

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:	P4822-04	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	89.7
Sample Wt/Vol:	30.05 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
BF140584.D	1	11/13/24 09:15	11/22/24 18:09	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	200	U	200	370	ug/Kg
108-95-2	Phenol	92.3	U	92.3	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	93.2	U	93.2	190	ug/Kg
95-57-8	2-Chlorophenol	92.9	U	92.9	190	ug/Kg
95-48-7	2-Methylphenol	89.7	U	89.7	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	190	ug/Kg
98-86-2	Acetophenone	96.7	U	96.7	190	ug/Kg
65794-96-9	3+4-Methylphenols	88.8	U	88.8	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44.9	U	44.9	89.0	ug/Kg
67-72-1	Hexachloroethane	92.4	U	92.4	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	190	ug/Kg
78-59-1	Isophorone	94.2	U	94.2	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	95.5	U	95.5	190	ug/Kg
120-83-2	2,4-Dichlorophenol	84.0	U	84.0	190	ug/Kg
91-20-3	Naphthalene	91.9	U	91.9	190	ug/Kg
106-47-8	4-Chloroaniline	91.9	UQ	91.9	190	ug/Kg
87-68-3	Hexachlorobutadiene	92.7	U	92.7	190	ug/Kg
105-60-2	Caprolactam	96.6	U	96.6	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	86.3	U	86.3	190	ug/Kg
91-57-6	2-Methylnaphthalene	91.8	U	91.8	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	UQ	170	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	79.5	U	79.5	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	82.4	U	82.4	190	ug/Kg
92-52-4	1,1-Biphenyl	97.3	U	97.3	190	ug/Kg
91-58-7	2-Chloronaphthalene	92.7	U	92.7	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	190	ug/Kg
131-11-3	Dimethylphthalate	90.9	U	90.9	190	ug/Kg

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208-96-8	Acenaphthylene	96.3	U	96.3	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	92.6	U	92.6	190	ug/Kg
99-09-2	3-Nitroaniline	99.3	UQ	99.3	190	ug/Kg
83-32-9	Acenaphthene	90.3	U	90.3	190	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	370	ug/Kg
132-64-9	Dibenzofuran	93.9	U	93.9	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	95.9	U	95.9	190	ug/Kg
84-66-2	Diethylphthalate	89.1	U	89.1	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	95.3	U	95.3	190	ug/Kg
86-73-7	Fluorene	95.2	U	95.2	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	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	90.8	U	90.8	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	87.8	U	87.8	190	ug/Kg
118-74-1	Hexachlorobenzene	94.6	U	94.6	190	ug/Kg
1912-24-9	Atrazine	100	U	100	190	ug/Kg
87-86-5	Pentachlorophenol	86.0	U	86.0	370	ug/Kg
85-01-8	Phenanthrene	93.5	U	93.5	190	ug/Kg
120-12-7	Anthracene	93.9	U	93.9	190	ug/Kg
86-74-8	Carbazole	89.4	U	89.4	190	ug/Kg
84-74-2	Di-n-butylphthalate	93.8	U	93.8	190	ug/Kg
206-44-0	Fluoranthene	90.9	U	90.9	190	ug/Kg
129-00-0	Pyrene	92.4	U	92.4	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	UQ	110	370	ug/Kg
56-55-3	Benzo(a)anthracene	89.8	U	89.8	190	ug/Kg
218-01-9	Chrysene	88.5	U	88.5	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	90.3	U	90.3	190	ug/Kg

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207-08-9	Benzo(k)fluoranthene	91.9	U	91.9	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	86.9	U	86.9	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	90.4	U	90.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	89.1	U	89.1	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	96.6	U	96.6	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	83.1	U	83.1	190	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	75.6		30 (18) - 130 (112)	50%	SPK: 150
13127-88-3	Phenol-d6	75.0		30 (15) - 130 (107)	50%	SPK: 150
4165-60-0	Nitrobenzene-d5	52.5		30 (18) - 130 (107)	53%	SPK: 100
321-60-8	2-Fluorobiphenyl	57.8		30 (20) - 130 (109)	58%	SPK: 100
118-79-6	2,4,6-Tribromophenol	64.2		30 (10) - 130 (116)	43%	SPK: 150
1718-51-0	Terphenyl-d14	49.3		30 (10) - 130 (105)	49%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	94600	6.869
1146-65-2	Naphthalene-d8	339000	8.151
15067-26-2	Acenaphthene-d10	156000	9.904
1517-22-2	Phenanthrene-d10	244000	11.398
1719-03-5	Chrysene-d12	158000	14.045
1520-96-3	Perylene-d12	117000	15.539

TENTATIVE IDENTIFIED COMPOUNDS

000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J	2.13	ug/Kg
000119-61-9	Benzophenone	440	J	10.6	ug/Kg
000947-19-3	Methanone, (1-hydroxycyclohexyl)ph	88.3	J	10.9	ug/Kg
000057-10-3	n-Hexadecanoic acid	360	J	11.9	ug/Kg
074685-33-9	3-Eicosene, (E)-	280	J	13.9	ug/Kg
000629-99-2	Pentacosane	110	J	15.2	ug/Kg

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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