

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:	11/06/24
Client Sample ID:	TP2MSD	SDG No.:	P4722
Lab Sample ID:	P4737-01MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	91.4
Sample Wt/Vol:	50.07 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
BF140301.D	1	11/07/24 09:20	11/08/24 16:17	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	230		120	220	ug/Kg
108-95-2	Phenol	1200		54.3	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		54.9	110	ug/Kg
95-57-8	2-Chlorophenol	1200		54.7	110	ug/Kg
95-48-7	2-Methylphenol	1200		52.8	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		59.6	110	ug/Kg
98-86-2	Acetophenone	1100		57.0	110	ug/Kg
65794-96-9	3+4-Methylphenols	1200		52.3	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		26.4	52.4	ug/Kg
67-72-1	Hexachloroethane	1000		54.4	110	ug/Kg
98-95-3	Nitrobenzene	1100		59.5	110	ug/Kg
78-59-1	Isophorone	1100		55.5	110	ug/Kg
88-75-5	2-Nitrophenol	1200		61.9	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		61.1	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		56.2	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		49.5	110	ug/Kg
91-20-3	Naphthalene	1100		54.1	110	ug/Kg
106-47-8	4-Chloroaniline	390		54.1	110	ug/Kg
87-68-3	Hexachlorobutadiene	1100		54.6	110	ug/Kg
105-60-2	Caprolactam	1100		56.9	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		50.8	110	ug/Kg
91-57-6	2-Methylnaphthalene	1100		54.1	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1500		100	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		46.8	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		48.5	110	ug/Kg
92-52-4	1,1-Biphenyl	1200		57.3	110	ug/Kg
91-58-7	2-Chloronaphthalene	1100		54.6	110	ug/Kg
88-74-4	2-Nitroaniline	1200		62.3	110	ug/Kg
131-11-3	Dimethylphthalate	1200		53.6	110	ug/Kg

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208-96-8	Acenaphthylene	1200		56.7	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		54.5	110	ug/Kg
99-09-2	3-Nitroaniline	670		58.5	110	ug/Kg
83-32-9	Acenaphthene	1200		53.2	110	ug/Kg
51-28-5	2,4-Dinitrophenol	1100		160	220	ug/Kg
100-02-7	4-Nitrophenol	2500	E	76.0	220	ug/Kg
132-64-9	Dibenzofuran	1200		55.3	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		56.5	110	ug/Kg
84-66-2	Diethylphthalate	1200		52.5	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		56.1	110	ug/Kg
86-73-7	Fluorene	1100		56.0	110	ug/Kg
100-01-6	4-Nitroaniline	970		70.1	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	800		76.7	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1300		53.5	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		51.7	110	ug/Kg
118-74-1	Hexachlorobenzene	1200		55.7	110	ug/Kg
1912-24-9	Atrazine	1600		59.9	110	ug/Kg
87-86-5	Pentachlorophenol	2400	E	50.7	220	ug/Kg
85-01-8	Phenanthrene	1200		55.1	110	ug/Kg
120-12-7	Anthracene	1200		55.3	110	ug/Kg
86-74-8	Carbazole	1200		52.6	110	ug/Kg
84-74-2	Di-n-butylphthalate	1200		55.3	110	ug/Kg
206-44-0	Fluoranthene	1200		53.6	110	ug/Kg
129-00-0	Pyrene	1000		54.4	110	ug/Kg
85-68-7	Butylbenzylphthalate	1100		63.5	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		64.6	220	ug/Kg
56-55-3	Benzo(a)anthracene	1200		52.9	110	ug/Kg
218-01-9	Chrysene	1200		52.1	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		59.7	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		72.1	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		53.2	110	ug/Kg

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207-08-9	Benzo(k)fluoranthene	1200		54.1	110	ug/Kg
50-32-8	Benzo(a)pyrene	1300		61.0	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		51.2	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		53.2	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	980		52.5	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		56.9	110	ug/Kg
123-91-1	1,4-Dioxane	1100		72.1	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		49.0	110	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	97.9		18 - 112	65%	SPK: 150
13127-88-3	Phenol-d6	97.6		15 - 107	65%	SPK: 150
4165-60-0	Nitrobenzene-d5	65.0		18 - 107	65%	SPK: 100
321-60-8	2-Fluorobiphenyl	69.2		20 - 109	69%	SPK: 100
118-79-6	2,4,6-Tribromophenol	100		10 - 116	67%	SPK: 150
1718-51-0	Terphenyl-d14	59.5		10 - 105	59%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	120000	6.875			
1146-65-2	Naphthalene-d8	449000	8.157			
15067-26-2	Acenaphthene-d10	245000	9.916			
1517-22-2	Phenanthrene-d10	383000	11.41			
1719-03-5	Chrysene-d12	272000	14.063			
1520-96-3	Perylene-d12	210000	15.568			

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