Analytical Method Information

524.3 VOA (EPA 524.3) in Water

Preservation: *** DEFAULT PRESERVATION ***
Container: VOA Vial, Amber, 40 mL, Ascorbic & Maleic Acid
Minimum Sample Volume: 120 mL
Hold Time: 14 days

Analyte	CAS #	DL		LOQ / RL	Surrogate %R	Duplicate RPD	Matrix Spike %R	Matrix Spike RPD	Blank Spike / LCS %R	Blank Spike / LCS RPD
Dichlorodifluoromethane	75-71-8	0.327 ug/L	0.500 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
Chloromethane	74-87-3	0.284 ug/L	0.500 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
Vinyl Chloride	75-01-4	0.192 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
Bromomethane	74-83-9	0.188 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
Trichlorofluoromethane	75-69-4	0.218 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
1,1-Dichloroethene	75-35-4	0.210 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
Methylene Chloride	75-09-2	0.485 ug/L	0.500 ug/L	1.00 ug/L		30	70 - 130	30	70 - 130	30
trans-1,2-Dichloroethene	156-60-5	0.195 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
1,1-Dichloroethane	75-34-3	0.105 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
cis-1,2-Dichloroethene	156-59-2	0.0610 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
Chloroform	67-66-3	0.0790 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
Bromochloromethane	74-97-5	0.114 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
1,1,1-Trichloroethane	71-55-6	0.126 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
1,1-Dichloropropene	563-58-6	0.238 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
Carbon tetrachloride	56-23-5	0.124 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
1,2-Dichloroethane	107-06-2	0.0890 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
Benzene	71-43-2	0.130 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
Trichloroethene	79-01-6	0.148 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
1,2-Dichloropropane	78-87-5	0.0950 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
Bromodichloromethane	75-27-4	0.0880 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
Dibromomethane	74-95-3	0.148 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
cis-1,3-dichloropropene	10061-01-5	0.0780 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
Toluene	108-88-3	0.151 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
trans-1,3-Dichloropropene	10061-02-6	0.101 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30

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1,1,2-Trichloroethane	79-00-5	0.102 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
1,3-Dichloropropane	142-28-9	0.107 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
Tetrachloroethene	127-18-4	0.246 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
Dibromochloromethane	124-48-1	0.134 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
1,2-Dibromoethane	106-93-4	0.130 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
Chlorobenzene	108-90-7	0.183 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
Ethylbenzene	100-41-4	0.141 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
1,1,1,2-Tetrachloroethane	630-20-6	0.0830 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
m,p-Xylene	179601-23-1	0.313 ug/L	0.500 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
o-Xylene	95-47-6	0.176 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
Styrene	100-42-5	0.191 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
Isopropyl Benzene	98-82-8	0.116 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
Bromoform	75-25-2	0.173 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
1,1,2,2-Tetrachloroethane	79-34-5	0.0940 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
1,2,3-Trichloropropane	96-18-4	0.182 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
n-Propylbenzene	103-65-1	0.156 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
1,3,5-Trimethylbenzene	108-67-8	0.143 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
Bromobenzene	108-86-1	0.184 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
2-Chlorotoluene	95-49-8	0.158 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
4-Chlorotoluene	106-43-4	0.141 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
t-Butylbenzene	98-06-6	0.173 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
1,2,4-Trimethylbenzene	95-63-6	0.186 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
s-Butylbenzene	135-98-8	0.141 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
4-Isopropyl Toluene	99-87-6	0.130 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
1,3-Dichlorobenzene	541-73-1	0.174 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
1,4-Dichlorobenzene	106-46-7	0.168 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
n-Butylbenzene	104-51-8	0.199 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
1,2-Dichlorobenzene	95-50-1	0.202 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30

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1,2-Dibromo-3-chloropropane	96-12-8	0.183 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
1,2,4-Trichlorobenzene	120-82-1	0.237 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
Hexachloro-1,3-Butadiene	87-68-3	0.206 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
Naphthalene	91-20-3	0.382 ug/L	0.500 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
1,2,3-Trichlorobenzene	87-61-6	0.265 ug/L	0.500 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
Methyl tert-butyl Ether	1634-04-4	0.108 ug/L	0.250 ug/L	0.500 ug/L		30	70 - 130	30	70 - 130	30
surr: Methyl-t-Butyl Ether-d3	29366-08-3				70 - 130					
surr: 4-Bromofluorobenzene	460-00-4				70 - 130					
surr: 1,2-Dichlorobenzene-d4	2199-69-1				70 - 130					
1,4-Difluorobenzene	540-36-3									
Chlorobenzene-d5	3114-55-4									
1,4-Dichlorobenzene-d4	3855-82-1									