CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	Mackenna Parcels	Date Received:	
Client Sample ID:	PB154218BSD	SDG No.:	O3645
Lab Sample ID:	PB154218BSD	Matrix:	Water
Analytical Method:	SW8270	% 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 :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP016414.D	1	07/17/23 08:30	07/28/23 09:48	PB154218

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	58.9		3.30	10.0	ug/L
108-95-2	Phenol	56.1		1.50	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	50.3		1.70	5.00	ug/L
95-57-8	2-Chlorophenol	54.8		1.40	5.00	ug/L
95-48-7	2-Methylphenol	51.6		2.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	52.1		2.30	5.00	ug/L
98-86-2	Acetophenone	48.3		1.80	5.00	ug/L
65794-96-9	3+4-Methylphenols	51.6		2.20	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	49.0		2.00	2.50	ug/L
67-72-1	Hexachloroethane	52.2		1.60	5.00	ug/L
98-95-3	Nitrobenzene	48.9		1.70	5.00	ug/L
78-59-1	Isophorone	47.4		1.70	5.00	ug/L
88-75-5	2-Nitrophenol	46.6		2.40	5.00	ug/L
105-67-9	2,4-Dimethylphenol	52.5		3.00	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	48.3		2.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	51.5		1.70	5.00	ug/L
91-20-3	Naphthalene	47.4		1.70	5.00	ug/L
106-47-8	4-Chloroaniline	31.1		2.50	5.00	ug/L
87-68-3	Hexachlorobutadiene	45.3		1.90	5.00	ug/L
105-60-2	Caprolactam	51.0		3.40	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	51.6		1.80	5.00	ug/L
91-57-6	2-Methylnaphthalene	45.3		2.20	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	120	E	5.70	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	50.7		1.50	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	46.5		1.60	5.00	ug/L
92-52-4	1,1-Biphenyl	47.6		1.80	5.00	ug/L
91-58-7	2-Chloronaphthalene	49.0		1.60	5.00	ug/L
88-74-4	2-Nitroaniline	53.0		2.40	5.00	ug/L
131-11-3	Dimethylphthalate	47.1		1.90	5.00	ug/L
208-96-8	Acenaphthylene	48.1		2.10	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	49.3		2.10	5.00	ug/L

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99-09-2	3-Nitroaniline	40.6		2.40	5.00	ug/L
83-32-9	Acenaphthene	48.0		1.70	5.00	ug/L
51-28-5	2,4-Dinitrophenol	97.1	E	5.50	10.0	ug/L
100-02-7	4-Nitrophenol	120	E	2.80	10.0	ug/L
132-64-9	Dibenzofuran	46.6		1.60	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	52.5		2.50	5.00	ug/L
84-66-2	Diethylphthalate	48.1		2.10	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	45.6		2.20	5.00	ug/L
86-73-7	Fluorene	47.7		2.00	5.00	ug/L
100-01-6	4-Nitroaniline	49.4		2.30	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	49.4		1.80	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	49.4		2.00	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	46.3		2.00	5.00	ug/L
118-74-1	Hexachlorobenzene	46.8		1.90	5.00	ug/L
1912-24-9	Atrazine	60.5		3.50	5.00	ug/L
87-86-5	Pentachlorophenol	90.4	E	2.60	10.0	ug/L
85-01-8	Phenanthrene	49.1		2.00	5.00	ug/L
120-12-7	Anthracene	49.4		2.30	5.00	ug/L
86-74-8	Carbazole	51.1		1.70	5.00	ug/L
84-74-2	Di-n-butylphthalate	51.3		2.40	5.00	ug/L
206-44-0	Fluoranthene	48.4		2.10	5.00	ug/L
129-00-0	Pyrene	50.3		1.90	5.00	ug/L
85-68-7	Butylbenzylphthalate	54.1		2.80	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	41.6		5.40	10.0	ug/L
56-55-3	Benzo(a)anthracene	49.3		1.50	5.00	ug/L
218-01-9	Chrysene	48.2		1.60	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	53.6		2.90	5.00	ug/L
117-84-0	Di-n-octyl phthalate	54.8		3.10	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	53.5		1.50	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	53.3		1.90	5.00	ug/L
50-32-8	Benzo(a)pyrene	48.5		2.70	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	49.5		2.10	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	49.6		2.00	5.00	ug/L

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	48.3		1.90	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	45.6		2.10	5.00	ug/L
123-91-1	1,4-Dioxane	40.5		2.40	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	49.0		1.30	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	175		10 - 139	117%	SPK: 150
13127-88-3	Phenol-d6	165		10 - 134	110%	SPK: 150
4165-60-0	Nitrobenzene-d5	107		49 - 133	107%	SPK: 100
321-60-8	2-Fluorobiphenyl	101		52 - 132	101%	SPK: 100
118-79-6	2,4,6-Tribromophenol	136		45 - 141	91%	SPK: 150
1718-51-0	Terphenyl-d14	112		45 - 142	112%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	341000	8.087			
1146-65-2	Naphthalene-d8	1440000	10.922			
15067-26-2	Acenaphthene-d10	878000	14.734			
1517-22-2	Phenanthrene-d10	1900000	17.498			
1719-03-5	Chrysene-d12	1780000	21.586			
1520-96-3	Perylene-d12	1920000	24.186			

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