

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:	B-P19B		SDG No.:	O1232	
Lab Sample ID:	O1232-07		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	88	Decanted:
Sample Wt/Vol:	30.1	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL080459.D	1	01/20/23 10:35	01/23/23 10:53	PB150373

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.22	U	0.22	1.90	ug/kg
319-85-7	beta-BHC	0.39	U	0.39	1.90	ug/kg
319-86-8	delta-BHC	0.45	U	0.45	1.90	ug/kg
58-89-9	gamma-BHC (Lindane)	0.17	U	0.17	1.90	ug/kg
76-44-8	Heptachlor	0.22	U	0.22	1.90	ug/kg
309-00-2	Aldrin	0.19	U	0.19	1.90	ug/kg
1024-57-3	Heptachlor epoxide	0.27	U	0.27	1.90	ug/kg
959-98-8	Endosulfan I	0.16	U	0.16	1.90	ug/kg
60-57-1	Dieldrin	0.17	U	0.17	1.90	ug/kg
72-55-9	4,4-DDE	0.88	J	0.18	1.90	ug/kg
72-20-8	Endrin	0.19	U	0.19	1.90	ug/kg
33213-65-9	Endosulfan II	0.35	U	0.35	1.90	ug/kg
72-54-8	4,4-DDD	0.22	U	0.22	1.90	ug/kg
1031-07-8	Endosulfan Sulfate	0.20	U	0.20	1.90	ug/kg
50-29-3	4,4-DDT	0.20	U	0.20	1.90	ug/kg
72-43-5	Methoxychlor	0.23	U	0.23	1.90	ug/kg
53494-70-5	Endrin ketone	0.27	U	0.27	1.90	ug/kg
7421-93-4	Endrin aldehyde	0.40	U	0.40	1.90	ug/kg
5103-71-9	alpha-Chlordane	0.15	U	0.15	1.90	ug/kg
5103-74-2	gamma-Chlordane	0.16	U	0.16	1.90	ug/kg
8001-35-2	Toxaphene	6.70	U	6.70	37.4	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	11.8		12 - 143	59%	SPK: 20
877-09-8	Tetrachloro-m-xylene	11.0		10 - 159	55%	SPK: 20



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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit