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:	07/12/23
Project:	Mackenna Parcels	Date Received:	07/17/23
Client Sample ID:	SB-04-(1-5)MSD	SDG No.:	O3645
Lab Sample ID:	O3645-10MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	91.3
Sample Wt/Vol:	30.05 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM041175.D	1	07/18/23 09:45	07/28/23 21:00	PB154258

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1700		160	360	ug/Kg
108-95-2	Phenol	1800		81.4	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1700		98.2	190	ug/Kg
95-57-8	2-Chlorophenol	1700		78.7	190	ug/Kg
95-48-7	2-Methylphenol	1700		120	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1700		110	190	ug/Kg
98-86-2	Acetophenone	1600		94.8	190	ug/Kg
65794-96-9	3+4-Methylphenols	1700		120	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1700		64.5	87.5	ug/Kg
67-72-1	Hexachloroethane	1700		80.5	190	ug/Kg
98-95-3	Nitrobenzene	1600		82.2	190	ug/Kg
78-59-1	Isophorone	1700		74.5	190	ug/Kg
88-75-5	2-Nitrophenol	1800		100	190	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		110	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1600		120	190	ug/Kg
120-83-2	2,4-Dichlorophenol	1800		85.4	190	ug/Kg
91-20-3	Naphthalene	1600		89.0	190	ug/Kg
106-47-8	4-Chloroaniline	1400		110	190	ug/Kg
87-68-3	Hexachlorobutadiene	1600		91.9	190	ug/Kg
105-60-2	Caprolactam	1800		130	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1800		90.2	190	ug/Kg
91-57-6	2-Methylnaphthalene	1600		100	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3400	E	230	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1800		84.3	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		96.1	190	ug/Kg
92-52-4	1,1-Biphenyl	1600		99.8	190	ug/Kg
91-58-7	2-Chloronaphthalene	1700		92.5	190	ug/Kg
88-74-4	2-Nitroaniline	1800		110	190	ug/Kg
131-11-3	Dimethylphthalate	1800		97.2	190	ug/Kg
208-96-8	Acenaphthylene	1700		96.7	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		98.4	190	ug/Kg

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	1500		100	190	ug/Kg
83-32-9	Acenaphthene	1700		87.8	190	ug/Kg
51-28-5	2,4-Dinitrophenol	2900		200	360	ug/Kg
100-02-7	4-Nitrophenol	4100	E	120	360	ug/Kg
132-64-9	Dibenzofuran	1600		84.1	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		110	190	ug/Kg
84-66-2	Diethylphthalate	1700		93.9	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		98.8	190	ug/Kg
86-73-7	Fluorene	1700		92.7	190	ug/Kg
100-01-6	4-Nitroaniline	1600		110	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1500		96.0	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		100	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700		110	190	ug/Kg
118-74-1	Hexachlorobenzene	1800		110	190	ug/Kg
1912-24-9	Atrazine	2200		100	190	ug/Kg
87-86-5	Pentachlorophenol	3400	E	120	360	ug/Kg
85-01-8	Phenanthrene	1800		100	190	ug/Kg
120-12-7	Anthracene	1700		110	190	ug/Kg
86-74-8	Carbazole	1800		92.8	190	ug/Kg
84-74-2	Di-n-butylphthalate	1900		110	190	ug/Kg
206-44-0	Fluoranthene	1900		100	190	ug/Kg
129-00-0	Pyrene	1800		91.5	190	ug/Kg
85-68-7	Butylbenzylphthalate	1900		110	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2000		180	360	ug/Kg
56-55-3	Benzo(a)anthracene	1800		91.7	190	ug/Kg
218-01-9	Chrysene	1700		94.9	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		130	190	ug/Kg
117-84-0	Di-n-octyl phthalate	2000		130	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900		87.8	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		96.3	190	ug/Kg
50-32-8	Benzo(a)pyrene	1700		100	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		120	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		110	190	ug/Kg

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	1700		100	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1700		97.8	190	ug/Kg
123-91-1	1,4-Dioxane	1300		130	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800		90.6	190	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	98.6		18 - 112	66%	SPK: 150
13127-88-3	Phenol-d6	101		21 - 104	68%	SPK: 150
4165-60-0	Nitrobenzene-d5	65.1		27 - 109	65%	SPK: 100
321-60-8	2-Fluorobiphenyl	65.3		30 - 103	65%	SPK: 100
118-79-6	2,4,6-Tribromophenol	106		10 - 121	71%	SPK: 150
1718-51-0	Terphenyl-d14	71.1		21 - 107	71%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	193000	7.804			
1146-65-2	Naphthalene-d8	742000	10.61			
15067-26-2	Acenaphthene-d10	413000	14.468			
1517-22-2	Phenanthrene-d10	855000	17.227			
1719-03-5	Chrysene-d12	829000	21.427			
1520-96-3	Perylene-d12	953000	23.797			

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