

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:	FB01	SDG No.:	O1233
Lab Sample ID:	O1233-12	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN076347.D	1		01/20/23 14:49	VN012023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.17	U	0.17	1.00	ug/L
74-87-3	Chloromethane	0.20	U	0.20	1.00	ug/L
75-01-4	Vinyl Chloride	0.22	U	0.22	1.00	ug/L
74-83-9	Bromomethane	1.60	U	1.60	5.00	ug/L
75-00-3	Chloroethane	0.26	U	0.26	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.20	U	0.20	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	U	0.17	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.20	U	1.20	5.00	ug/L
75-15-0	Carbon Disulfide	0.26	U	0.26	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.18	U	0.18	1.00	ug/L
79-20-9	Methyl Acetate	0.53	U	0.53	1.00	ug/L
75-09-2	Methylene Chloride	2.80		0.18	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.20	U	0.20	1.00	ug/L
110-82-7	Cyclohexane	1.20	U	1.20	5.00	ug/L
78-93-3	2-Butanone	0.82	U	0.82	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.18	U	0.18	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.17	U	0.17	1.00	ug/L
74-97-5	Bromochloromethane	0.19	U	0.19	1.00	ug/L
67-66-3	Chloroform	0.18	U	0.18	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.18	U	0.18	1.00	ug/L
108-87-2	Methylcyclohexane	0.13	U	0.13	1.00	ug/L
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.18	U	0.18	1.00	ug/L
79-01-6	Trichloroethene	0.27	U	0.27	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.17	U	0.17	1.00	ug/L
75-27-4	Bromodichloromethane	0.18	U	0.18	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.87	U	0.87	5.00	ug/L
108-88-3	Toluene	0.17	U	0.17	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.14	U	0.14	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L

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79-00-5	1,1,2-Trichloroethane	0.19	U	0.19	1.00	ug/L
591-78-6	2-Hexanone	0.76	U	0.76	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.14	U	0.14	1.00	ug/L
127-18-4	Tetrachloroethene	0.18	U	0.18	1.00	ug/L
108-90-7	Chlorobenzene	0.17	U	0.17	1.00	ug/L
100-41-4	Ethyl Benzene	0.17	U	0.17	1.00	ug/L
179601-23-1	m/p-Xylenes	0.33	U	0.33	2.00	ug/L
95-47-6	o-Xylene	0.18	U	0.18	1.00	ug/L
100-42-5	Styrene	0.13	U	0.13	1.00	ug/L
75-25-2	Bromoform	0.16	U	0.16	1.00	ug/L
98-82-8	Isopropylbenzene	0.19	U	0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.23	U	0.23	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.17	U	0.17	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.42	U	0.42	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.23	U	0.23	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.33	U	0.33	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.1		74 - 125	98%	SPK: 50
1868-53-7	Dibromofluoromethane	48.1		75 - 124	96%	SPK: 50
2037-26-5	Toluene-d8	49.6		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.0		64 - 133	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	370000	8.23			
540-36-3	1,4-Difluorobenzene	596000	9.106			
3114-55-4	Chlorobenzene-d5	524000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	212000	13.794			

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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