

Report of Analysis

Client:	BAPS North Bergen		Date Collected:	11/12/24	
Project:	BAPS North Bergen		Date Received:	11/12/24	
Client Sample ID:	SOIL-4		SDG No.:	P4822	
Lab Sample ID:	P4822-07		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	93.5	
Sample Wt/Vol:	6.17	Units: g	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
VY020293.D	1		11/13/24 19:09	VY111324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.40	U	1.40	4.30	ug/Kg
74-87-3	Chloromethane	1.00	U	1.00	4.30	ug/Kg
75-01-4	Vinyl Chloride	0.67	U	0.67	4.30	ug/Kg
74-83-9	Bromomethane	0.89	U	0.89	4.30	ug/Kg
75-00-3	Chloroethane	0.88	U	0.88	4.30	ug/Kg
75-69-4	Trichlorofluoromethane	0.79	U	0.79	4.30	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.93	U	0.93	4.30	ug/Kg
75-35-4	1,1-Dichloroethene	0.68	U	0.68	4.30	ug/Kg
67-64-1	Acetone	5.40	U	5.40	21.7	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	4.30	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.58	U	0.58	4.30	ug/Kg
79-20-9	Methyl Acetate	1.60	U	1.60	4.30	ug/Kg
75-09-2	Methylene Chloride	3.00	U	3.00	8.70	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.73	U	0.73	4.30	ug/Kg
75-34-3	1,1-Dichloroethane	0.55	U	0.55	4.30	ug/Kg
110-82-7	Cyclohexane	0.60	U	0.60	4.30	ug/Kg
78-93-3	2-Butanone	4.90	U	4.90	21.7	ug/Kg
56-23-5	Carbon Tetrachloride	0.75	UQ	0.75	4.30	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.53	U	0.53	4.30	ug/Kg
74-97-5	Bromochloromethane	2.10	U	2.10	4.30	ug/Kg
67-66-3	Chloroform	0.58	U	0.58	4.30	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.68	U	0.68	4.30	ug/Kg
108-87-2	Methylcyclohexane	0.75	U	0.75	4.30	ug/Kg
71-43-2	Benzene	0.62	UQ	0.62	4.30	ug/Kg
107-06-2	1,2-Dichloroethane	0.53	UQ	0.53	4.30	ug/Kg
79-01-6	Trichloroethene	0.65	U	0.65	4.30	ug/Kg
78-87-5	1,2-Dichloropropane	0.57	UQ	0.57	4.30	ug/Kg
75-27-4	Bromodichloromethane	0.49	UQ	0.49	4.30	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.80	U	3.80	21.7	ug/Kg
108-88-3	Toluene	0.58	U	0.58	4.30	ug/Kg

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10061-02-6	t-1,3-Dichloropropene	0.52	U	0.52	4.30	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.49	UQ	0.49	4.30	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.73	UQ	0.73	4.30	ug/Kg
591-78-6	2-Hexanone	4.20	U	4.20	21.7	ug/Kg
124-48-1	Dibromochloromethane	0.56	UQ	0.56	4.30	ug/Kg
106-93-4	1,2-Dibromoethane	0.68	U	0.68	4.30	ug/Kg
127-18-4	Tetrachloroethene	0.77	UQ	0.77	4.30	ug/Kg
108-90-7	Chlorobenzene	0.64	U	0.64	4.30	ug/Kg
100-41-4	Ethyl Benzene	0.54	U	0.54	4.30	ug/Kg
179601-23-1	m/p-Xylenes	1.20	UQ	1.20	8.70	ug/Kg
95-47-6	o-Xylene	0.61	UQ	0.61	4.30	ug/Kg
100-42-5	Styrene	0.52	UQ	0.52	4.30	ug/Kg
75-25-2	Bromoform	0.70	UQ	0.70	4.30	ug/Kg
98-82-8	Isopropylbenzene	0.58	U	0.58	4.30	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.95	U	0.95	4.30	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.64	U	0.64	4.30	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.69	U	0.69	4.30	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.51	U	0.51	4.30	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.40	U	1.40	4.30	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.68	U	0.68	4.30	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.68	U	0.68	4.30	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.0		70 (50) - 130 (163)	102%	SPK: 50
1868-53-7	Dibromofluoromethane	50.8		70 (54) - 130 (147)	102%	SPK: 50
2037-26-5	Toluene-d8	35.2		70 (58) - 130 (134)	70%	SPK: 50
460-00-4	4-Bromofluorobenzene	28.4	*	70 (29) - 130 (146)	57%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	222000	7.713			
540-36-3	1,4-Difluorobenzene	449000	8.622			
3114-55-4	Chlorobenzene-d5	278000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	81200	13.347			

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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