

Hit Summary Sheet
SW-846

SDG No.: P4822
Client: BAPS North Bergen

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID: P4822-01	SOIL-1 SOIL-1	SOIL	Chloroform	4.00	J	0.61	4.50	ug/Kg
			Total Voc :	4.00				
P4822-01	SOIL-1	SOIL	11H-Dibenzo[b,e][1,4]diazepin *	7.10	J	0	0	ug/Kg
			Total Tics :	7.10				
			Total Concentration:	11.1				
Client ID: P4822-05	SOIL-3 SOIL-3	SOIL	Methylene Chloride	5.50	J	3.20	9.50	ug/Kg
			Total Voc :	5.50				
			Total Concentration:	5.50				
Client ID: P4822-09	SOIL-5 SOIL-5	SOIL	Benzeneethanamine, N-[(penta	6.30	J	0	0	ug/Kg
			Total Tics :	6.30				
			Total Concentration:	6.30				
Client ID: P4822-11	SOIL-6 SOIL-6	SOIL	11H-Dibenzo[b,e][1,4]diazepin *	12.8	J	0	0	ug/Kg
			Total Tics :	12.8				
			Total Concentration:	12.8				



SAMPLE DATA

A

B

C

D

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-1		SDG No.:	P4822	
Lab Sample ID:	P4822-01		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	94.1	
Sample Wt/Vol:	5.84	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
VY020289.D	1		11/13/24 17:36	VY111324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.50	U	1.50	4.50	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	4.50	ug/Kg
75-01-4	Vinyl Chloride	0.70	U	0.70	4.50	ug/Kg
74-83-9	Bromomethane	0.94	U	0.94	4.50	ug/Kg
75-00-3	Chloroethane	0.92	U	0.92	4.50	ug/Kg
75-69-4	Trichlorofluoromethane	0.83	U	0.83	4.50	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.97	U	0.97	4.50	ug/Kg
75-35-4	1,1-Dichloroethene	0.71	U	0.71	4.50	ug/Kg
67-64-1	Acetone	5.70	U	5.70	22.7	ug/Kg
75-15-0	Carbon Disulfide	1.20	U	1.20	4.50	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.61	U	0.61	4.50	ug/Kg
79-20-9	Methyl Acetate	1.60	U	1.60	4.50	ug/Kg
75-09-2	Methylene Chloride	3.10	U	3.10	9.10	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.76	U	0.76	4.50	ug/Kg
75-34-3	1,1-Dichloroethane	0.57	U	0.57	4.50	ug/Kg
110-82-7	Cyclohexane	0.63	U	0.63	4.50	ug/Kg
78-93-3	2-Butanone	5.20	U	5.20	22.7	ug/Kg
56-23-5	Carbon Tetrachloride	0.79	UQ	0.79	4.50	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.56	U	0.56	4.50	ug/Kg
74-97-5	Bromochloromethane	2.20	U	2.20	4.50	ug/Kg
67-66-3	Chloroform	4.00	J	0.61	4.50	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.71	U	0.71	4.50	ug/Kg
108-87-2	Methylcyclohexane	0.79	U	0.79	4.50	ug/Kg
71-43-2	Benzene	0.66	UQ	0.66	4.50	ug/Kg
107-06-2	1,2-Dichloroethane	0.56	UQ	0.56	4.50	ug/Kg
79-01-6	Trichloroethene	0.68	U	0.68	4.50	ug/Kg
78-87-5	1,2-Dichloropropane	0.60	UQ	0.60	4.50	ug/Kg
75-27-4	Bromodichloromethane	0.51	UQ	0.51	4.50	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.00	U	4.00	22.7	ug/Kg
108-88-3	Toluene	0.61	U	0.61	4.50	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-1			SDG No.:	P4822		
Lab Sample ID:	P4822-01			Matrix:	SOIL		
Analytical Method:	SW8260			% Solid:	94.1		
Sample Wt/Vol:	5.84	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
VY020289.D	1		11/13/24 17:36	VY111324

[illegible]

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-1		SDG No.:	P4822	
Lab Sample ID:	P4822-01		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	94.1	
Sample Wt/Vol:	5.84	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
VY020289.D	1		11/13/24 17:36	VY111324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
013450-73-2	11H-Dibenzo[b,e][1,4]diazepin-11-o	7.10	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

