

Report of Analysis

Client:	Environmental Restoration, LLC		Date Collected:	
Project:	Cooper Chemical - Long Valley NJ 2-COOP-ANS		Date Received:	
Client Sample ID:	VN0718WBSD01		SDG No.:	Q2594
Lab Sample ID:	VN0718WBSD01		Matrix:	Water
Analytical Method:	E624.1		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087361.D	1	07/18/25 13:16	VN071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	14.0		0.77	5.00	ug/L
74-87-3	Chloromethane	16.1		0.64	5.00	ug/L
75-01-4	Vinyl Chloride	15.8		0.83	5.00	ug/L
74-83-9	Bromomethane	12.2		0.80	5.00	ug/L
75-00-3	Chloroethane	20.1		2.30	5.00	ug/L
75-69-4	Trichlorofluoromethane	20.0		0.80	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	14.9		0.96	5.00	ug/L
75-35-4	1,1-Dichloroethene	14.5		0.76	5.00	ug/L
67-64-1	Acetone	89.4		4.60	25.0	ug/L
75-15-0	Carbon Disulfide	13.6		0.82	5.00	ug/L
1634-04-4	Methyl tert-Butyl Ether	18.4		0.77	5.00	ug/L
79-20-9	Methyl Acetate	20.5		0.91	5.00	ug/L
75-09-2	Methylene Chloride	17.4		0.86	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	15.4		0.82	5.00	ug/L
75-34-3	1,1-Dichloroethane	17.7		0.68	5.00	ug/L
110-82-7	Cyclohexane	14.6		0.92	5.00	ug/L
78-93-3	2-Butanone	110		2.00	25.0	ug/L
56-23-5	Carbon Tetrachloride	20.5		0.74	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	16.8		0.80	5.00	ug/L
67-66-3	Chloroform	19.0		0.55	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.4		0.63	5.00	ug/L
108-87-2	Methylcyclohexane	16.5		0.73	5.00	ug/L
71-43-2	Benzene	18.8		0.45	5.00	ug/L
107-06-2	1,2-Dichloroethane	22.5		0.50	5.00	ug/L
79-01-6	Trichloroethene	18.3		0.49	5.00	ug/L
78-87-5	1,2-Dichloropropane	19.4		0.46	5.00	ug/L
75-27-4	Bromodichloromethane	21.6		0.64	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	120		3.00	25.0	ug/L
108-88-3	Toluene	18.7		0.46	5.00	ug/L
10061-02-6	t-1,3-Dichloropropene	20.0		0.72	5.00	ug/L

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10061-01-5	cis-1,3-Dichloropropene	19.7		0.67	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.8		0.45	5.00	ug/L
591-78-6	2-Hexanone	120		3.20	25.0	ug/L
124-48-1	Dibromochloromethane	21.8		0.66	5.00	ug/L
106-93-4	1,2-Dibromoethane	19.6		0.56	5.00	ug/L
127-18-4	Tetrachloroethene	18.7		0.84	5.00	ug/L
108-90-7	Chlorobenzene	18.9		0.47	5.00	ug/L
100-41-4	Ethyl Benzene	18.2		0.56	5.00	ug/L
179601-23-1	m/p-Xylenes	37.0		1.30	10.0	ug/L
95-47-6	o-Xylene	18.6		0.67	5.00	ug/L
100-42-5	Styrene	18.8		0.72	5.00	ug/L
75-25-2	Bromoform	20.4		0.94	5.00	ug/L
98-82-8	Isopropylbenzene	19.0		0.78	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.0		0.44	5.00	ug/L
108-67-8	1,3,5-Trimethylbenzene	19.9		0.59	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.3		0.67	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.8		0.81	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.2		0.67	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.7		0.86	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	21.3		1.00	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	21.3		1.10	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	32.4		70 (91) - 130 (110)	108%	SPK: 30
2037-26-5	Toluene-d8	30.2		70 (91) - 130 (112)	101%	SPK: 30
460-00-4	4-Bromofluorobenzene	31.9		70 (63) - 130 (112)	106%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	42400	7.8			
540-36-3	1,4-Difluorobenzene	215000	9.083			
3114-55-4	Chlorobenzene-d5	203000	11.847			

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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