

Report of Analysis

Client:	Louis Berger U.S., Inc., A WSP Company		Date Collected:	
Project:	NYCDDC Phase II SCI Arthur Kill Road CEQR		Date Received:	
Client Sample ID:	VD0120SBS02		SDG No.:	O1233
Lab Sample ID:	VD0120SBS02		Matrix:	SOIL
Analytical Method:	SW8260		% Solid:	100
Sample Wt/Vol:	5	Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD075150.D	1		01/20/23 13:45	VD012023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	25.8		0.86	5.00	ug/Kg
74-87-3	Chloromethane	22.6		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	20.1		0.91	5.00	ug/Kg
74-83-9	Bromomethane	21.1		1.20	5.00	ug/Kg
75-00-3	Chloroethane	20.7		0.89	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	21.2		0.97	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	21.7		0.72	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	22.5		0.86	5.00	ug/Kg
67-64-1	Acetone	99.8		12.2	25.0	ug/Kg
75-15-0	Carbon Disulfide	21.8		0.75	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	21.8		0.93	5.00	ug/Kg
79-20-9	Methyl Acetate	22.8		1.30	5.00	ug/Kg
75-09-2	Methylene Chloride	20.1		6.00	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	21.1		0.68	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	21.6		0.70	5.00	ug/Kg
110-82-7	Cyclohexane	21.7		0.84	5.00	ug/Kg
78-93-3	2-Butanone	110		7.30	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	20.0		0.79	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	21.6		0.68	5.00	ug/Kg
74-97-5	Bromochloromethane	24.1		0.81	5.00	ug/Kg
67-66-3	Chloroform	21.5		0.67	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	20.8		0.75	5.00	ug/Kg
108-87-2	Methylcyclohexane	21.0		0.80	5.00	ug/Kg
71-43-2	Benzene	21.4		0.66	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	20.9		0.84	5.00	ug/Kg
79-01-6	Trichloroethene	20.6		0.73	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	20.7		0.65	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.4		0.70	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	110		4.60	25.0	ug/Kg
108-88-3	Toluene	20.7		0.63	5.00	ug/Kg
10061-02-6	t-1,3-Dichloropropene	20.0		0.74	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	20.7		0.71	5.00	ug/Kg

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79-00-5	1,1,2-Trichloroethane	20.9		0.86	5.00	ug/Kg
591-78-6	2-Hexanone	110		4.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	20.0		0.75	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	21.0		0.75	5.00	ug/Kg
127-18-4	Tetrachloroethene	19.2		0.76	5.00	ug/Kg
108-90-7	Chlorobenzene	20.4		0.65	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.4		0.70	5.00	ug/Kg
179601-23-1	m/p-Xylenes	41.6		1.50	10.0	ug/Kg
95-47-6	o-Xylene	20.9		0.79	5.00	ug/Kg
100-42-5	Styrene	20.7		0.79	5.00	ug/Kg
75-25-2	Bromoform	19.9		0.81	5.00	ug/Kg
98-82-8	Isopropylbenzene	20.1		0.72	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	21.7		1.10	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	19.8		0.67	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	20.8		0.63	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	20.4		0.64	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	21.7		1.20	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	18.2		0.94	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	18.4		1.00	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.1		50 - 163	112%	SPK: 50
1868-53-7	Dibromofluoromethane	53.0		54 - 147	106%	SPK: 50
2037-26-5	Toluene-d8	53.3		58 - 134	107%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.5		30 - 143	107%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	78300	7.875			
540-36-3	1,4-Difluorobenzene	143000	8.781			
3114-55-4	Chlorobenzene-d5	129000	11.586			
3855-82-1	1,4-Dichlorobenzene-d4	58000	13.522			

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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