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-2		SDG No.:	P4822	
Lab Sample ID:	P4822-03		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	91.8	
Sample Wt/Vol:	6.22	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
VY020288.D	1		11/13/24 17:12	VY111324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.40	U	1.40	4.40	ug/Kg
74-87-3	Chloromethane	1.00	U	1.00	4.40	ug/Kg
75-01-4	Vinyl Chloride	0.67	U	0.67	4.40	ug/Kg
74-83-9	Bromomethane	0.90	U	0.90	4.40	ug/Kg
75-00-3	Chloroethane	0.88	U	0.88	4.40	ug/Kg
75-69-4	Trichlorofluoromethane	0.80	U	0.80	4.40	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.94	U	0.94	4.40	ug/Kg
75-35-4	1,1-Dichloroethene	0.68	U	0.68	4.40	ug/Kg
67-64-1	Acetone	5.50	U	5.50	21.9	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	4.40	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.59	U	0.59	4.40	ug/Kg
79-20-9	Methyl Acetate	1.60	U	1.60	4.40	ug/Kg
75-09-2	Methylene Chloride	3.00	U	3.00	8.80	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.74	U	0.74	4.40	ug/Kg
75-34-3	1,1-Dichloroethane	0.55	U	0.55	4.40	ug/Kg
110-82-7	Cyclohexane	0.60	U	0.60	4.40	ug/Kg
78-93-3	2-Butanone	5.00	U	5.00	21.9	ug/Kg
56-23-5	Carbon Tetrachloride	0.76	UQ	0.76	4.40	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.53	U	0.53	4.40	ug/Kg
74-97-5	Bromochloromethane	2.10	U	2.10	4.40	ug/Kg
67-66-3	Chloroform	0.59	U	0.59	4.40	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.68	U	0.68	4.40	ug/Kg
108-87-2	Methylcyclohexane	0.76	U	0.76	4.40	ug/Kg
71-43-2	Benzene	0.63	UQ	0.63	4.40	ug/Kg
107-06-2	1,2-Dichloroethane	0.53	UQ	0.53	4.40	ug/Kg
79-01-6	Trichloroethene	0.66	U	0.66	4.40	ug/Kg
78-87-5	1,2-Dichloropropane	0.58	UQ	0.58	4.40	ug/Kg
75-27-4	Bromodichloromethane	0.49	UQ	0.49	4.40	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.80	U	3.80	21.9	ug/Kg
108-88-3	Toluene	0.59	U	0.59	4.40	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-2		SDG No.:	P4822	
Lab Sample ID:	P4822-03		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	91.8	
Sample Wt/Vol:	6.22	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
VY020288.D	1		11/13/24 17:12	VY111324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.53	U	0.53	4.40	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.50	UQ	0.50	4.40	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.74	UQ	0.74	4.40	ug/Kg
591-78-6	2-Hexanone	4.20	U	4.20	21.9	ug/Kg
124-48-1	Dibromochloromethane	0.57	UQ	0.57	4.40	ug/Kg
106-93-4	1,2-Dibromoethane	0.69	U	0.69	4.40	ug/Kg
127-18-4	Tetrachloroethene	0.78	UQ	0.78	4.40	ug/Kg
108-90-7	Chlorobenzene	0.65	U	0.65	4.40	ug/Kg
100-41-4	Ethyl Benzene	0.54	U	0.54	4.40	ug/Kg
179601-23-1	m/p-Xylenes	1.20	UQ	1.20	8.80	ug/Kg
95-47-6	o-Xylene	0.61	UQ	0.61	4.40	ug/Kg
100-42-5	Styrene	0.53	UQ	0.53	4.40	ug/Kg
75-25-2	Bromoform	0.71	UQ	0.71	4.40	ug/Kg
98-82-8	Isopropylbenzene	0.59	U	0.59	4.40	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.96	U	0.96	4.40	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.65	U	0.65	4.40	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.70	U	0.70	4.40	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.52	U	0.52	4.40	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.40	U	1.40	4.40	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.69	U	0.69	4.40	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.68	U	0.68	4.40	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.3		70 (50) - 130 (163)	99%	SPK: 50
1868-53-7	Dibromofluoromethane	49.4		70 (54) - 130 (147)	99%	SPK: 50
2037-26-5	Toluene-d8	48.5		70 (58) - 130 (134)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.6		70 (29) - 130 (146)	85%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	265000	7.713			
540-36-3	1,4-Difluorobenzene	539000	8.616			
3114-55-4	Chlorobenzene-d5	473000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	153000	13.353			

