

Report of Analysis

Client:	Yannuzzi Group, Inc.	Date Collected:	10/21/24
Project:	86 Davidson Road, Piscataway, NJ	Date Received:	10/21/24
Client Sample ID:	TP-1MS	SDG No.:	P4474
Lab Sample ID:	P4467-01MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	90.7
Sample Wt/Vol:	50.03 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
BF140004.D	1	10/22/24 10:44	10/24/24 16:48	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	290		120	220	ug/Kg
108-95-2	Phenol	960		54.8	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	950		55.3	110	ug/Kg
95-57-8	2-Chlorophenol	990		55.2	110	ug/Kg
95-48-7	2-Methylphenol	960		53.3	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	910		60.1	110	ug/Kg
98-86-2	Acetophenone	950		57.5	110	ug/Kg
65794-96-9	3+4-Methylphenols	920		52.8	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	930		26.6	52.9	ug/Kg
67-72-1	Hexachloroethane	940		54.9	110	ug/Kg
98-95-3	Nitrobenzene	930		60.0	110	ug/Kg
78-59-1	Isophorone	970		55.9	110	ug/Kg
88-75-5	2-Nitrophenol	1200		62.5	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		61.6	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	950		56.7	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		49.9	110	ug/Kg
91-20-3	Naphthalene	950		54.6	110	ug/Kg
106-47-8	4-Chloroaniline	350		54.6	110	ug/Kg
87-68-3	Hexachlorobutadiene	970		55.1	110	ug/Kg
105-60-2	Caprolactam	990		57.4	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	960		51.2	110	ug/Kg
91-57-6	2-Methylnaphthalene	970		54.5	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3500	E	100	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000		47.2	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	990		48.9	110	ug/Kg
92-52-4	1,1-Biphenyl	980		57.8	110	ug/Kg
91-58-7	2-Chloronaphthalene	960		55.1	110	ug/Kg
88-74-4	2-Nitroaniline	1100		62.8	110	ug/Kg
131-11-3	Dimethylphthalate	1000		54.0	110	ug/Kg

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208-96-8	Acenaphthylene	1000		57.2	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		55.0	110	ug/Kg
99-09-2	3-Nitroaniline	660		59.0	110	ug/Kg
83-32-9	Acenaphthene	1100		53.6	110	ug/Kg
51-28-5	2,4-Dinitrophenol	2200	E	160	220	ug/Kg
100-02-7	4-Nitrophenol	2000	E	76.7	220	ug/Kg
132-64-9	Dibenzofuran	980		55.8	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		57.0	110	ug/Kg
84-66-2	Diethylphthalate	990		53.0	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	980		56.6	110	ug/Kg
86-73-7	Fluorene	960		56.5	110	ug/Kg
100-01-6	4-Nitroaniline	1000		70.7	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300		77.4	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		53.9	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		52.2	110	ug/Kg
118-74-1	Hexachlorobenzene	1000		56.2	110	ug/Kg
1912-24-9	Atrazine	1200		60.4	110	ug/Kg
87-86-5	Pentachlorophenol	1800	E	51.1	220	ug/Kg
85-01-8	Phenanthrene	980		55.5	110	ug/Kg
120-12-7	Anthracene	1000		55.8	110	ug/Kg
86-74-8	Carbazole	910		53.1	110	ug/Kg
84-74-2	Di-n-butylphthalate	1000		55.7	110	ug/Kg
206-44-0	Fluoranthene	860		54.0	110	ug/Kg
129-00-0	Pyrene	910		54.9	110	ug/Kg
85-68-7	Butylbenzylphthalate	1200		64.0	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	780		65.2	220	ug/Kg
56-55-3	Benzo(a)anthracene	1000		53.4	110	ug/Kg
218-01-9	Chrysene	980		52.6	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		60.2	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1200		72.7	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	880		53.6	110	ug/Kg

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207-08-9	Benzo(k)fluoranthene	1000		54.6	110	ug/Kg
50-32-8	Benzo(a)pyrene	1100		61.5	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		51.6	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		53.7	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	870		53.0	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	990		57.4	110	ug/Kg
123-91-1	1,4-Dioxane	840		72.7	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		49.4	110	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	83.4		30 (18) - 130 (112)	56%	SPK: 150
13127-88-3	Phenol-d6	81.7		30 (15) - 130 (107)	54%	SPK: 150
4165-60-0	Nitrobenzene-d5	61.8		30 (18) - 130 (107)	62%	SPK: 100
321-60-8	2-Fluorobiphenyl	58.9		30 (20) - 130 (109)	59%	SPK: 100
118-79-6	2,4,6-Tribromophenol	96.0		30 (10) - 130 (116)	64%	SPK: 150
1718-51-0	Terphenyl-d14	55.7		30 (10) - 130 (105)	56%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	151000	6.893
1146-65-2	Naphthalene-d8	576000	8.175
15067-26-2	Acenaphthene-d10	315000	9.928
1517-22-2	Phenanthrene-d10	529000	11.416
1719-03-5	Chrysene-d12	268000	14.051
1520-96-3	Perylene-d12	361000	15.533

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