

Report of Analysis

Client:	RMJ Environomics, Inc.	Date Collected:	11/03/23
Project:	245 Greenwood Ave	Date Received:	11/03/23
Client Sample ID:	WASTE	SDG No.:	O5252
Lab Sample ID:	O5252-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	90.6
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BM042698.D	5	11/06/23 09:48	11/10/23 19:10	PB156921

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	0.82	U	0.82	1.80	mg/Kg
108-95-2	Phenol	0.41	U	0.41	0.94	mg/Kg
111-44-4	bis(2-Chloroethyl)ether	0.49	U	0.49	0.94	mg/Kg
95-57-8	2-Chlorophenol	0.40	U	0.40	0.94	mg/Kg
95-48-7	2-Methylphenol	0.63	U	0.63	0.94	mg/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	0.58	U	0.58	0.94	mg/Kg
98-86-2	Acetophenone	0.48	U	0.48	0.94	mg/Kg
65794-96-9	3+4-Methylphenols	0.60	U	0.60	1.80	mg/Kg
621-64-7	n-Nitroso-di-n-propylamine	0.33	U	0.33	0.44	mg/Kg
67-72-1	Hexachloroethane	0.41	U	0.41	0.94	mg/Kg
98-95-3	Nitrobenzene	0.41	U	0.41	0.94	mg/Kg
78-59-1	Isophorone	0.38	U	0.38	0.94	mg/Kg
88-75-5	2-Nitrophenol	0.52	U	0.52	0.94	mg/Kg
105-67-9	2,4-Dimethylphenol	0.55	U	0.55	0.94	mg/Kg
111-91-1	bis(2-Chloroethoxy)methane	0.62	U	0.62	0.94	mg/Kg
120-83-2	2,4-Dichlorophenol	0.43	U	0.43	0.94	mg/Kg
91-20-3	Naphthalene	0.45	U	0.45	0.94	mg/Kg
106-47-8	4-Chloroaniline	0.58	UQ	0.58	0.94	mg/Kg
87-68-3	Hexachlorobutadiene	0.46	U	0.46	0.94	mg/Kg
105-60-2	Caprolactam	0.64	U	0.64	1.80	mg/Kg
59-50-7	4-Chloro-3-methylphenol	0.45	U	0.45	0.94	mg/Kg
91-57-6	2-Methylnaphthalene	0.52	U	0.52	0.94	mg/Kg
77-47-4	Hexachlorocyclopentadiene	1.20	U	1.20	1.80	mg/Kg
88-06-2	2,4,6-Trichlorophenol	0.42	U	0.42	0.94	mg/Kg
95-95-4	2,4,5-Trichlorophenol	0.48	U	0.48	0.94	mg/Kg
92-52-4	1,1-Biphenyl	0.50	U	0.50	0.94	mg/Kg
91-58-7	2-Chloronaphthalene	0.47	U	0.47	0.94	mg/Kg
88-74-4	2-Nitroaniline	0.55	U	0.55	0.94	mg/Kg
131-11-3	Dimethylphthalate	0.49	U	0.49	0.94	mg/Kg
208-96-8	Acenaphthylene	0.49	U	0.49	0.94	mg/Kg
606-20-2	2,6-Dinitrotoluene	0.50	U	0.50	0.94	mg/Kg