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-2		SDG No.:	P4822	
Lab Sample ID:	P4822-03		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	91.8	
Sample Wt/Vol:	6.22	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
VY020288.D	1		11/13/24 17:12	VY111324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

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

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-3		SDG No.:	P4822	
Lab Sample ID:	P4822-05		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	92.5	
Sample Wt/Vol:	5.68	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
VY020290.D	1		11/13/24 17:59	VY111324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.60	U	1.60	4.80	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	4.80	ug/Kg
75-01-4	Vinyl Chloride	0.73	U	0.73	4.80	ug/Kg
74-83-9	Bromomethane	0.98	U	0.98	4.80	ug/Kg
75-00-3	Chloroethane	0.96	U	0.96	4.80	ug/Kg
75-69-4	Trichlorofluoromethane	0.87	U	0.87	4.80	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	1.00	4.80	ug/Kg
75-35-4	1,1-Dichloroethene	0.74	U	0.74	4.80	ug/Kg
67-64-1	Acetone	5.90	U	5.90	23.8	ug/Kg
75-15-0	Carbon Disulfide	1.20	U	1.20	4.80	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.64	U	0.64	4.80	ug/Kg
79-20-9	Methyl Acetate	1.70	U	1.70	4.80	ug/Kg
75-09-2	Methylene Chloride	5.50	J	3.20	9.50	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.80	U	0.80	4.80	ug/Kg
75-34-3	1,1-Dichloroethane	0.60	U	0.60	4.80	ug/Kg
110-82-7	Cyclohexane	0.66	U	0.66	4.80	ug/Kg
78-93-3	2-Butanone	5.40	U	5.40	23.8	ug/Kg
56-23-5	Carbon Tetrachloride	0.83	UQ	0.83	4.80	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.58	U	0.58	4.80	ug/Kg
74-97-5	Bromochloromethane	2.30	U	2.30	4.80	ug/Kg
67-66-3	Chloroform	0.64	U	0.64	4.80	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.74	U	0.74	4.80	ug/Kg
108-87-2	Methylcyclohexane	0.83	U	0.83	4.80	ug/Kg
71-43-2	Benzene	0.69	UQ	0.69	4.80	ug/Kg
107-06-2	1,2-Dichloroethane	0.58	UQ	0.58	4.80	ug/Kg
79-01-6	Trichloroethene	0.71	U	0.71	4.80	ug/Kg
78-87-5	1,2-Dichloropropane	0.63	UQ	0.63	4.80	ug/Kg
75-27-4	Bromodichloromethane	0.53	UQ	0.53	4.80	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.10	U	4.10	23.8	ug/Kg
108-88-3	Toluene	0.64	U	0.64	4.80	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-3		SDG No.:	P4822	
Lab Sample ID:	P4822-05		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	92.5	
Sample Wt/Vol:	5.68	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
VY020290.D	1		11/13/24 17:59	VY111324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.57	U	0.57	4.80	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.54	UQ	0.54	4.80	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.80	UQ	0.80	4.80	ug/Kg
591-78-6	2-Hexanone	4.60	U	4.60	23.8	ug/Kg
124-48-1	Dibromochloromethane	0.62	UQ	0.62	4.80	ug/Kg
106-93-4	1,2-Dibromoethane	0.75	U	0.75	4.80	ug/Kg
127-18-4	Tetrachloroethene	0.85	UQ	0.85	4.80	ug/Kg
108-90-7	Chlorobenzene	0.70	U	0.70	4.80	ug/Kg
100-41-4	Ethyl Benzene	0.59	U	0.59	4.80	ug/Kg
179601-23-1	m/p-Xylenes	1.30	UQ	1.30	9.50	ug/Kg
95-47-6	o-Xylene	0.67	UQ	0.67	4.80	ug/Kg
100-42-5	Styrene	0.57	UQ	0.57	4.80	ug/Kg
75-25-2	Bromoform	0.77	UQ	0.77	4.80	ug/Kg
98-82-8	Isopropylbenzene	0.64	U	0.64	4.80	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	1.00	4.80	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.70	U	0.70	4.80	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.76	U	0.76	4.80	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.56	U	0.56	4.80	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.50	U	1.50	4.80	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.75	U	0.75	4.80	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.74	U	0.74	4.80	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.1		70 (50) - 130 (163)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	54.8		70 (54) - 130 (147)	110%	SPK: 50
2037-26-5	Toluene-d8	63.7		70 (58) - 130 (134)	127%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.2		70 (29) - 130 (146)	80%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	152000	7.713			
540-36-3	1,4-Difluorobenzene	316000	8.622			
3114-55-4	Chlorobenzene-d5	305000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	79500	13.347			

