

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-1(0-6)	SDG No.:	P4722
Lab Sample ID:	P4722-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.8
Sample Wt/Vol:	30.02 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
BF140305.D	2	11/07/24 09:20	11/08/24 18:03	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	390	U	390	700	ug/Kg
108-95-2	Phenol	180	U	180	360	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	180	U	180	360	ug/Kg
95-57-8	2-Chlorophenol	180	U	180	360	ug/Kg
95-48-7	2-Methylphenol	170	U	170	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	190	U	190	360	ug/Kg
98-86-2	Acetophenone	190	U	190	360	ug/Kg
65794-96-9	3+4-Methylphenols	170	U	170	700	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	85.9	U	85.9	170	ug/Kg
67-72-1	Hexachloroethane	180	U	180	360	ug/Kg
98-95-3	Nitrobenzene	190	U	190	360	ug/Kg
78-59-1	Isophorone	180	U	180	360	ug/Kg
88-75-5	2-Nitrophenol	200	U	200	360	ug/Kg
105-67-9	2,4-Dimethylphenol	200	U	200	360	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	180	U	180	360	ug/Kg
120-83-2	2,4-Dichlorophenol	160	U	160	360	ug/Kg
91-20-3	Naphthalene	180	U	180	360	ug/Kg
106-47-8	4-Chloroaniline	180	U	180	360	ug/Kg
87-68-3	Hexachlorobutadiene	180	U	180	360	ug/Kg
105-60-2	Caprolactam	180	U	180	700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	170	U	170	360	ug/Kg
91-57-6	2-Methylnaphthalene	180	U	180	360	ug/Kg
77-47-4	Hexachlorocyclopentadiene	330	UQ	330	700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	150	360	ug/Kg
95-95-4	2,4,5-Trichlorophenol	160	U	160	360	ug/Kg
92-52-4	1,1-Biphenyl	190	U	190	360	ug/Kg
91-58-7	2-Chloronaphthalene	180	U	180	360	ug/Kg
88-74-4	2-Nitroaniline	200	U	200	360	ug/Kg
131-11-3	Dimethylphthalate	170	U	170	360	ug/Kg

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208-96-8	Acenaphthylene	180	U	180	360	ug/Kg
606-20-2	2,6-Dinitrotoluene	180	U	180	360	ug/Kg
99-09-2	3-Nitroaniline	190	U	190	360	ug/Kg
83-32-9	Acenaphthene	170	U	170	360	ug/Kg
51-28-5	2,4-Dinitrophenol	520	U	520	700	ug/Kg
100-02-7	4-Nitrophenol	250	U	250	700	ug/Kg
132-64-9	Dibenzofuran	180	U	180	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	180	U	180	360	ug/Kg
84-66-2	Diethylphthalate	170	U	170	360	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	180	U	180	360	ug/Kg
86-73-7	Fluorene	180	U	180	360	ug/Kg
100-01-6	4-Nitroaniline	230	U	230	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	250	U	250	700	ug/Kg
86-30-6	n-Nitrosodiphenylamine	170	U	170	360	ug/Kg
101-55-3	4-Bromophenyl-phenylether	170	U	170	360	ug/Kg
118-74-1	Hexachlorobenzene	180	U	180	360	ug/Kg
1912-24-9	Atrazine	190	U	190	360	ug/Kg
87-86-5	Pentachlorophenol	160	U	160	700	ug/Kg
85-01-8	Phenanthrene	910		180	360	ug/Kg
120-12-7	Anthracene	230	J	180	360	ug/Kg
86-74-8	Carbazole	170	U	170	360	ug/Kg
84-74-2	Di-n-butylphthalate	180	U	180	360	ug/Kg
206-44-0	Fluoranthene	1600		170	360	ug/Kg
129-00-0	Pyrene	1400		180	360	ug/Kg
85-68-7	Butylbenzylphthalate	210	U	210	360	ug/Kg
91-94-1	3,3-Dichlorobenzidine	210	U	210	700	ug/Kg
56-55-3	Benzo(a)anthracene	890		170	360	ug/Kg
218-01-9	Chrysene	680		170	360	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190	U	190	360	ug/Kg
117-84-0	Di-n-octyl phthalate	230	U	230	700	ug/Kg
205-99-2	Benzo(b)fluoranthene	850		170	360	ug/Kg

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207-08-9	Benzo(k)fluoranthene	430		180	360	ug/Kg
50-32-8	Benzo(a)pyrene	830		200	360	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	380		170	360	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	U	170	360	ug/Kg
191-24-2	Benzo(g,h,i)perylene	450		170	360	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	180	U	180	360	ug/Kg
123-91-1	1,4-Dioxane	230	U	230	360	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	160	U	160	360	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	82.4		18 - 112	55%	SPK: 150
13127-88-3	Phenol-d6	80.3		15 - 107	54%	SPK: 150
4165-60-0	Nitrobenzene-d5	55.9		18 - 107	56%	SPK: 100
321-60-8	2-Fluorobiphenyl	62.5		20 - 109	62%	SPK: 100
118-79-6	2,4,6-Tribromophenol	78.3		10 - 116	52%	SPK: 150
1718-51-0	Terphenyl-d14	60.2		10 - 105	60%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	116000	6.875
1146-65-2	Naphthalene-d8	403000	8.157
15067-26-2	Acenaphthene-d10	201000	9.916
1517-22-2	Phenanthrene-d10	343000	11.404
1719-03-5	Chrysene-d12	224000	14.057
1520-96-3	Perylene-d12	184000	15.563

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	150	J	10.6	ug/Kg
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	490	J	11.9	ug/Kg
000203-64-5	4H-Cyclopenta[def]phenanthrene	310	J	12.0	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