

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	Mackenna Parcels	Date Received:	
Client Sample ID:	PB154258BL	SDG No.:	O3645
Lab Sample ID:	PB154258BL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30 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
BF134356.D	1	07/18/23 09:45	07/19/23 13:34	PB154258

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	330	U	150	330	ug/Kg
108-95-2	Phenol	170	U	74.4	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	170	U	89.8	170	ug/Kg
95-57-8	2-Chlorophenol	170	U	72.0	170	ug/Kg
95-48-7	2-Methylphenol	170	U	110	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	170	U	110	170	ug/Kg
98-86-2	Acetophenone	170	U	86.7	170	ug/Kg
65794-96-9	3+4-Methylphenols	330	U	110	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	80.0	U	59.0	80.0	ug/Kg
67-72-1	Hexachloroethane	170	U	73.6	170	ug/Kg
98-95-3	Nitrobenzene	170	U	75.2	170	ug/Kg
78-59-1	Isophorone	170	U	68.1	170	ug/Kg
88-75-5	2-Nitrophenol	170	U	95.1	170	ug/Kg
105-67-9	2,4-Dimethylphenol	170	U	99.6	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	170	U	110	170	ug/Kg
120-83-2	2,4-Dichlorophenol	170	U	78.1	170	ug/Kg
91-20-3	Naphthalene	170	U	81.4	170	ug/Kg
106-47-8	4-Chloroaniline	170	U	110	170	ug/Kg
87-68-3	Hexachlorobutadiene	170	U	84.0	170	ug/Kg
105-60-2	Caprolactam	330	U	120	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	170	U	82.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	170	U	94.9	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	330	U	210	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	170	U	77.1	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	170	U	87.9	170	ug/Kg
92-52-4	1,1-Biphenyl	170	U	91.3	170	ug/Kg
91-58-7	2-Chloronaphthalene	170	U	84.6	170	ug/Kg
88-74-4	2-Nitroaniline	170	U	99.3	170	ug/Kg
131-11-3	Dimethylphthalate	170	U	88.9	170	ug/Kg
208-96-8	Acenaphthylene	170	U	88.4	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	170	U	90.0	170	ug/Kg

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99-09-2	3-Nitroaniline	170	U	93.4	170	ug/Kg
83-32-9	Acenaphthene	170	U	80.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	180	330	ug/Kg
100-02-7	4-Nitrophenol	330	U	110	330	ug/Kg
132-64-9	Dibenzofuran	170	U	76.9	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	170	U	99.9	170	ug/Kg
84-66-2	Diethylphthalate	170	U	85.9	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	170	U	90.4	170	ug/Kg
86-73-7	Fluorene	170	U	84.8	170	ug/Kg
100-01-6	4-Nitroaniline	170	U	100	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	330	U	87.8	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	170	U	93.3	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	170	U	97.4	170	ug/Kg
118-74-1	Hexachlorobenzene	170	U	98.8	170	ug/Kg
1912-24-9	Atrazine	170	U	95.4	170	ug/Kg
87-86-5	Pentachlorophenol	330	U	110	330	ug/Kg
85-01-8	Phenanthrene	170	U	92.7	170	ug/Kg
120-12-7	Anthracene	170	U	100	170	ug/Kg
86-74-8	Carbazole	170	U	84.9	170	ug/Kg
84-74-2	Di-n-butylphthalate	170	U	100	170	ug/Kg
206-44-0	Fluoranthene	170	U	94.4	170	ug/Kg
129-00-0	Pyrene	170	U	83.7	170	ug/Kg
85-68-7	Butylbenzylphthalate	170	U	100	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	330	U	160	330	ug/Kg
56-55-3	Benzo(a)anthracene	170	U	83.9	170	ug/Kg
218-01-9	Chrysene	170	U	86.8	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	U	120	170	ug/Kg
117-84-0	Di-n-octyl phthalate	330	U	120	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	U	80.3	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	U	88.1	170	ug/Kg
50-32-8	Benzo(a)pyrene	170	U	94.3	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	U	110	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	U	96.5	170	ug/Kg

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191-24-2	Benzo(g,h,i)perylene	170	U	92.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	170	U	89.4	170	ug/Kg
123-91-1	1,4-Dioxane	170	U	120	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	170	U	82.9	170	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	163		18 - 112	109%	SPK: 150
13127-88-3	Phenol-d6	128		21 - 104	85%	SPK: 150
4165-60-0	Nitrobenzene-d5	92.1		27 - 109	92%	SPK: 100
321-60-8	2-Fluorobiphenyl	89.6		30 - 103	90%	SPK: 100
118-79-6	2,4,6-Tribromophenol	149		10 - 121	100%	SPK: 150
1718-51-0	Terphenyl-d14	84.1		21 - 107	84%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	76900	6.84
1146-65-2	Naphthalene-d8	293000	8.116
15067-26-2	Acenaphthene-d10	157000	9.875
1517-22-2	Phenanthrene-d10	314000	11.369
1719-03-5	Chrysene-d12	231000	14.033
1520-96-3	Perylene-d12	205000	15.539

TENTATIVE IDENTIFIED COMPOUNDS

000763-93-9	3-Hexen-2-one	2300	J	4.49	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3500	A	5.10	ug/Kg
000107-70-0	2-Pentanone, 4-methoxy-4-methyl-	78.7	J	5.86	ug/Kg
000791-28-6	Triphenylphosphine oxide	74.0	J	14.1	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