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-3		SDG No.:	P4822	
Lab Sample ID:	P4822-05		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	92.5	
Sample Wt/Vol:	5.68	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
VY020290.D	1		11/13/24 17:59	VY111324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

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

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-3RE		SDG No.:	P4822	
Lab Sample ID:	P4822-05RE		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	92.5	
Sample Wt/Vol:	5.53	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
VD080052.D	1		11/17/24 19:49	VD111724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.60	U	1.60	4.90	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	4.90	ug/Kg
75-01-4	Vinyl Chloride	0.75	U	0.75	4.90	ug/Kg
74-83-9	Bromomethane	1.00	U	1.00	4.90	ug/Kg
75-00-3	Chloroethane	0.99	U	0.99	4.90	ug/Kg
75-69-4	Trichlorofluoromethane	0.89	U	0.89	4.90	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	1.00	4.90	ug/Kg
75-35-4	1,1-Dichloroethene	0.76	U	0.76	4.90	ug/Kg
67-64-1	Acetone	6.10	U	6.10	24.4	ug/Kg
75-15-0	Carbon Disulfide	1.30	U	1.30	4.90	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.65	U	0.65	4.90	ug/Kg
79-20-9	Methyl Acetate	1.80	U	1.80	4.90	ug/Kg
75-09-2	Methylene Chloride	3.30	U	3.30	9.80	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.82	U	0.82	4.90	ug/Kg
75-34-3	1,1-Dichloroethane	0.62	U	0.62	4.90	ug/Kg
110-82-7	Cyclohexane	0.67	U	0.67	4.90	ug/Kg
78-93-3	2-Butanone	5.60	U	5.60	24.4	ug/Kg
56-23-5	Carbon Tetrachloride	0.85	U	0.85	4.90	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.60	U	0.60	4.90	ug/Kg
74-97-5	Bromochloromethane	2.40	U	2.40	4.90	ug/Kg
67-66-3	Chloroform	0.65	U	0.65	4.90	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.76	U	0.76	4.90	ug/Kg
108-87-2	Methylcyclohexane	0.85	U	0.85	4.90	ug/Kg
71-43-2	Benzene	0.70	U	0.70	4.90	ug/Kg
107-06-2	1,2-Dichloroethane	0.60	U	0.60	4.90	ug/Kg
79-01-6	Trichloroethene	0.73	U	0.73	4.90	ug/Kg
78-87-5	1,2-Dichloropropane	0.65	U	0.65	4.90	ug/Kg
75-27-4	Bromodichloromethane	0.55	U	0.55	4.90	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.30	U	4.30	24.4	ug/Kg
108-88-3	Toluene	0.65	U	0.65	4.90	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-3RE		SDG No.:	P4822	
Lab Sample ID:	P4822-05RE		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	92.5	
Sample Wt/Vol:	5.53	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
VD080052.D	1		11/17/24 19:49	VD111724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.59	U	0.59	4.90	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.56	U	0.56	4.90	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.82	U	0.82	4.90	ug/Kg
591-78-6	2-Hexanone	4.70	U	4.70	24.4	ug/Kg
124-48-1	Dibromochloromethane	0.64	U	0.64	4.90	ug/Kg
106-93-4	1,2-Dibromoethane	0.77	U	0.77	4.90	ug/Kg
127-18-4	Tetrachloroethene	0.87	U	0.87	4.90	ug/Kg
108-90-7	Chlorobenzene	0.72	U	0.72	4.90	ug/Kg
100-41-4	Ethyl Benzene	0.61	U	0.61	4.90	ug/Kg
179601-23-1	m/p-Xylenes	1.30	U	1.30	9.80	ug/Kg
95-47-6	o-Xylene	0.68	U	0.68	4.90	ug/Kg
100-42-5	Styrene	0.59	U	0.59	4.90	ug/Kg
75-25-2	Bromoform	0.79	U	0.79	4.90	ug/Kg
98-82-8	Isopropylbenzene	0.65	U	0.65	4.90	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.10	U	1.10	4.90	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.72	U	0.72	4.90	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.78	U	0.78	4.90	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.58	U	0.58	4.90	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.50	U	1.50	4.90	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.77	U	0.77	4.90	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.76	U	0.76	4.90	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.7		70 (50) - 130 (163)	97%	SPK: 50
1868-53-7	Dibromofluoromethane	57.5		70 (54) - 130 (147)	115%	SPK: 50
2037-26-5	Toluene-d8	44.8		70 (58) - 130 (134)	90%	SPK: 50
460-00-4	4-Bromofluorobenzene	37.5		70 (29) - 130 (146)	75%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	137000	7.875			
540-36-3	1,4-Difluorobenzene	217000	8.775			
3114-55-4	Chlorobenzene-d5	188000	11.581			
3855-82-1	1,4-Dichlorobenzene-d4	75400	13.516			

