

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-24MS	SDG No.:	P4822
Lab Sample ID:	P4821-01MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	88.4
Sample Wt/Vol:	50.05 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
BF140432.D	1	11/13/24 09:15	11/16/24 16:16	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	1000		56.2	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1000		56.8	120	ug/Kg
95-57-8	2-Chlorophenol	1000		56.6	120	ug/Kg
95-48-7	2-Methylphenol	1000		54.7	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	970		61.6	120	ug/Kg
98-86-2	Acetophenone	1000		58.9	120	ug/Kg
65794-96-9	3+4-Methylphenols	1000		54.1	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	950		27.3	54.2	ug/Kg
67-72-1	Hexachloroethane	960		56.3	120	ug/Kg
98-95-3	Nitrobenzene	970		61.6	120	ug/Kg
78-59-1	Isophorone	1000		57.4	120	ug/Kg
88-75-5	2-Nitrophenol	1100		64.1	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		63.2	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	980		58.2	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		51.2	120	ug/Kg
91-20-3	Naphthalene	990		56.0	120	ug/Kg
106-47-8	4-Chloroaniline	300		56.0	120	ug/Kg
87-68-3	Hexachlorobutadiene	980		56.5	120	ug/Kg
105-60-2	Caprolactam	1100		58.9	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		52.5	120	ug/Kg
91-57-6	2-Methylnaphthalene	1000		55.9	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2800	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	1000		50.2	120	ug/Kg
92-52-4	1,1-Biphenyl	1000		59.3	120	ug/Kg
91-58-7	2-Chloronaphthalene	1000		56.5	120	ug/Kg
88-74-4	2-Nitroaniline	1100		64.4	120	ug/Kg
131-11-3	Dimethylphthalate	1000		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	1000		56.4	120	ug/Kg
99-09-2	3-Nitroaniline	670		60.5	120	ug/Kg
83-32-9	Acenaphthene	1100		55.0	120	ug/Kg
51-28-5	2,4-Dinitrophenol	1600		160	220	ug/Kg
100-02-7	4-Nitrophenol	2100	E	78.7	220	ug/Kg
132-64-9	Dibenzofuran	1000		57.2	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000		58.4	120	ug/Kg
84-66-2	Diethylphthalate	1000		54.3	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		58.0	120	ug/Kg
86-73-7	Fluorene	1000		58.0	120	ug/Kg
100-01-6	4-Nitroaniline	950		72.6	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	940		79.3	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		55.3	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		53.5	120	ug/Kg
118-74-1	Hexachlorobenzene	1000		57.6	120	ug/Kg
1912-24-9	Atrazine	1200		62.0	120	ug/Kg
87-86-5	Pentachlorophenol	1900	E	52.4	220	ug/Kg
85-01-8	Phenanthrene	1000		57.0	120	ug/Kg
120-12-7	Anthracene	1100		57.2	120	ug/Kg
86-74-8	Carbazole	1000		54.4	120	ug/Kg
84-74-2	Di-n-butylphthalate	1000		57.2	120	ug/Kg
206-44-0	Fluoranthene	890		55.4	120	ug/Kg
129-00-0	Pyrene	1000		56.3	120	ug/Kg
85-68-7	Butylbenzylphthalate	1000		65.6	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	800		66.9	220	ug/Kg
56-55-3	Benzo(a)anthracene	1000		54.7	120	ug/Kg
218-01-9	Chrysene	1000		53.9	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		61.7	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		74.6	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	970		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	790		53.0	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	790		55.1	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	660		54.3	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		58.9	120	ug/Kg
123-91-1	1,4-Dioxane	960		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	101		30 (18) - 130 (112)	67%	SPK: 150
13127-88-3	Phenol-d6	98.9		30 (15) - 130 (107)	66%	SPK: 150
4165-60-0	Nitrobenzene-d5	69.7		30 (18) - 130 (107)	70%	SPK: 100
321-60-8	2-Fluorobiphenyl	70.2		30 (20) - 130 (109)	70%	SPK: 100
118-79-6	2,4,6-Tribromophenol	107		30 (10) - 130 (116)	71%	SPK: 150
1718-51-0	Terphenyl-d14	70.5		30 (10) - 130 (105)	70%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	124000	6.875
1146-65-2	Naphthalene-d8	461000	8.157
15067-26-2	Acenaphthene-d10	252000	9.91
1517-22-2	Phenanthrene-d10	476000	11.398
1719-03-5	Chrysene-d12	261000	14.051
1520-96-3	Perylene-d12	262000	15.545

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