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)	SDG No.:	O3645
Lab Sample ID:	O3645-02	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	91.3
Sample Wt/Vol:	30.08 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
BF134557.D	1	07/18/23 09:45	08/01/23 19:56	PB154258

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	360	U	160	360	ug/Kg
108-95-2	Phenol	190	U	81.3	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	190	U	98.1	190	ug/Kg
95-57-8	2-Chlorophenol	190	U	78.7	190	ug/Kg
95-48-7	2-Methylphenol	190	U	120	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	190	U	110	190	ug/Kg
98-86-2	Acetophenone	190	U	94.7	190	ug/Kg
65794-96-9	3+4-Methylphenols	360	U	120	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	87.4	U	64.5	87.4	ug/Kg
67-72-1	Hexachloroethane	190	U	80.4	190	ug/Kg
98-95-3	Nitrobenzene	190	U	82.1	190	ug/Kg
78-59-1	Isophorone	190	U	74.4	190	ug/Kg
88-75-5	2-Nitrophenol	190	U	100	190	ug/Kg
105-67-9	2,4-Dimethylphenol	190	U	110	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	190	U	120	190	ug/Kg
120-83-2	2,4-Dichlorophenol	190	U	85.3	190	ug/Kg
91-20-3	Naphthalene	190	U	88.9	190	ug/Kg
106-47-8	4-Chloroaniline	190	U	110	190	ug/Kg
87-68-3	Hexachlorobutadiene	190	U	91.8	190	ug/Kg
105-60-2	Caprolactam	360	U	130	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	190	U	90.1	190	ug/Kg
91-57-6	2-Methylnaphthalene	190	U	100	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	360	U	230	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	190	U	84.2	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	190	U	96.0	190	ug/Kg
92-52-4	1,1-Biphenyl	190	U	99.7	190	ug/Kg
91-58-7	2-Chloronaphthalene	190	U	92.4	190	ug/Kg
88-74-4	2-Nitroaniline	190	U	110	190	ug/Kg
131-11-3	Dimethylphthalate	150	J	97.1	190	ug/Kg
208-96-8	Acenaphthylene	190	U	96.6	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	190	U	98.3	190	ug/Kg

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99-09-2	3-Nitroaniline	190	U	100	190	ug/Kg
83-32-9	Acenaphthene	190	U	87.7	190	ug/Kg
51-28-5	2,4-Dinitrophenol	360	U	200	360	ug/Kg
100-02-7	4-Nitrophenol	360	U	120	360	ug/Kg
132-64-9	Dibenzofuran	190	U	84.0	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	190	U	110	190	ug/Kg
84-66-2	Diethylphthalate	190	U	93.8	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	190	U	98.8	190	ug/Kg
86-73-7	Fluorene	190	U	92.6	190	ug/Kg
100-01-6	4-Nitroaniline	190	U	110	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	360	U	95.9	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	190	U	100	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	190	U	110	190	ug/Kg
118-74-1	Hexachlorobenzene	190	U	110	190	ug/Kg
1912-24-9	Atrazine	190	U	100	190	ug/Kg
87-86-5	Pentachlorophenol	360	U	120	360	ug/Kg
85-01-8	Phenanthrene	120	J	100	190	ug/Kg
120-12-7	Anthracene	190	U	110	190	ug/Kg
86-74-8	Carbazole	190	U	92.7	190	ug/Kg
84-74-2	Di-n-butylphthalate	190	U	110	190	ug/Kg
206-44-0	Fluoranthene	150	J	100	190	ug/Kg
129-00-0	Pyrene	140	J	91.4	190	ug/Kg
85-68-7	Butylbenzylphthalate	190	U	110	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	360	U	180	360	ug/Kg
56-55-3	Benzo(a)anthracene	190	U	91.7	190	ug/Kg
218-01-9	Chrysene	190	U	94.8	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190	U	130	190	ug/Kg
117-84-0	Di-n-octyl phthalate	360	U	130	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	J	87.7	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	U	96.2	190	ug/Kg
50-32-8	Benzo(a)pyrene	190	U	100	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	U	120	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	190	U	110	190	ug/Kg

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191-24-2	Benzo(g,h,i)perylene	190	U	100	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	190	U	97.7	190	ug/Kg
123-91-1	1,4-Dioxane	190	U	130	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	190	U	90.6	190	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	98.7		18 - 112	66%	SPK: 150
13127-88-3	Phenol-d6	101		21 - 104	67%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.6		27 - 109	78%	SPK: 100
321-60-8	2-Fluorobiphenyl	72.3		30 - 103	72%	SPK: 100
118-79-6	2,4,6-Tribromophenol	110		10 - 121	73%	SPK: 150
1718-51-0	Terphenyl-d14	80.3		21 - 107	80%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	205000	6.792			
1146-65-2	Naphthalene-d8	825000	8.069			
15067-26-2	Acenaphthene-d10	411000	9.822			
1517-22-2	Phenanthrene-d10	731000	11.31			
1719-03-5	Chrysene-d12	405000	13.951			
1520-96-3	Perylene-d12	445000	15.409			
TENTATIVE IDENTIFIED COMPOUNDS						
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	130	J		9.27	ug/Kg
000057-10-3	n-Hexadecanoic acid	200	J		11.9	ug/Kg
000057-11-4	Octadecanoic acid	75.4	J		12.6	ug/Kg
074685-30-6	5-Eicosene, (E)-	230	J		13.8	ug/Kg
000192-97-2	Benzo[e]pyrene	75.4	J		15.3	ug/Kg

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