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-3RE	SDG No.:	P4822
Lab Sample ID:	P4822-05RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.5
Sample Wt/Vol:	5.53 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
VD080052.D	1		11/17/24 19:49	VD111724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

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

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

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)
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			

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
------------	-----------	-------	-----------	-----	------------	-------

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

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-4RE		SDG No.:	P4822	
Lab Sample ID:	P4822-07RE		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	93.5	
Sample Wt/Vol:	5.71	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
VD080053.D	1		11/17/24 20:16	VD111724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.50	U	1.50	4.70	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	4.70	ug/Kg
75-01-4	Vinyl Chloride	0.72	U	0.72	4.70	ug/Kg
74-83-9	Bromomethane	0.96	U	0.96	4.70	ug/Kg
75-00-3	Chloroethane	0.95	U	0.95	4.70	ug/Kg
75-69-4	Trichlorofluoromethane	0.85	U	0.85	4.70	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	1.00	4.70	ug/Kg
75-35-4	1,1-Dichloroethene	0.73	U	0.73	4.70	ug/Kg
67-64-1	Acetone	5.80	U	5.80	23.4	ug/Kg
75-15-0	Carbon Disulfide	1.20	U	1.20	4.70	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.63	U	0.63	4.70	ug/Kg
79-20-9	Methyl Acetate	1.70	U	1.70	4.70	ug/Kg
75-09-2	Methylene Chloride	3.20	U	3.20	9.40	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.79	U	0.79	4.70	ug/Kg
75-34-3	1,1-Dichloroethane	0.59	U	0.59	4.70	ug/Kg
110-82-7	Cyclohexane	0.65	U	0.65	4.70	ug/Kg
78-93-3	2-Butanone	5.30	U	5.30	23.4	ug/Kg
56-23-5	Carbon Tetrachloride	0.81	U	0.81	4.70	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.57	U	0.57	4.70	ug/Kg
74-97-5	Bromochloromethane	2.30	U	2.30	4.70	ug/Kg
67-66-3	Chloroform	0.63	U	0.63	4.70	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.73	U	0.73	4.70	ug/Kg
108-87-2	Methylcyclohexane	0.81	U	0.81	4.70	ug/Kg
71-43-2	Benzene	0.67	U	0.67	4.70	ug/Kg
107-06-2	1,2-Dichloroethane	0.57	U	0.57	4.70	ug/Kg
79-01-6	Trichloroethene	0.70	U	0.70	4.70	ug/Kg
78-87-5	1,2-Dichloropropane	0.62	U	0.62	4.70	ug/Kg
75-27-4	Bromodichloromethane	0.52	U	0.52	4.70	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.10	U	4.10	23.4	ug/Kg
108-88-3	Toluene	0.63	U	0.63	4.70	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-4RE		SDG No.:	P4822	
Lab Sample ID:	P4822-07RE		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	93.5	
Sample Wt/Vol:	5.71	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
VD080053.D	1		11/17/24 20:16	VD111724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.56	U	0.56	4.70	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.53	U	0.53	4.70	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.79	U	0.79	4.70	ug/Kg
591-78-6	2-Hexanone	4.50	U	4.50	23.4	ug/Kg
124-48-1	Dibromochloromethane	0.61	U	0.61	4.70	ug/Kg
106-93-4	1,2-Dibromoethane	0.74	U	0.74	4.70	ug/Kg
127-18-4	Tetrachloroethene	0.83	U	0.83	4.70	ug/Kg
108-90-7	Chlorobenzene	0.69	U	0.69	4.70	ug/Kg
100-41-4	Ethyl Benzene	0.58	U	0.58	4.70	ug/Kg
179601-23-1	m/p-Xylenes	1.30	U	1.30	9.40	ug/Kg
95-47-6	o-Xylene	0.66	U	0.66	4.70	ug/Kg
100-42-5	Styrene	0.56	U	0.56	4.70	ug/Kg
75-25-2	Bromoform	0.76	U	0.76	4.70	ug/Kg
98-82-8	Isopropylbenzene	0.63	U	0.63	4.70	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	1.00	4.70	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.69	U	0.69	4.70	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.75	U	0.75	4.70	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.55	U	0.55	4.70	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.50	U	1.50	4.70	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.74	U	0.74	4.70	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.73	U	0.73	4.70	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.4		70 (50) - 130 (163)	97%	SPK: 50
1868-53-7	Dibromofluoromethane	48.8		70 (54) - 130 (147)	98%	SPK: 50
2037-26-5	Toluene-d8	35.7		70 (58) - 130 (134)	71%	SPK: 50
460-00-4	4-Bromofluorobenzene	29.1	*	70 (29) - 130 (146)	58%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	128000	7.875			
540-36-3	1,4-Difluorobenzene	210000	8.775			
3114-55-4	Chlorobenzene-d5	177000	11.581			
3855-82-1	1,4-Dichlorobenzene-d4	66800	13.516			

