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-02-(3-5)	SDG No.:	O3645
Lab Sample ID:	O3645-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	86.3
Sample Wt/Vol:	30.04 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
BF134527.D	1	07/18/23 09:45	07/28/23 21:40	PB154258

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	380	U	170	380	ug/Kg
108-95-2	Phenol	200	U	86.1	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	200	U	100	200	ug/Kg
95-57-8	2-Chlorophenol	200	U	83.3	200	ug/Kg
95-48-7	2-Methylphenol	200	U	130	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	200	U	120	200	ug/Kg
98-86-2	Acetophenone	200	U	100	200	ug/Kg
65794-96-9	3+4-Methylphenols	380	U	120	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	92.6	U	68.3	92.6	ug/Kg
67-72-1	Hexachloroethane	200	U	85.2	200	ug/Kg
98-95-3	Nitrobenzene	200	U	87.0	200	ug/Kg
78-59-1	Isophorone	200	U	78.8	200	ug/Kg
88-75-5	2-Nitrophenol	200	U	110	200	ug/Kg
105-67-9	2,4-Dimethylphenol	200	U	120	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	200	U	130	200	ug/Kg
120-83-2	2,4-Dichlorophenol	200	U	90.4	200	ug/Kg
91-20-3	Naphthalene	200	U	94.2	200	ug/Kg
106-47-8	4-Chloroaniline	200	U	120	200	ug/Kg
87-68-3	Hexachlorobutadiene	200	U	97.2	200	ug/Kg
105-60-2	Caprolactam	380	U	140	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	200	U	95.5	200	ug/Kg
91-57-6	2-Methylnaphthalene	200	U	110	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	380	U	240	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	200	U	89.2	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	200	U	100	200	ug/Kg
92-52-4	1,1-Biphenyl	200	U	110	200	ug/Kg
91-58-7	2-Chloronaphthalene	200	U	97.9	200	ug/Kg
88-74-4	2-Nitroaniline	200	U	110	200	ug/Kg
131-11-3	Dimethylphthalate	570		100	200	ug/Kg
208-96-8	Acenaphthylene	200	U	100	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	200	U	100	200	ug/Kg

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99-09-2	3-Nitroaniline	200	U	110	200	ug/Kg
83-32-9	Acenaphthene	200	U	92.9	200	ug/Kg
51-28-5	2,4-Dinitrophenol	380	U	210	380	ug/Kg
100-02-7	4-Nitrophenol	380	U	130	380	ug/Kg
132-64-9	Dibenzofuran	200	U	89.0	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	200	U	120	200	ug/Kg
84-66-2	Diethylphthalate	200	U	99.4	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	200	U	100	200	ug/Kg
86-73-7	Fluorene	200	U	98.1	200	ug/Kg
100-01-6	4-Nitroaniline	200	U	120	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	380	U	100	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	200	U	110	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	200	U	110	200	ug/Kg
118-74-1	Hexachlorobenzene	200	U	110	200	ug/Kg
1912-24-9	Atrazine	200	U	110	200	ug/Kg
87-86-5	Pentachlorophenol	380	U	130	380	ug/Kg
85-01-8	Phenanthrene	200	U	110	200	ug/Kg
120-12-7	Anthracene	200	U	120	200	ug/Kg
86-74-8	Carbazole	200	U	98.2	200	ug/Kg
84-74-2	Di-n-butylphthalate	200	U	120	200	ug/Kg
206-44-0	Fluoranthene	200	U	110	200	ug/Kg
129-00-0	Pyrene	200	U	96.9	200	ug/Kg
85-68-7	Butylbenzylphthalate	200	U	120	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	380	U	190	380	ug/Kg
56-55-3	Benzo(a)anthracene	200	U	97.1	200	ug/Kg
218-01-9	Chrysene	200	U	100	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	200	U	130	200	ug/Kg
117-84-0	Di-n-octyl phthalate	380	U	140	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	200	U	92.9	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	200	U	100	200	ug/Kg
50-32-8	Benzo(a)pyrene	200	U	110	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	200	U	120	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	200	U	110	200	ug/Kg

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191-24-2	Benzo(g,h,i)perylene	200	U	110	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	200	U	100	200	ug/Kg
123-91-1	1,4-Dioxane	200	U	140	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	200	U	95.9	200	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	127		18 - 112	85%	SPK: 150
13127-88-3	Phenol-d6	125		21 - 104	83%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.7		27 - 109	78%	SPK: 100
321-60-8	2-Fluorobiphenyl	86.6		30 - 103	87%	SPK: 100
118-79-6	2,4,6-Tribromophenol	99.7		10 - 121	66%	SPK: 150
1718-51-0	Terphenyl-d14	80.0		21 - 107	80%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	80500	6.834			
1146-65-2	Naphthalene-d8	306000	8.11			
15067-26-2	Acenaphthene-d10	133000	9.863			
1517-22-2	Phenanthrene-d10	192000	11.363			
1719-03-5	Chrysene-d12	143000	14.021			
1520-96-3	Perylene-d12	102000	15.521			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	810	J		2.13	ug/Kg
000057-10-3	n-Hexadecanoic acid	330	J		11.9	ug/Kg
1000406-04-8	Pentadecafluorooctanoic acid, octa	360	J		13.9	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