

Report of Analysis

Client:	Yannuzzi Group, Inc.	Date Collected:	10/18/24
Project:	86 Davidson Road, Piscataway, NJ	Date Received:	10/21/24
Client Sample ID:	TS-2	SDG No.:	P4474
Lab Sample ID:	P4474-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	48.2
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		GPC Factor :	1.0
Prep Method :	SW3541	Level :	LOW
		Test:	SVOC-TCL BNA -20
		GPC Cleanup :	N
		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139984.D	1	10/22/24 10:44	10/24/24 00:40	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	380	U	380	680	ug/Kg
108-95-2	Phenol	170	U	170	350	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	170	U	170	350	ug/Kg
95-57-8	2-Chlorophenol	170	U	170	350	ug/Kg
95-48-7	2-Methylphenol	170	U	170	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	190	U	190	350	ug/Kg
98-86-2	Acetophenone	180	U	180	350	ug/Kg
65794-96-9	3+4-Methylphenols	170	U	170	680	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	83.4	U	83.4	170	ug/Kg
67-72-1	Hexachloroethane	170	U	170	350	ug/Kg
98-95-3	Nitrobenzene	190	U	190	350	ug/Kg
78-59-1	Isophorone	180	U	180	350	ug/Kg
88-75-5	2-Nitrophenol	200	U	200	350	ug/Kg
105-67-9	2,4-Dimethylphenol	190	U	190	350	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	180	U	180	350	ug/Kg
120-83-2	2,4-Dichlorophenol	160	U	160	350	ug/Kg
91-20-3	Naphthalene	170	U	170	350	ug/Kg
106-47-8	4-Chloroaniline	170	U	170	350	ug/Kg
87-68-3	Hexachlorobutadiene	170	U	170	350	ug/Kg
105-60-2	Caprolactam	180	U	180	680	ug/Kg
59-50-7	4-Chloro-3-methylphenol	160	U	160	350	ug/Kg
91-57-6	2-Methylnaphthalene	170	U	170	350	ug/Kg
77-47-4	Hexachlorocyclopentadiene	320	UQ	320	680	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	150	350	ug/Kg
95-95-4	2,4,5-Trichlorophenol	150	U	150	350	ug/Kg
92-52-4	1,1-Biphenyl	180	U	180	350	ug/Kg
91-58-7	2-Chloronaphthalene	170	U	170	350	ug/Kg
88-74-4	2-Nitroaniline	200	U	200	350	ug/Kg
131-11-3	Dimethylphthalate	170	U	170	350	ug/Kg

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208-96-8	Acenaphthylene	180	U	180	350	ug/Kg
606-20-2	2,6-Dinitrotoluene	170	U	170	350	ug/Kg
99-09-2	3-Nitroaniline	180	U	180	350	ug/Kg
83-32-9	Acenaphthene	170	U	170	350	ug/Kg
51-28-5	2,4-Dinitrophenol	500	U	500	680	ug/Kg
100-02-7	4-Nitrophenol	240	U	240	680	ug/Kg
132-64-9	Dibenzofuran	170	U	170	350	ug/Kg
121-14-2	2,4-Dinitrotoluene	180	U	180	350	ug/Kg
84-66-2	Diethylphthalate	170	U	170	350	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	180	U	180	350	ug/Kg
86-73-7	Fluorene	180	U	180	350	ug/Kg
100-01-6	4-Nitroaniline	220	U	220	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	240	UQ	240	680	ug/Kg
86-30-6	n-Nitrosodiphenylamine	170	U	170	350	ug/Kg
101-55-3	4-Bromophenyl-phenylether	160	U	160	350	ug/Kg
118-74-1	Hexachlorobenzene	180	U	180	350	ug/Kg
1912-24-9	Atrazine	190	U	190	350	ug/Kg
87-86-5	Pentachlorophenol	160	U	160	680	ug/Kg
85-01-8	Phenanthrene	170	U	170	350	ug/Kg
120-12-7	Anthracene	170	U	170	350	ug/Kg
86-74-8	Carbazole	170	U	170	350	ug/Kg
84-74-2	Di-n-butylphthalate	170	U	170	350	ug/Kg
206-44-0	Fluoranthene	170	U	170	350	ug/Kg
129-00-0	Pyrene	170	U	170	350	ug/Kg
85-68-7	Butylbenzylphthalate	200	U	200	350	ug/Kg
91-94-1	3,3-Dichlorobenzidine	200	U	200	680	ug/Kg
56-55-3	Benzo(a)anthracene	170	U	170	350	ug/Kg
218-01-9	Chrysene	160	U	160	350	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190	U	190	350	ug/Kg
117-84-0	Di-n-octyl phthalate	230	U	230	680	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	U	170	350	ug/Kg

