

Report of Analysis

Client:	Environmental Restoration, LLC		Date Collected:	
Project:	Cooper Chemical - Long Valley NJ 2-COOP-ANS		Date Received:	
Client Sample ID:	PB168904BS		SDG No.:	Q2594
Lab Sample ID:	PB168904BS		Matrix:	Water
Analytical Method:	625.1		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	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 :	3510C			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143162.D	1	07/17/25 08:39	07/18/25 12:53	PB168904

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	0.034		0.0039	0.010	mg/L
108-95-2	Phenol	0.042		0.00091	0.0050	mg/L
111-44-4	bis(2-Chloroethyl)ether	0.043		0.00081	0.0050	mg/L
95-57-8	2-Chlorophenol	0.043		0.00058	0.0050	mg/L
95-48-7	2-Methylphenol	0.043		0.0011	0.0050	mg/L
108-60-1	2,2-oxybis(1-Chloropropane)	0.043		0.0013	0.0050	mg/L
98-86-2	Acetophenone	0.043		0.00074	0.0050	mg/L
65794-96-9	3+4-Methylphenols	0.044		0.0011	0.010	mg/L
621-64-7	n-Nitroso-di-n-propylamine	0.042		0.0014	0.0050	mg/L
67-72-1	Hexachloroethane	0.043		0.00065	0.0050	mg/L
98-95-3	Nitrobenzene	0.044		0.00076	0.0050	mg/L
78-59-1	Isophorone	0.044		0.00075	0.0050	mg/L
88-75-5	2-Nitrophenol	0.046		0.0018	0.0050	mg/L
105-67-9	2,4-Dimethylphenol	0.044		0.0019	0.0050	mg/L
111-91-1	bis(2-Chloroethoxy)methane	0.043		0.00068	0.0050	mg/L
120-83-2	2,4-Dichlorophenol	0.044		0.00052	0.0050	mg/L
91-20-3	Naphthalene	0.043		0.00050	0.0050	mg/L
106-47-8	4-Chloroaniline	0.019		0.00084	0.0050	mg/L
87-68-3	Hexachlorobutadiene	0.043		0.00054	0.0050	mg/L
105-60-2	Caprolactam	0.047		0.0011	0.010	mg/L
59-50-7	4-Chloro-3-methylphenol	0.044		0.00059	0.0050	mg/L
91-57-6	2-Methylnaphthalene	0.043		0.00056	0.0050	mg/L
77-47-4	Hexachlorocyclopentadiene	0.086	E	0.0036	0.010	mg/L
88-06-2	2,4,6-Trichlorophenol	0.043		0.00051	0.0050	mg/L
95-95-4	2,4,5-Trichlorophenol	0.046		0.00062	0.0050	mg/L
92-52-4	1,1-Biphenyl	0.043		0.00053	0.0050	mg/L
91-58-7	2-Chloronaphthalene	0.043		0.00061	0.0050	mg/L
88-74-4	2-Nitroaniline	0.047		0.0013	0.0050	mg/L
131-11-3	Dimethylphthalate	0.044		0.00061	0.0050	mg/L

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208-96-8	Acenaphthylene	0.043		0.00075	0.0050	mg/L
606-20-2	2,6-Dinitrotoluene	0.047		0.00092	0.0050	mg/L
99-09-2	3-Nitroaniline	0.029		0.0011	0.0050	mg/L
83-32-9	Acenaphthene	0.046		0.00055	0.0050	mg/L
51-28-5	2,4-Dinitrophenol	0.091	E	0.0060	0.010	mg/L
100-02-7	4-Nitrophenol	0.089	E	0.0024	0.010	mg/L
132-64-9	Dibenzofuran	0.043		0.00061	0.0050	mg/L
121-14-2	2,4-Dinitrotoluene	0.049		0.0012	0.0050	mg/L
84-66-2	Diethylphthalate	0.045		0.00069	0.0050	mg/L
7005-72-3	4-Chlorophenyl-phenylether	0.043		0.00068	0.0050	mg/L
86-73-7	Fluorene	0.043		0.00063	0.0050	mg/L
100-01-6	4-Nitroaniline	0.044		0.0015	0.0050	mg/L
534-52-1	4,6-Dinitro-2-methylphenol	0.045		0.0029	0.010	mg/L
86-30-6	n-Nitrosodiphenylamine	0.044		0.00058	0.0050	mg/L
101-55-3	4-Bromophenyl-phenylether	0.044		0.00040	0.0050	mg/L
118-74-1	Hexachlorobenzene	0.045		0.00052	0.0050	mg/L
1912-24-9	Atrazine	0.047		0.0010	0.0050	mg/L
87-86-5	Pentachlorophenol	0.091	E	0.0016	0.010	mg/L
85-01-8	Phenanthrene	0.044		0.00050	0.0050	mg/L
120-12-7	Anthracene	0.044		0.00061	0.0050	mg/L
86-74-8	Carbazole	0.044		0.00072	0.0050	mg/L
84-74-2	Di-n-butylphthalate	0.046		0.0012	0.0050	mg/L
206-44-0	Fluoranthene	0.044		0.00082	0.0050	mg/L
129-00-0	Pyrene	0.045		0.00050	0.0050	mg/L
85-68-7	Butylbenzylphthalate	0.047		0.0019	0.0050	mg/L
91-94-1	3,3-Dichlorobenzidine	0.025		0.00093	0.010	mg/L
56-55-3	Benzo(a)anthracene	0.044		0.00045	0.0050	mg/L
218-01-9	Chrysene	0.045		0.00044	0.0050	mg/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.048		0.0016	0.0050	mg/L
117-84-0	Di-n-octyl phthalate	0.047		0.0023	0.010	mg/L
205-99-2	Benzo(b)fluoranthene	0.045		0.00049	0.0050	mg/L

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207-08-9	Benzo(k)fluoranthene	0.047		0.00048	0.0050	mg/L
50-32-8	Benzo(a)pyrene	0.046		0.00055	0.0050	mg/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.045		0.00059	0.0050	mg/L
53-70-3	Dibenzo(a,h)anthracene	0.045		0.00067	0.0050	mg/L
191-24-2	Benzo(g,h,i)perylene	0.045		0.00069	0.0050	mg/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.042		0.00052	0.0050	mg/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.045		0.00072	0.0050	mg/L
123-91-1	1,4-Dioxane	0.036		0.0010	0.0050	mg/L
SURROGATES						
367-12-4	2-Fluorophenol	79.6		15 (60) - 110 (140)	80%	SPK: 100
13127-88-3	Phenol-d6	80.9		15 (60) - 110 (140)	81%	SPK: 100
4165-60-0	Nitrobenzene-d5	80.0		30 (60) - 130 (140)	80%	SPK: 100
321-60-8	2-Fluorobiphenyl	74.5		30 (60) - 130 (140)	74%	SPK: 100
118-79-6	2,4,6-Tribromophenol	83.6		15 (60) - 110 (140)	84%	SPK: 100
1718-51-0	Terphenyl-d14	78.8		30 (60) - 130 (140)	79%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	141000	6.963			
1146-65-2	Naphthalene-d8	541000	8.245			
15067-26-2	Acenaphthene-d10	282000	9.998			
1517-22-2	Phenanthrene-d10	448000	11.48			
1719-03-5	Chrysene-d12	250000	14.121			
1520-96-3	Perylene-d12	283000	15.621			

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