

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:	P4822-06			Matrix:	SOIL		
Analytical Method:	SW8270			% Solid:	91.4		
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20		
Extraction Type :		Decanted :	N	Level :	LOW		
Injection Volume :		GPC Factor :	1.0	GPC Cleanup :	N	PH :	
Prep Method :	SW3541						

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140516.D	1	11/13/24 09:15	11/20/24 22:40	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	200	U	200	360	ug/Kg
108-95-2	Phenol	90.7	U	90.7	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	91.5	U	91.5	190	ug/Kg
95-57-8	2-Chlorophenol	91.3	U	91.3	190	ug/Kg
95-48-7	2-Methylphenol	88.2	U	88.2	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	99.4	U	99.4	190	ug/Kg
98-86-2	Acetophenone	95.0	U	95.0	190	ug/Kg
65794-96-9	3+4-Methylphenols	87.3	U	87.3	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44.1	U	44.1	87.5	ug/Kg
67-72-1	Hexachloroethane	90.8	U	90.8	190	ug/Kg
98-95-3	Nitrobenzene	99.3	U	99.3	190	ug/Kg
78-59-1	Isophorone	92.5	U	92.5	190	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	93.8	U	93.8	190	ug/Kg
120-83-2	2,4-Dichlorophenol	82.6	U	82.6	190	ug/Kg
91-20-3	Naphthalene	90.3	U	90.3	190	ug/Kg
106-47-8	4-Chloroaniline	90.3	UQ	90.3	190	ug/Kg
87-68-3	Hexachlorobutadiene	91.1	U	91.1	190	ug/Kg
105-60-2	Caprolactam	94.9	U	94.9	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	84.8	U	84.8	190	ug/Kg
91-57-6	2-Methylnaphthalene	90.2	U	90.2	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	UQ	170	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	78.1	U	78.1	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	80.9	U	80.9	190	ug/Kg
92-52-4	1,1-Biphenyl	95.6	U	95.6	190	ug/Kg
91-58-7	2-Chloronaphthalene	91.1	U	91.1	190	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	190	ug/Kg
131-11-3	Dimethylphthalate	89.4	U	89.4	190	ug/Kg

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208-96-8	Acenaphthylene	94.6	U	94.6	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	91.0	U	91.0	190	ug/Kg
99-09-2	3-Nitroaniline	97.6	UQ	97.6	190	ug/Kg
83-32-9	Acenaphthene	88.7	U	88.7	190	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	360	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	360	ug/Kg
132-64-9	Dibenzofuran	92.3	U	92.3	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	94.3	U	94.3	190	ug/Kg
84-66-2	Diethylphthalate	87.6	U	87.6	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	93.6	U	93.6	190	ug/Kg
86-73-7	Fluorene	93.5	U	93.5	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	89.2	U	89.2	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	86.3	U	86.3	190	ug/Kg
118-74-1	Hexachlorobenzene	93.0	U	93.0	190	ug/Kg
1912-24-9	Atrazine	100	U	100	190	ug/Kg
87-86-5	Pentachlorophenol	84.5	U	84.5	360	ug/Kg
85-01-8	Phenanthrene	91.9	U	91.9	190	ug/Kg
120-12-7	Anthracene	92.3	U	92.3	190	ug/Kg
86-74-8	Carbazole	87.8	U	87.8	190	ug/Kg
84-74-2	Di-n-butylphthalate	92.2	U	92.2	190	ug/Kg
206-44-0	Fluoranthene	140	J	89.4	190	ug/Kg
129-00-0	Pyrene	110	J	90.8	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	UQ	110	360	ug/Kg
56-55-3	Benzo(a)anthracene	88.3	U	88.3	190	ug/Kg
218-01-9	Chrysene	87.0	U	87.0	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	99.5	U	99.5	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	89.1	J	88.7	190	ug/Kg

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207-08-9	Benzo(k)fluoranthene	90.3	U	90.3	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	85.4	U	85.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	88.8	U	88.8	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	87.6	U	87.6	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	94.9	U	94.9	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	81.7	U	81.7	190	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	99.1		30 (18) - 130 (112)	66%	SPK: 150
13127-88-3	Phenol-d6	88.5		30 (15) - 130 (107)	59%	SPK: 150
4165-60-0	Nitrobenzene-d5	73.9		30 (18) - 130 (107)	74%	SPK: 100
321-60-8	2-Fluorobiphenyl	86.4		30 (20) - 130 (109)	86%	SPK: 100
118-79-6	2,4,6-Tribromophenol	111		30 (10) - 130 (116)	74%	SPK: 150
1718-51-0	Terphenyl-d14	72.4		30 (10) - 130 (105)	72%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	102000	6.875
1146-65-2	Naphthalene-d8	324000	8.151
15067-26-2	Acenaphthene-d10	143000	9.91
1517-22-2	Phenanthrene-d10	282000	11.398
1719-03-5	Chrysene-d12	215000	14.045
1520-96-3	Perylene-d12	157000	15.539

TENTATIVE IDENTIFIED COMPOUNDS

000994-05-8	Butane, 2-methoxy-2-methyl-	1600	J	2.15	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	82.0	AB	5.10	ug/Kg
000119-61-9	Benzophenone	630	J	10.6	ug/Kg
001940-18-7	Cyclohexanol, 1-ethyl-	110	J	10.9	ug/Kg
000057-10-3	n-Hexadecanoic acid	620	J	11.9	ug/Kg
000057-11-4	Octadecanoic acid	130	J	12.7	ug/Kg
001599-67-3	1-Docosene	260	J	13.9	ug/Kg

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007683-64-9	Supraene	360	J		14.9	ug/Kg
000112-95-8	Eicosane	420	J		15.2	ug/Kg
007225-64-1	Heptadecane, 9-octyl-	350	J		16.0	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