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-4RE		SDG No.:	P4822	
Lab Sample ID:	P4822-07RE		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	93.5	
Sample Wt/Vol:	5.71	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
VD080053.D	1		11/17/24 20:16	VD111724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

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

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-5		SDG No.:	P4822	
Lab Sample ID:	P4822-09		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	88.9	
Sample Wt/Vol:	6.12	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
VY020292.D	1		11/13/24 18:46	VY111324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.50	U	1.50	4.60	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	4.60	ug/Kg
75-01-4	Vinyl Chloride	0.71	U	0.71	4.60	ug/Kg
74-83-9	Bromomethane	0.95	U	0.95	4.60	ug/Kg
75-00-3	Chloroethane	0.93	U	0.93	4.60	ug/Kg
75-69-4	Trichlorofluoromethane	0.84	U	0.84	4.60	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.98	U	0.98	4.60	ug/Kg
75-35-4	1,1-Dichloroethene	0.72	U	0.72	4.60	ug/Kg
67-64-1	Acetone	5.70	U	5.70	23.0	ug/Kg
75-15-0	Carbon Disulfide	1.20	U	1.20	4.60	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.62	U	0.62	4.60	ug/Kg
79-20-9	Methyl Acetate	1.70	U	1.70	4.60	ug/Kg
75-09-2	Methylene Chloride	3.10	U	3.10	9.20	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.77	U	0.77	4.60	ug/Kg
75-34-3	1,1-Dichloroethane	0.58	U	0.58	4.60	ug/Kg
110-82-7	Cyclohexane	0.63	U	0.63	4.60	ug/Kg
78-93-3	2-Butanone	5.20	U	5.20	23.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.80	UQ	0.80	4.60	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.56	U	0.56	4.60	ug/Kg
74-97-5	Bromochloromethane	2.20	U	2.20	4.60	ug/Kg
67-66-3	Chloroform	0.62	U	0.62	4.60	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.72	U	0.72	4.60	ug/Kg
108-87-2	Methylcyclohexane	0.80	U	0.80	4.60	ug/Kg
71-43-2	Benzene	0.66	UQ	0.66	4.60	ug/Kg
107-06-2	1,2-Dichloroethane	0.56	UQ	0.56	4.60	ug/Kg
79-01-6	Trichloroethene	0.69	U	0.69	4.60	ug/Kg
78-87-5	1,2-Dichloropropane	0.61	UQ	0.61	4.60	ug/Kg
75-27-4	Bromodichloromethane	0.51	UQ	0.51	4.60	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.00	U	4.00	23.0	ug/Kg
108-88-3	Toluene	0.62	U	0.62	4.60	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-5			SDG No.:	P4822		
Lab Sample ID:	P4822-09			Matrix:	SOIL		
Analytical Method:	SW8260			% Solid:	88.9		
Sample Wt/Vol:	6.12	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
VY020292.D	1		11/13/24 18:46	VY111324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.55	U	0.55	4.60	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.52	UQ	0.52	4.60	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.77	UQ	0.77	4.60	ug/Kg
591-78-6	2-Hexanone	4.40	U	4.40	23.0	ug/Kg
124-48-1	Dibromochloromethane	0.60	UQ	0.60	4.60	ug/Kg
106-93-4	1,2-Dibromoethane	0.73	U	0.73	4.60	ug/Kg
127-18-4	Tetrachloroethene	0.82	UQ	0.82	4.60	ug/Kg
108-90-7	Chlorobenzene	0.68	U	0.68	4.60	ug/Kg
100-41-4	Ethyl Benzene	0.57	U	0.57	4.60	ug/Kg
179601-23-1	m/p-Xylenes	1.20	UQ	1.20	9.20	ug/Kg
95-47-6	o-Xylene	0.64	UQ	0.64	4.60	ug/Kg
100-42-5	Styrene	0.55	UQ	0.55	4.60	ug/Kg
75-25-2	Bromoform	0.74	UQ	0.74	4.60	ug/Kg
98-82-8	Isopropylbenzene	0.62	U	0.62	4.60	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	1.00	4.60	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.68	U	0.68	4.60	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.74	U	0.74	4.60	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.54	U	0.54	4.60	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.40	U	1.40	4.60	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.73	U	0.73	4.60	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.72	U	0.72	4.60	ug/Kg

