

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-2(0-6)	SDG No.:	P4722
Lab Sample ID:	P4722-08	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	90.1
Sample Wt/Vol:	30.07 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
BF140303.D	1	11/07/24 09:20	11/08/24 17:10	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	200	U	200	370	ug/Kg
108-95-2	Phenol	91.8	U	91.8	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	92.7	U	92.7	190	ug/Kg
95-57-8	2-Chlorophenol	92.5	U	92.5	190	ug/Kg
95-48-7	2-Methylphenol	89.2	U	89.2	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	190	ug/Kg
98-86-2	Acetophenone	96.2	U	96.2	190	ug/Kg
65794-96-9	3+4-Methylphenols	88.4	U	88.4	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44.6	U	44.6	88.6	ug/Kg
67-72-1	Hexachloroethane	91.9	U	91.9	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	190	ug/Kg
78-59-1	Isophorone	93.7	U	93.7	190	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	95.0	U	95.0	190	ug/Kg
120-83-2	2,4-Dichlorophenol	83.6	U	83.6	190	ug/Kg
91-20-3	Naphthalene	160	J	91.5	190	ug/Kg
106-47-8	4-Chloroaniline	91.5	U	91.5	190	ug/Kg
87-68-3	Hexachlorobutadiene	92.2	U	92.2	190	ug/Kg
105-60-2	Caprolactam	96.1	U	96.1	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	85.8	U	85.8	190	ug/Kg
91-57-6	2-Methylnaphthalene	91.4	U	91.4	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	UQ	170	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	79.1	U	79.1	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	81.9	U	81.9	190	ug/Kg
92-52-4	1,1-Biphenyl	96.8	U	96.8	190	ug/Kg
91-58-7	2-Chloronaphthalene	92.2	U	92.2	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	190	ug/Kg
131-11-3	Dimethylphthalate	90.5	U	90.5	190	ug/Kg

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208-96-8	Acenaphthylene	140	J	95.8	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	92.1	U	92.1	190	ug/Kg
99-09-2	3-Nitroaniline	98.8	U	98.8	190	ug/Kg
83-32-9	Acenaphthene	250		89.8	190	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	370	ug/Kg
132-64-9	Dibenzofuran	150	J	93.5	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	95.4	U	95.4	190	ug/Kg
84-66-2	Diethylphthalate	88.7	U	88.7	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	94.8	U	94.8	190	ug/Kg
86-73-7	Fluorene	210		94.7	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	90.4	U	90.4	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	87.4	U	87.4	190	ug/Kg
118-74-1	Hexachlorobenzene	94.1	U	94.1	190	ug/Kg
1912-24-9	Atrazine	100	U	100	190	ug/Kg
87-86-5	Pentachlorophenol	85.6	U	85.6	370	ug/Kg
85-01-8	Phenanthrene	2200		93.0	190	ug/Kg
120-12-7	Anthracene	600		93.5	190	ug/Kg
86-74-8	Carbazole	220		88.9	190	ug/Kg
84-74-2	Di-n-butylphthalate	93.3	U	93.3	190	ug/Kg
206-44-0	Fluoranthene	3000	E	90.5	190	ug/Kg
129-00-0	Pyrene	2300		91.9	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	370	ug/Kg
56-55-3	Benzo(a)anthracene	1600		89.4	190	ug/Kg
218-01-9	Chrysene	1400		88.0	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	2000		89.8	190	ug/Kg

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207-08-9	Benzo(k)fluoranthene	620		91.5	190	ug/Kg
50-32-8	Benzo(a)pyrene	1600		100	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	770		86.5	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	260		89.9	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	930		88.7	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	96.1	U	96.1	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	82.7	U	82.7	190	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	99.8		18 - 112	67%	SPK: 150
13127-88-3	Phenol-d6	97.7		15 - 107	65%	SPK: 150
4165-60-0	Nitrobenzene-d5	66.5		18 - 107	66%	SPK: 100
321-60-8	2-Fluorobiphenyl	71.3		20 - 109	71%	SPK: 100
118-79-6	2,4,6-Tribromophenol	91.7		10 - 116	61%	SPK: 150
1718-51-0	Terphenyl-d14	58.3		10 - 105	58%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	116000	6.875
1146-65-2	Naphthalene-d8	426000	8.157
15067-26-2	Acenaphthene-d10	223000	9.916
1517-22-2	Phenanthrene-d10	344000	11.404
1719-03-5	Chrysene-d12	256000	14.068
1520-96-3	Perylene-d12	207000	15.58

TENTATIVE IDENTIFIED COMPOUNDS

000994-05-8	Butane, 2-methoxy-2-methyl-	2700	J	2.15	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	110	AB	5.10	ug/Kg
000119-61-9	Benzophenone	230	J	10.6	ug/Kg
001730-37-6	9H-Fluorene, 1-methyl-	99.3	J	11.0	ug/Kg
000486-25-9	9H-Fluoren-9-one	97.8	J	11.2	ug/Kg
000132-65-0	Dibenzothiophene	130	J	11.3	ug/Kg
002531-84-2	Phenanthrene, 2-methyl-	220	J	11.9	ug/Kg

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000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	640	J		11.9	ug/Kg
004505-48-0	1H-Indene, 2-phenyl-	150	J		12.0	ug/Kg
000203-64-5	4H-Cyclopenta[def]phenanthrene	590	J		12.0	ug/Kg
003770-48-7	4-Methylcarbazole	98.9	J		12.1	ug/Kg
000612-94-2	Naphthalene, 2-phenyl-	180	J		12.2	ug/Kg
003674-65-5	Phenanthrene, 2,3-dimethyl-	200	J		12.5	ug/Kg
	unknown12.498	160	J		12.5	ug/Kg
005737-13-3	Cyclopenta(def)phenanthrenone	180	J		12.5	ug/Kg
002381-21-7	Pyrene, 1-methyl-	100	J		13.1	ug/Kg
033543-31-6	Fluoranthene, 2-methyl-	140	J		13.2	ug/Kg
000479-79-8	11H-Benzo[a]fluoren-11-one	160	J		13.9	ug/Kg
000192-97-2	Benzo[e]pyrene	260	J		15.3	ug/Kg
000198-55-0	Perylene	1000	J		15.5	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