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99-09-2	3-Nitroaniline	0.51	U	0.51	0.94	mg/Kg
83-32-9	Acenaphthene	0.44	U	0.44	0.94	mg/Kg
51-28-5	2,4-Dinitrophenol	0.99	U	0.99	1.80	mg/Kg
100-02-7	4-Nitrophenol	0.63	U	0.63	1.80	mg/Kg
132-64-9	Dibenzofuran	0.42	U	0.42	0.94	mg/Kg
121-14-2	2,4-Dinitrotoluene	0.55	U	0.55	0.94	mg/Kg
84-66-2	Diethylphthalate	0.47	U	0.47	0.94	mg/Kg
7005-72-3	4-Chlorophenyl-phenylether	0.50	U	0.50	0.94	mg/Kg
86-73-7	Fluorene	0.47	U	0.47	0.94	mg/Kg
100-01-6	4-Nitroaniline	0.57	U	0.57	0.94	mg/Kg
534-52-1	4,6-Dinitro-2-methylphenol	0.48	U	0.48	1.80	mg/Kg
86-30-6	n-Nitrosodiphenylamine	0.51	U	0.51	0.94	mg/Kg
101-55-3	4-Bromophenyl-phenylether	0.54	U	0.54	0.94	mg/Kg
118-74-1	Hexachlorobenzene	0.54	U	0.54	0.94	mg/Kg
1912-24-9	Atrazine	0.53	U	0.53	0.94	mg/Kg
87-86-5	Pentachlorophenol	0.61	U	0.61	1.80	mg/Kg
85-01-8	Phenanthrene	0.51	U	0.51	0.94	mg/Kg
120-12-7	Anthracene	0.56	U	0.56	0.94	mg/Kg
86-74-8	Carbazole	0.47	U	0.47	0.94	mg/Kg
84-74-2	Di-n-butylphthalate	0.57	U	0.57	0.94	mg/Kg
206-44-0	Fluoranthene	0.52	U	0.52	0.94	mg/Kg
129-00-0	Pyrene	0.46	U	0.46	0.94	mg/Kg
85-68-7	Butylbenzylphthalate	0.57	U	0.57	0.94	mg/Kg
91-94-1	3,3-Dichlorobenzidine	0.89	U	0.89	1.80	mg/Kg
56-55-3	Benzo(a)anthracene	0.46	U	0.46	0.94	mg/Kg
218-01-9	Chrysene	0.48	U	0.48	0.94	mg/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	0.69	J	0.63	0.94	mg/Kg
117-84-0	Di-n-octyl phthalate	0.68	U	0.68	1.80	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.44	U	0.44	0.94	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.49	U	0.49	0.94	mg/Kg
50-32-8	Benzo(a)pyrene	0.52	U	0.52	0.94	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	0.59	0.94	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.53	U	0.53	0.94	mg/Kg

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191-24-2	Benzo(g,h,i)perylene	0.51	U	0.51	0.94	mg/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	0.49	U	0.49	0.94	mg/Kg
123-91-1	1,4-Dioxane	0.64	U	0.64	0.94	mg/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	0.46	U	0.46	0.94	mg/Kg

SURROGATES

367-12-4	2-Fluorophenol	86.3		30 (18) - 130 (112)	58%	SPK: 150
13127-88-3	Phenol-d6	81.2		30 (15) - 130 (107)	54%	SPK: 150
4165-60-0	Nitrobenzene-d5	60.6		30 (18) - 130 (107)	61%	SPK: 100
321-60-8	2-Fluorobiphenyl	62.8		30 (20) - 130 (109)	63%	SPK: 100
118-79-6	2,4,6-Tribromophenol	92.7		30 (10) - 130 (110)	62%	SPK: 150
1718-51-0	Terphenyl-d14	63.8		30 (14) - 130 (112)	64%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	62700	7.846
1146-65-2	Naphthalene-d8	245000	10.663
15067-26-2	Acenaphthene-d10	160000	14.504
1517-22-2	Phenanthrene-d10	308000	17.257
1719-03-5	Chrysene-d12	233000	21.439
1520-96-3	Perylene-d12	261000	23.821

TENTATIVE IDENTIFIED COMPOUNDS

001582-09-8	Trifluralin	650	J	15.8	ug/Kg
029091-21-2	1,3-Benzenediamine, 2,4-dinitro-N3	3100	J	18.0	ug/Kg
000057-10-3	n-Hexadecanoic acid	970	J	18.1	ug/Kg
867164-58-7	7-Hydroxyquinoline, tert-butylidime	380	J	19.3	ug/Kg
000646-30-0	Nonadecanoic acid	500	J	19.4	ug/Kg
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	500	J	19.7	ug/Kg
082657-04-3	Bifenthrin	21900	J	21.1	ug/Kg
006422-86-2	1,4-Benzenedicarboxylic acid, bis(	810	J	22.3	ug/Kg

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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