

Report of Analysis

Client:	Louis Berger U.S., Inc., A WSP Company	Date Collected:	01/18/23
Project:	NYCDDC Phase II SCI Arthur Kill Road CEQR	Date Received:	01/19/23
Client Sample ID:	WC-17	SDG No.:	O1232
Lab Sample ID:	O1232-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	91.4
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
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
BP013584.D	1	01/20/23 12:30	01/24/23 22:44	PB150378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	80.8	U	80.8	190	ug/Kg
208-96-8	Acenaphthylene	75.1	U	75.1	190	ug/Kg
83-32-9	Acenaphthene	86.2	U	86.2	190	ug/Kg
86-73-7	Fluorene	86.1	U	86.1	190	ug/Kg
85-01-8	Phenanthrene	91.4	U	91.4	190	ug/Kg
120-12-7	Anthracene	91.8	U	91.8	190	ug/Kg
206-44-0	Fluoranthene	87.2	U	87.2	190	ug/Kg
129-00-0	Pyrene	81.1	U	81.1	190	ug/Kg
56-55-3	Benzo(a)anthracene	95.4	J	94.9	190	ug/Kg
218-01-9	Chrysene	120	J	93.5	190	ug/Kg
205-99-2	Benzo(b)fluoranthene	75.4	U	75.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	80.4	U	80.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	74.0	U	74.0	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	190	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	68.4		27 - 109	68%	SPK: 100
321-60-8	2-Fluorobiphenyl	62.4		30 - 103	62%	SPK: 100
1718-51-0	Terphenyl-d14	65.2		21 - 107	65%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	386000	8.158			
1146-65-2	Naphthalene-d8	1520000	10.987			
15067-26-2	Acenaphthene-d10	828000	14.793			
1517-22-2	Phenanthrene-d10	1520000	17.545			
1719-03-5	Chrysene-d12	1000000	21.616			
1520-96-3	Perylene-d12	1340000	24.204			

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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