

Report of Analysis

Client:	Furino and Sons, Inc.	Date Collected:	11/06/24
Project:	PPE Contamination	Date Received:	11/06/24
Client Sample ID:	PPE-COMP	SDG No.:	P4732
Lab Sample ID:	P4732-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	5.06 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
BF140291.D	1	11/07/24 09:20	11/08/24 11:54	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1100	U	1100	2000	ug/Kg
108-95-2	Phenol	490	U	490	1000	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	500	U	500	1000	ug/Kg
95-57-8	2-Chlorophenol	500	U	500	1000	ug/Kg
95-48-7	2-Methylphenol	480	U	480	1000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	540	U	540	1000	ug/Kg
98-86-2	Acetophenone	520	U	520	1000	ug/Kg
65794-96-9	3+4-Methylphenols	470	U	470	2000	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	240	U	240	470	ug/Kg
67-72-1	Hexachloroethane	490	U	490	1000	ug/Kg
98-95-3	Nitrobenzene	540	U	540	1000	ug/Kg
78-59-1	Isophorone	500	U	500	1000	ug/Kg
88-75-5	2-Nitrophenol	560	U	560	1000	ug/Kg
105-67-9	2,4-Dimethylphenol	550	U	550	1000	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	510	U	510	1000	ug/Kg
120-83-2	2,4-Dichlorophenol	450	U	450	1000	ug/Kg
91-20-3	Naphthalene	490	U	490	1000	ug/Kg
106-47-8	4-Chloroaniline	490	U	490	1000	ug/Kg
87-68-3	Hexachlorobutadiene	490	U	490	1000	ug/Kg
105-60-2	Caprolactam	510	U	510	2000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	460	U	460	1000	ug/Kg
91-57-6	2-Methylnaphthalene	490	U	490	1000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	920	UQ	920	2000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	420	U	420	1000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	440	U	440	1000	ug/Kg
92-52-4	1,1-Biphenyl	520	U	520	1000	ug/Kg
91-58-7	2-Chloronaphthalene	490	U	490	1000	ug/Kg
88-74-4	2-Nitroaniline	560	U	560	1000	ug/Kg
131-11-3	Dimethylphthalate	480	U	480	1000	ug/Kg

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208-96-8	Acenaphthylene	510	U	510	1000	ug/Kg
606-20-2	2,6-Dinitrotoluene	490	U	490	1000	ug/Kg
99-09-2	3-Nitroaniline	530	U	530	1000	ug/Kg
83-32-9	Acenaphthene	480	U	480	1000	ug/Kg
51-28-5	2,4-Dinitrophenol	1400	U	1400	2000	ug/Kg
100-02-7	4-Nitrophenol	690	U	690	2000	ug/Kg
132-64-9	Dibenzofuran	500	U	500	1000	ug/Kg
121-14-2	2,4-Dinitrotoluene	510	U	510	1000	ug/Kg
84-66-2	Diethylphthalate	470	U	470	1000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	510	U	510	1000	ug/Kg
86-73-7	Fluorene	510	U	510	1000	ug/Kg
100-01-6	4-Nitroaniline	630	U	630	1000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	690	U	690	2000	ug/Kg
86-30-6	n-Nitrosodiphenylamine	480	U	480	1000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	470	U	470	1000	ug/Kg
118-74-1	Hexachlorobenzene	500	U	500	1000	ug/Kg
1912-24-9	Atrazine	540	U	540	1000	ug/Kg
87-86-5	Pentachlorophenol	460	U	460	2000	ug/Kg
85-01-8	Phenanthrene	500	U	500	1000	ug/Kg
120-12-7	Anthracene	500	U	500	1000	ug/Kg
86-74-8	Carbazole	480	U	480	1000	ug/Kg
84-74-2	Di-n-butylphthalate	500	U	500	1000	ug/Kg
206-44-0	Fluoranthene	480	U	480	1000	ug/Kg
129-00-0	Pyrene	490	U	490	1000	ug/Kg
85-68-7	Butylbenzylphthalate	570	U	570	1000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	580	U	580	2000	ug/Kg
56-55-3	Benzo(a)anthracene	480	U	480	1000	ug/Kg
218-01-9	Chrysene	470	U	470	1000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	540	U	540	1000	ug/Kg
117-84-0	Di-n-octyl phthalate	650	U	650	2000	ug/Kg
205-99-2	Benzo(b)fluoranthene	480	U	480	1000	ug/Kg

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207-08-9	Benzo(k)fluoranthene	490	U	490	1000	ug/Kg
50-32-8	Benzo(a)pyrene	550	U	550	1000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	460	U	460	1000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	480	U	480	1000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	470	U	470	1000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	510	U	510	1000	ug/Kg
123-91-1	1,4-Dioxane	650	U	650	1000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	440	U	440	1000	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	78.2		18 - 112	52%	SPK: 150
13127-88-3	Phenol-d6	78.4		15 - 107	52%	SPK: 150
4165-60-0	Nitrobenzene-d5	53.4		18 - 107	53%	SPK: 100
321-60-8	2-Fluorobiphenyl	57.5		20 - 109	58%	SPK: 100
118-79-6	2,4,6-Tribromophenol	76.8		10 - 116	51%	SPK: 150
1718-51-0	Terphenyl-d14	50.2		10 - 105	50%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	116000	6.875
1146-65-2	Naphthalene-d8	427000	8.157
15067-26-2	Acenaphthene-d10	240000	9.916
1517-22-2	Phenanthrene-d10	367000	11.404
1719-03-5	Chrysene-d12	248000	14.057
1520-96-3	Perylene-d12	282000	15.568

TENTATIVE IDENTIFIED COMPOUNDS

000994-05-8	Butane, 2-methoxy-2-methyl-	12100	J	2.15	ug/Kg
000629-62-9	Pentadecane	2100	J	7.00	ug/Kg
016747-26-5	Hexane, 2,2,4-trimethyl-	2100	J	7.14	ug/Kg
062016-28-8	Octane, 2,2,6-trimethyl-	1200	J	7.22	ug/Kg
000563-16-6	Hexane, 3,3-dimethyl-	800	J	7.31	ug/Kg
000629-59-4	Tetradecane	800	J	9.31	ug/Kg
000719-22-2	2,5-Cyclohexadiene-1,4-dione, 2,6-	1400	J	9.73	ug/Kg

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000544-76-3	Hexadecane	2400	J		10.3	ug/Kg
000119-61-9	Benzophenone	1300	J		10.6	ug/Kg
000629-78-7	Heptadecane	1200	J		10.8	ug/Kg
1000340-29-0	Methacrylic acid, tetradecyl ester	3300	J		11.1	ug/Kg
000593-45-3	Octadecane	2800	J		11.3	ug/Kg
000137-89-3	1,3-Benzenedicarboxylic acid, bis(	3500	J		11.9	ug/Kg
000057-10-3	n-Hexadecanoic acid	4100	J		11.9	ug/Kg
007206-21-5	5-Octadecene, (E)-	1400	J		12.0	ug/Kg
000593-49-7	Heptacosane	2400	J		12.1	ug/Kg
002882-98-6	Cyclopentane, nonyl-	790	J		12.4	ug/Kg
036653-82-4	1-Hexadecanol	1000	J		12.5	ug/Kg
000057-11-4	Octadecanoic acid	1500	J		12.7	ug/Kg
000123-79-5	Hexanedioic acid, dioctyl ester	4000	J		13.5	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