91-20-3	Naphthalene	46.3		1.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	44.6		1.30	5.00	ug/L
59-50-7	4-Chloro-3-methylphenol	45.0		0.84	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	76.1		5.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	46.4		0.89	5.00	ug/L
91-58-7	2-Chloronaphthalene	45.1		0.97	5.00	ug/L
131-11-3	Dimethylphthalate	48.3		0.93	5.00	ug/L
208-96-8	Acenaphthylene	51.0		1.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	47.0		1.20	5.00	ug/L
83-32-9	Acenaphthene	48.3		0.81	5.00	ug/L
51-28-5	2,4-Dinitrophenol	86.6	E	6.40	10.0	ug/L
100-02-7	4-Nitrophenol	100	E	2.00	10.0	ug/L
121-14-2	2,4-Dinitrotoluene	46.3		1.50	5.00	ug/L
84-66-2	Diethylphthalate	47.5		1.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	45.5		0.98	5.00	ug/L

Alliance TECHNICAL GROUP
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86-73-7	Fluorene	46.1		0.96	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	48.1		3.10	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	49.3		0.89	5.00	ug/L
103-33-3	Azobenzene	47.4		1.20	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	49.9		0.95	5.00	ug/L
118-74-1	Hexachlorobenzene	44.1		1.10	5.00	ug/L
87-86-5	Pentachlorophenol	98.0	E	1.90	10.0	ug/L
85-01-8	Phenanthrene	49.7		0.89	5.00	ug/L
120-12-7	Anthracene	51.4		1.10	5.00	ug/L
84-74-2	Di-n-butylphthalate	48.2		1.50	5.00	ug/L
206-44-0	Fluoranthene	46.2		1.30	5.00	ug/L
92-87-5	Benzidine	43.0		4.10	10.0	ug/L
129-00-0	Pyrene	45.2		1.10	5.00	ug/L
85-68-7	Butylbenzylphthalate	43.8		2.10	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	32.9		1.30	10.0	ug/L
56-55-3	Benzo(a)anthracene	48.9		0.94	5.00	ug/L
218-01-9	Chrysene	49.7		0.86	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	51.6		1.90	5.00	ug/L
117-84-0	Di-n-octyl phthalate	48.2		2.50	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	48.6		1.10	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	44.7		1.20	5.00	ug/L
50-32-8	Benzo(a)pyrene	52.9		1.70	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	51.0		1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	51.1		1.20	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	45.6		1.20	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	99.2		60 - 140	99%	SPK: 100
13127-88-3	Phenol-d6	90.7		60 - 140	91%	SPK: 100
4165-60-0	Nitrobenzene-d5	93.6		60 - 140	94%	SPK: 100
321-60-8	2-Fluorobiphenyl	89.3		60 - 140	89%	SPK: 100

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118-79-6	2,4,6-Tribromophenol	90.2		60 - 140	90%	SPK: 100
1718-51-0	Terphenyl-d14	87.5		60 - 140	87%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	88100	6.845			
1146-65-2	Naphthalene-d8	342000	8.128			
15067-26-2	Acenaphthene-d10	192000	9.886			
1517-22-2	Phenanthrene-d10	376000	11.374			
1719-03-5	Chrysene-d12	259000	14.027			
1520-96-3	Perylene-d12	217000	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