

Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	BP-F-24MSD	SDG No.:	P4822
Lab Sample ID:	P4821-01MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	88.4
Sample Wt/Vol:	50.03 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
BF140433.D	1	11/13/24 09:15	11/16/24 16:42	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	130	J	120	220	ug/Kg
108-95-2	Phenol	970		56.2	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	960		56.8	120	ug/Kg
95-57-8	2-Chlorophenol	1000		56.6	120	ug/Kg
95-48-7	2-Methylphenol	960		54.7	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	930		61.7	120	ug/Kg
98-86-2	Acetophenone	980		58.9	120	ug/Kg
65794-96-9	3+4-Methylphenols	990		54.1	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	920		27.3	54.3	ug/Kg
67-72-1	Hexachloroethane	930		56.3	120	ug/Kg
98-95-3	Nitrobenzene	950		61.6	120	ug/Kg
78-59-1	Isophorone	960		57.4	120	ug/Kg
88-75-5	2-Nitrophenol	1000		64.1	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		63.2	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	950		58.2	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		51.2	120	ug/Kg
91-20-3	Naphthalene	960		56.0	120	ug/Kg
106-47-8	4-Chloroaniline	200		56.0	120	ug/Kg
87-68-3	Hexachlorobutadiene	940		56.5	120	ug/Kg
105-60-2	Caprolactam	1000		58.9	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	980		52.6	120	ug/Kg
91-57-6	2-Methylnaphthalene	970		56.0	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2500	E	110	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000		48.4	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	970		50.2	120	ug/Kg
92-52-4	1,1-Biphenyl	990		59.3	120	ug/Kg
91-58-7	2-Chloronaphthalene	970		56.5	120	ug/Kg
88-74-4	2-Nitroaniline	1000		64.4	120	ug/Kg
131-11-3	Dimethylphthalate	990		55.4	120	ug/Kg

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208-96-8	Acenaphthylene	1100		58.7	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	960		56.4	120	ug/Kg
99-09-2	3-Nitroaniline	550		60.5	120	ug/Kg
83-32-9	Acenaphthene	1100		55.0	120	ug/Kg
51-28-5	2,4-Dinitrophenol	1500		160	220	ug/Kg
100-02-7	4-Nitrophenol	1900	E	78.7	220	ug/Kg
132-64-9	Dibenzofuran	1000		57.3	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	990		58.5	120	ug/Kg
84-66-2	Diethylphthalate	960		54.3	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	980		58.1	120	ug/Kg
86-73-7	Fluorene	980		58.0	120	ug/Kg
100-01-6	4-Nitroaniline	860		72.6	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	880		79.4	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		55.4	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	970		53.5	120	ug/Kg
118-74-1	Hexachlorobenzene	990		57.7	120	ug/Kg
1912-24-9	Atrazine	1100		62.0	120	ug/Kg
87-86-5	Pentachlorophenol	1800		52.4	220	ug/Kg
85-01-8	Phenanthrene	1000		57.0	120	ug/Kg
120-12-7	Anthracene	1000		57.3	120	ug/Kg
86-74-8	Carbazole	940		54.5	120	ug/Kg
84-74-2	Di-n-butylphthalate	950		57.2	120	ug/Kg
206-44-0	Fluoranthene	820		55.4	120	ug/Kg
129-00-0	Pyrene	890		56.3	120	ug/Kg
85-68-7	Butylbenzylphthalate	890		65.7	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	710		66.9	220	ug/Kg
56-55-3	Benzo(a)anthracene	990		54.7	120	ug/Kg
218-01-9	Chrysene	1000		53.9	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	880		61.7	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		74.6	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	980		55.0	120	ug/Kg

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207-08-9	Benzo(k)fluoranthene	1100		56.0	120	ug/Kg
50-32-8	Benzo(a)pyrene	1100		63.1	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	750		53.0	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	760		55.1	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	640		54.3	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	990		58.9	120	ug/Kg
123-91-1	1,4-Dioxane	940		74.6	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		50.7	120	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	98.4		30 (18) - 130 (112)	66%	SPK: 150
13127-88-3	Phenol-d6	95.6		30 (15) - 130 (107)	64%	SPK: 150
4165-60-0	Nitrobenzene-d5	67.3		30 (18) - 130 (107)	67%	SPK: 100
321-60-8	2-Fluorobiphenyl	68.1		30 (20) - 130 (109)	68%	SPK: 100
118-79-6	2,4,6-Tribromophenol	99.7		30 (10) - 130 (116)	66%	SPK: 150
1718-51-0	Terphenyl-d14	62.1		30 (10) - 130 (105)	62%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	119000	6.875			
1146-65-2	Naphthalene-d8	442000	8.157			
15067-26-2	Acenaphthene-d10	241000	9.91			
1517-22-2	Phenanthrene-d10	436000	11.398			
1719-03-5	Chrysene-d12	249000	14.045			
1520-96-3	Perylene-d12	248000	15.527			

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