

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	11/05/24
Project:	NYCDEP C547A - Shafts 17B-1 & 18B-1 Stage 2	Date Received:	11/05/24
Client Sample ID:	WC-3(0-6)	SDG No.:	P4722
Lab Sample ID:	P4722-13	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	86.6
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
BF140280.D	5	11/07/24 09:20	11/07/24 17:32	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1000	U	1000	1900	ug/Kg
108-95-2	Phenol	480	U	480	980	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	480	U	480	980	ug/Kg
95-57-8	2-Chlorophenol	480	U	480	980	ug/Kg
95-48-7	2-Methylphenol	460	U	460	980	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	520	U	520	980	ug/Kg
98-86-2	Acetophenone	500	U	500	980	ug/Kg
65794-96-9	3+4-Methylphenols	460	U	460	1900	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	230	U	230	460	ug/Kg
67-72-1	Hexachloroethane	480	U	480	980	ug/Kg
98-95-3	Nitrobenzene	520	U	520	980	ug/Kg
78-59-1	Isophorone	490	U	490	980	ug/Kg
88-75-5	2-Nitrophenol	540	U	540	980	ug/Kg
105-67-9	2,4-Dimethylphenol	540	U	540	980	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	490	U	490	980	ug/Kg
120-83-2	2,4-Dichlorophenol	440	U	440	980	ug/Kg
91-20-3	Naphthalene	480	U	480	980	ug/Kg
106-47-8	4-Chloroaniline	480	U	480	980	ug/Kg
87-68-3	Hexachlorobutadiene	480	U	480	980	ug/Kg
105-60-2	Caprolactam	500	U	500	1900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	450	U	450	980	ug/Kg
91-57-6	2-Methylnaphthalene	480	U	480	980	ug/Kg
77-47-4	Hexachlorocyclopentadiene	900	UQ	900	1900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	410	U	410	980	ug/Kg
95-95-4	2,4,5-Trichlorophenol	430	U	430	980	ug/Kg
92-52-4	1,1-Biphenyl	500	U	500	980	ug/Kg
91-58-7	2-Chloronaphthalene	480	U	480	980	ug/Kg
88-74-4	2-Nitroaniline	550	U	550	980	ug/Kg
131-11-3	Dimethylphthalate	470	U	470	980	ug/Kg

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208-96-8	Acenaphthylene	500	U	500	980	ug/Kg
606-20-2	2,6-Dinitrotoluene	480	U	480	980	ug/Kg
99-09-2	3-Nitroaniline	510	U	510	980	ug/Kg
83-32-9	Acenaphthene	470	U	470	980	ug/Kg
51-28-5	2,4-Dinitrophenol	1400	U	1400	1900	ug/Kg
100-02-7	4-Nitrophenol	670	U	670	1900	ug/Kg
132-64-9	Dibenzofuran	490	U	490	980	ug/Kg
121-14-2	2,4-Dinitrotoluene	500	U	500	980	ug/Kg
84-66-2	Diethylphthalate	460	U	460	980	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	490	U	490	980	ug/Kg
86-73-7	Fluorene	490	U	490	980	ug/Kg
100-01-6	4-Nitroaniline	620	U	620	980	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	670	U	670	1900	ug/Kg
86-30-6	n-Nitrosodiphenylamine	470	U	470	980	ug/Kg
101-55-3	4-Bromophenyl-phenylether	450	U	450	980	ug/Kg
118-74-1	Hexachlorobenzene	490	U	490	980	ug/Kg
1912-24-9	Atrazine	530	U	530	980	ug/Kg
87-86-5	Pentachlorophenol	450	U	450	1900	ug/Kg
85-01-8	Phenanthrene	2700		480	980	ug/Kg
120-12-7	Anthracene	610	J	490	980	ug/Kg
86-74-8	Carbazole	460	U	460	980	ug/Kg
84-74-2	Di-n-butylphthalate	490	U	490	980	ug/Kg
206-44-0	Fluoranthene	4600		470	980	ug/Kg
129-00-0	Pyrene	2900		480	980	ug/Kg
85-68-7	Butylbenzylphthalate	560	U	560	980	ug/Kg
91-94-1	3,3-Dichlorobenzidine	570	U	570	1900	ug/Kg
56-55-3	Benzo(a)anthracene	2700		470	980	ug/Kg
218-01-9	Chrysene	2200		460	980	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	520	U	520	980	ug/Kg
117-84-0	Di-n-octyl phthalate	630	U	630	1900	ug/Kg
205-99-2	Benzo(b)fluoranthene	3200		470	980	ug/Kg

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207-08-9	Benzo(k)fluoranthene	1100		480	980	ug/Kg
50-32-8	Benzo(a)pyrene	2400		540	980	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	990		450	980	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	470	U	470	980	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000		460	980	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	500	U	500	980	ug/Kg
123-91-1	1,4-Dioxane	630	U	630	980	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	430	U	430	980	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	86.4		18 - 112	58%	SPK: 150
13127-88-3	Phenol-d6	87.1		15 - 107	58%	SPK: 150
4165-60-0	Nitrobenzene-d5	55.5		18 - 107	56%	SPK: 100
321-60-8	2-Fluorobiphenyl	65.8		20 - 109	66%	SPK: 100
118-79-6	2,4,6-Tribromophenol	68.8		10 - 116	46%	SPK: 150
1718-51-0	Terphenyl-d14	46.1		10 - 105	46%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	116000	6.875
1146-65-2	Naphthalene-d8	438000	8.157
15067-26-2	Acenaphthene-d10	226000	9.916
1517-22-2	Phenanthrene-d10	319000	11.404
1719-03-5	Chrysene-d12	257000	14.051
1520-96-3	Perylene-d12	207000	15.539

TENTATIVE IDENTIFIED COMPOUNDS

000613-12-7	Anthracene, 2-methyl-	440	J	11.9	ug/Kg
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	680	J	11.9	ug/Kg
000203-64-5	4H-Cyclopenta[def]phenanthrene	970	J	12.0	ug/Kg
003674-66-6	Phenanthrene, 2,5-dimethyl-	390	J	12.5	ug/Kg
002381-21-7	Pyrene, 1-methyl-	430	J	13.1	ug/Kg
000238-84-6	11H-Benzo[a]fluorene	540	J	13.2	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