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	47.5		70 (50) - 130 (163)	95%	SPK: 50
1868-53-7	Dibromofluoromethane	65.3	*	70 (54) - 130 (147)	131%	SPK: 50
2037-26-5	Toluene-d8	48.5		70 (58) - 130 (134)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.6		70 (29) - 130 (146)	89%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	188000	7.713
540-36-3	1,4-Difluorobenzene	325000	8.622
3114-55-4	Chlorobenzene-d5	313000	11.42
3855-82-1	1,4-Dichlorobenzene-d4	138000	13.347

TENTATIVE IDENTIFIED COMPOUNDS

C

D

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-5		SDG No.:	P4822	
Lab Sample ID:	P4822-09		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	88.9	
Sample Wt/Vol:	6.12	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
VY020292.D	1		11/13/24 18:46	VY111324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
055429-85-1	Benzeneethanamine, N-[(pentafluoro	6.30	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

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

C

D

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

LAB CHRONICLE

OrderID:	P4822	OrderDate:	11/12/2024 1:54:09 PM
Client:	BAPS North Bergen	Project:	BAPS North Bergen
Contact:	Rakesh Patel	Location:	L21,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4822-01	SOIL-1	SOIL	VOC-TCLVOA-10	8260D	11/12/24		11/17/24	11/12/24
P4822-03	SOIL-2	SOIL	VOC-TCLVOA-10	8260D	11/12/24		11/13/24	11/12/24
P4822-05	SOIL-3	SOIL	VOC-TCLVOA-10	8260D	11/12/24		11/13/24	11/12/24
P4822-05RE	SOIL-3RE	SOIL	VOC-TCLVOA-10	8260D	11/12/24		11/17/24	11/12/24
P4822-07	SOIL-4	SOIL	VOC-TCLVOA-10	8260D	11/12/24		11/13/24	11/12/24
P4822-07RE	SOIL-4RE	SOIL	VOC-TCLVOA-10	8260D	11/12/24		11/17/24	11/12/24
P4822-09	SOIL-5	SOIL	VOC-TCLVOA-10	8260D	11/12/24		11/13/24	11/12/24
P4822-11	SOIL-6	SOIL	VOC-TCLVOA-10	8260D	11/12/24		11/13/24	11/12/24