284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/14/25
Project:	Cooper Chemical - Long Valley NJ 2-COOP-ANS	Date Received:	07/14/25
Client Sample ID:	CC-071325-RW	SDG No.:	Q2594
Lab Sample ID:	Q2594-01	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
BF143166.D	1	07/17/25 08:39	07/18/25 14:54	PB168904

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

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BF143166.D	1	07/17/25 08:39	07/18/25 14:54	PB168904

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

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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		

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207-08-9	Benzo(k)fluoranthene	0.0050	U	0.00048	0.0050	mg/L
50-32-8	Benzo(a)pyrene	0.0050	U	0.00055	0.0050	mg/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.0050	U	0.00059	0.0050	mg/L
53-70-3	Dibenzo(a,h)anthracene	0.0050	U	0.00067	0.0050	mg/L
191-24-2	Benzo(g,h,i)perylene	0.0050	U	0.00069	0.0050	mg/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.0050	U	0.00052	0.0050	mg/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.0050	U	0.00072	0.0050	mg/L
123-91-1	1,4-Dioxane	0.0050	U	0.0010	0.0050	mg/L
SURROGATES						
367-12-4	2-Fluorophenol	21.5		15 (60) - 110 (140)	21%	SPK: 100
13127-88-3	Phenol-d6	16.2		15 (60) - 110 (140)	16%	SPK: 100
4165-60-0	Nitrobenzene-d5	76.5		30 (60) - 130 (140)	76%	SPK: 100
321-60-8	2-Fluorobiphenyl	72.6		30 (60) - 130 (140)	73%	SPK: 100
118-79-6	2,4,6-Tribromophenol	80.2		15 (60) - 110 (140)	80%	SPK: 100
1718-51-0	Terphenyl-d14	71.7		30 (60) - 130 (140)	72%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	149000	6.963			
1146-65-2	Naphthalene-d8	563000	8.239			
15067-26-2	Acenaphthene-d10	291000	9.998			
1517-22-2	Phenanthrene-d10	471000	11.48			
1719-03-5	Chrysene-d12	259000	14.116			
1520-96-3	Perylene-d12	303000	15.621			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	68.3	J		2.32	ug/L
013195-64-7	Malonic acid diisopropyl ester	8.00	J		4.82	ug/L
	unknown5.287	64.0	J		5.29	ug/L
000624-73-7	Ethane, 1,2-diiodo-	10.5	J		6.42	ug/L
004359-46-0	1,3-Dioxolane, 2-ethyl-4-methyl-	48.4	J		6.72	ug/L
000119-61-9	Benzophenone	3.50	J		10.7	ug/L
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	7.90	J		11.9	ug/L

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000057-10-3	n-Hexadecanoic acid	7.20	J		12.0	ug/L
000057-11-4	Octadecanoic acid	4.30	J		12.8	ug/L
1000155-85-3	Cyclohexadecane, 1,2-diethyl-	98.3	J		13.7	ug/L
003452-07-1	1-Eicosene	160	J		13.8	ug/L
000112-88-9	1-Octadecene	9.40	J		16.4	ug/L
005333-42-6	1-Dodecanol, 2-octyl-	220	J		16.6	ug/L

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