

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-6		SDG No.:	P4822	
Lab Sample ID:	P4822-11		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	87.7	
Sample Wt/Vol:	5.49	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
VY020291.D	1		11/13/24 18:23	VY111324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.70	U	1.70	5.20	ug/Kg
74-87-3	Chloromethane	1.20	U	1.20	5.20	ug/Kg
75-01-4	Vinyl Chloride	0.80	U	0.80	5.20	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.20	ug/Kg
75-00-3	Chloroethane	1.00	U	1.00	5.20	ug/Kg
75-69-4	Trichlorofluoromethane	0.95	U	0.95	5.20	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.20	ug/Kg
75-35-4	1,1-Dichloroethene	0.81	U	0.81	5.20	ug/Kg
67-64-1	Acetone	6.50	U	6.50	26.0	ug/Kg
75-15-0	Carbon Disulfide	1.30	U	1.30	5.20	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.70	U	0.70	5.20	ug/Kg
79-20-9	Methyl Acetate	1.90	U	1.90	5.20	ug/Kg
75-09-2	Methylene Chloride	3.50	U	3.50	10.4	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.87	U	0.87	5.20	ug/Kg
75-34-3	1,1-Dichloroethane	0.65	U	0.65	5.20	ug/Kg
110-82-7	Cyclohexane	0.72	U	0.72	5.20	ug/Kg
78-93-3	2-Butanone	5.90	U	5.90	26.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.90	UQ	0.90	5.20	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.63	U	0.63	5.20	ug/Kg
74-97-5	Bromochloromethane	2.50	U	2.50	5.20	ug/Kg
67-66-3	Chloroform	0.70	U	0.70	5.20	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.81	U	0.81	5.20	ug/Kg
108-87-2	Methylcyclohexane	0.90	U	0.90	5.20	ug/Kg
71-43-2	Benzene	0.75	UQ	0.75	5.20	ug/Kg
107-06-2	1,2-Dichloroethane	0.63	UQ	0.63	5.20	ug/Kg
79-01-6	Trichloroethene	0.78	U	0.78	5.20	ug/Kg
78-87-5	1,2-Dichloropropane	0.69	UQ	0.69	5.20	ug/Kg
75-27-4	Bromodichloromethane	0.58	UQ	0.58	5.20	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.50	U	4.50	26.0	ug/Kg
108-88-3	Toluene	0.70	U	0.70	5.20	ug/Kg

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-6			SDG No.:	P4822		
Lab Sample ID:	P4822-11			Matrix:	SOIL		
Analytical Method:	SW8260			% Solid:	87.7		
Sample Wt/Vol:	5.49	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
VY020291.D	1		11/13/24 18:23	VY111324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.62	U	0.62	5.20	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.59	UQ	0.59	5.20	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.87	UQ	0.87	5.20	ug/Kg
591-78-6	2-Hexanone	5.00	U	5.00	26.0	ug/Kg
124-48-1	Dibromochloromethane	0.68	UQ	0.68	5.20	ug/Kg
106-93-4	1,2-Dibromoethane	0.82	U	0.82	5.20	ug/Kg
127-18-4	Tetrachloroethene	0.92	UQ	0.92	5.20	ug/Kg
108-90-7	Chlorobenzene	0.77	U	0.77	5.20	ug/Kg
100-41-4	Ethyl Benzene	0.64	U	0.64	5.20	ug/Kg
179601-23-1	m/p-Xylenes	1.40	UQ	1.40	10.4	ug/Kg
95-47-6	o-Xylene	0.73	UQ	0.73	5.20	ug/Kg
100-42-5	Styrene	0.62	UQ	0.62	5.20	ug/Kg
75-25-2	Bromoform	0.84	UQ	0.84	5.20	ug/Kg
98-82-8	Isopropylbenzene	0.70	U	0.70	5.20	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.10	U	1.10	5.20	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.77	U	0.77	5.20	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.83	U	0.83	5.20	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.61	U	0.61	5.20	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.60	U	1.60	5.20	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.82	U	0.82	5.20	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.81	U	0.81	5.20	ug/Kg

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	39.9	70 (50) - 130 (163)	80%	SPK: 50
1868-53-7	Dibromofluoromethane	61.6	70 (54) - 130 (147)	123%	SPK: 50
2037-26-5	Toluene-d8	45.1	70 (58) - 130 (134)	90%	SPK: 50
460-00-4	4-Bromofluorobenzene	36.7	70 (29) - 130 (146)	73%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	206000	7.713
540-36-3	1,4-Difluorobenzene	356000	8.615
3114-55-4	Chlorobenzene-d5	288000	11.42
3855-82-1	1,4-Dichlorobenzene-d4	125000	13.346

TENTATIVE IDENTIFIED COMPOUNDS

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-6		SDG No.:	P4822	
Lab Sample ID:	P4822-11		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	87.7	
Sample Wt/Vol:	5.49	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
VY020291.D	1		11/13/24 18:23	VY111324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
013450-73-2	11H-Dibenzo[b,e][1,4]diazepin-11-o	12.8	J		13.9	ug/Kg

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