

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-1	SDG No.:	Q3032
Lab Sample ID:	Q3032-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.1
Sample Wt/Vol:	30.06 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
BG064309.D	1	09/08/25 09:30	09/08/25 16:19	PB169593

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	190	U	190	400	ug/Kg
108-95-2	Phenol	26.5	U	26.5	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	29.2	U	29.2	200	ug/Kg
95-57-8	2-Chlorophenol	29.3	U	29.3	200	ug/Kg
95-48-7	2-Methylphenol	35.9	U	35.9	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45.0	UQ	45.0	200	ug/Kg
98-86-2	Acetophenone	35.4	U	35.4	200	ug/Kg
65794-96-9	3+4-Methylphenols	49.4	U	49.4	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	56.9	U	56.9	96.1	ug/Kg
67-72-1	Hexachloroethane	21.1	U	21.1	200	ug/Kg
98-95-3	Nitrobenzene	22.0	U	22.0	200	ug/Kg
78-59-1	Isophorone	39.4	U	39.4	200	ug/Kg
88-75-5	2-Nitrophenol	69.9	U	69.9	200	ug/Kg
105-67-9	2,4-Dimethylphenol	77.8	U	77.8	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	37.0	U	37.0	200	ug/Kg
120-83-2	2,4-Dichlorophenol	34.0	U	34.0	200	ug/Kg
91-20-3	Naphthalene	27.3	U	27.3	200	ug/Kg
106-47-8	4-Chloroaniline	42.5	UQ	42.5	200	ug/Kg
87-68-3	Hexachlorobutadiene	30.4	U	30.4	200	ug/Kg
105-60-2	Caprolactam	62.6	U	62.6	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34.5	U	34.5	200	ug/Kg
91-57-6	2-Methylnaphthalene	30.7	U	30.7	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	23.8	U	23.8	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	34.9	U	34.9	200	ug/Kg
92-52-4	1,1-Biphenyl	26.2	U	26.2	200	ug/Kg
91-58-7	2-Chloronaphthalene	27.0	U	27.0	200	ug/Kg
88-74-4	2-Nitroaniline	57.8	U	57.8	200	ug/Kg
131-11-3	Dimethylphthalate	32.5	U	32.5	200	ug/Kg

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208-96-8	Acenaphthylene	34.7	U	34.7	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	40.4	U	40.4	200	ug/Kg
99-09-2	3-Nitroaniline	55.2	U	55.2	200	ug/Kg
83-32-9	Acenaphthene	25.6	U	25.6	200	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	400	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	400	ug/Kg
132-64-9	Dibenzofuran	27.3	U	27.3	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	60.2	U	60.2	200	ug/Kg
84-66-2	Diethylphthalate	34.0	U	34.0	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	32.1	U	32.1	200	ug/Kg
86-73-7	Fluorene	30.4	U	30.4	200	ug/Kg
100-01-6	4-Nitroaniline	77.1	U	77.1	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	39.5	U	39.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33.4	U	33.4	200	ug/Kg
118-74-1	Hexachlorobenzene	30.4	U	30.4	200	ug/Kg
1912-24-9	Atrazine	40.8	U	40.8	200	ug/Kg
87-86-5	Pentachlorophenol	61.6	U	61.6	400	ug/Kg
85-01-8	Phenanthrene	25.1	U	25.1	200	ug/Kg
120-12-7	Anthracene	40.0	U	40.0	200	ug/Kg
86-74-8	Carbazole	37.5	U	37.5	200	ug/Kg
84-74-2	Di-n-butylphthalate	57.5	U	57.5	200	ug/Kg
206-44-0	Fluoranthene	130	J	36.0	200	ug/Kg
129-00-0	Pyrene	92.7	J	43.2	200	ug/Kg
85-68-7	Butylbenzylphthalate	85.7	U	85.7	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	44.1	UQ	44.1	400	ug/Kg
56-55-3	Benzo(a)anthracene	27.6	U	27.6	200	ug/Kg
218-01-9	Chrysene	23.9	U	23.9	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	71.1	U	71.1	200	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	22.8	U	22.8	200	ug/Kg

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207-08-9	Benzo(k)fluoranthene	26.9	U	26.9	200	ug/Kg
50-32-8	Benzo(a)pyrene	35.4	U	35.4	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34.9	U	34.9	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32.9	U	32.9	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30.9	U	30.9	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30.7	U	30.7	200	ug/Kg
123-91-1	1,4-Dioxane	54.3	U	54.3	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	32.9	U	32.9	200	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	122		30 (18) - 130 (112)	81%	SPK: 150
13127-88-3	Phenol-d6	115		30 (15) - 130 (107)	77%	SPK: 150
4165-60-0	Nitrobenzene-d5	81.5		30 (18) - 130 (107)	81%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.8		30 (20) - 130 (109)	79%	SPK: 100
118-79-6	2,4,6-Tribromophenol	150		30 (10) - 130 (116)	100%	SPK: 150
1718-51-0	Terphenyl-d14	78.2		30 (10) - 130 (105)	78%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	31000	7.852
1146-65-2	Naphthalene-d8	128000	10.636
15067-26-2	Acenaphthene-d10	87700	14.473
1517-22-2	Phenanthrene-d10	217000	17.217
1719-03-5	Chrysene-d12	236000	21.447
1520-96-3	Perylene-d12	268000	24.456

TENTATIVE IDENTIFIED COMPOUNDS

000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	490	AB	4.97	ug/Kg
000119-61-9	Benzophenone	190	J	15.8	ug/Kg
000638-53-9	Tridecanoic acid	470	J	18.1	ug/Kg
000057-11-4	Octadecanoic acid	83.7	J	19.4	ug/Kg
1000130-97-9	E-15-Heptadecenal	230	J	21.1	ug/Kg
000198-55-0	Perylene	120	J	23.5	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