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207-08-9	Benzo(k)fluoranthene	170	U	170	350	ug/Kg
50-32-8	Benzo(a)pyrene	190	U	190	350	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	U	160	350	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	U	170	350	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	U	170	350	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	180	U	180	350	ug/Kg
123-91-1	1,4-Dioxane	230	U	230	350	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	150	U	150	350	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	84.9		30 (18) - 130 (112)	57%	SPK: 150
13127-88-3	Phenol-d6	78.7		30 (15) - 130 (107)	52%	SPK: 150
4165-60-0	Nitrobenzene-d5	65.4		30 (18) - 130 (107)	65%	SPK: 100
321-60-8	2-Fluorobiphenyl	62.9		30 (20) - 130 (109)	63%	SPK: 100
118-79-6	2,4,6-Tribromophenol	82.6		30 (10) - 130 (116)	55%	SPK: 150
1718-51-0	Terphenyl-d14	38.0		30 (10) - 130 (105)	38%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	131000	6.892
1146-65-2	Naphthalene-d8	464000	8.169
15067-26-2	Acenaphthene-d10	219000	9.928
1517-22-2	Phenanthrene-d10	349000	11.41
1719-03-5	Chrysene-d12	324000	14.051
1520-96-3	Perylene-d12	250000	15.527

TENTATIVE IDENTIFIED COMPOUNDS

000994-05-8	Butane, 2-methoxy-2-methyl-	4900	JB	2.20	ug/Kg
000119-61-9	Benzophenone	270	J	10.6	ug/Kg
002416-19-5	cis-7-Hexadecenoic acid	200	J	11.9	ug/Kg
000057-10-3	n-Hexadecanoic acid	1300	J	11.9	ug/Kg
006566-19-4	10,18-Bisnorabieta-5,7,9(10),11,13	520	J	12.7	ug/Kg
000057-11-4	Octadecanoic acid	430	J	12.7	ug/Kg
020257-75-4	(E)-3-Methyl-5-((1R,4aR,8aR)-5,5,8	190	J	13.5	ug/Kg

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000295-48-7	Cyclopentadecane	760	J		13.9	ug/Kg
001599-67-3	1-Docosene	540	J		14.5	ug/Kg
007683-64-9	Supraene	340	J		14.9	ug/Kg
054833-48-6	Heptadecane, 2,6,10,15-tetramethyl	410	J		15.2	ug/Kg
000630-01-3	Hexacosane	330	J		16.0	ug/Kg
	unknown16.163	600	J		16.2	ug/Kg
001615-91-4	A-Neogammacer-22(29)-ene	860	J		17.1	ug/Kg
000432-11-1	Olean-18-ene	980	J		17.4	ug/Kg
000083-47-6	.gamma.-Sitosterol	1500	J		17.7	ug/Kg
000514-07-8	D-Friedoolean-14-en-3-one	2600	J		17.7	ug/Kg
081654-73-1	D-Friedoolean-14-en-3-ol	1600	J		18.0	ug/Kg
001616-93-9	Olean-12-en-3-ol, acetate, (3.beta	780	J		18.1	ug/Kg
1000513-01-3	Epilupeol; 20(29)-Lupen-3alpha-ol	590	J		18.5	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