



Analytical Methods Approved for Drinking Water Compliance Monitoring of Organic Contaminants

Analysis for the following contaminants shall be conducted in accordance with the methods in the following table, or their equivalent as determined by EPA. The methods and monitoring requirements for these contaminants are specified in 40 CFR 141.24. Additional methods are listed in Appendix A to Subpart C of Part 141.

The CFR is the legal reference for approved methods and takes precedent over this table. The table should accurately reflect the analytical methods information published in 40 CFR 141. If you find discrepancies, please notify The Safe Drinking Water Hotline (800-426-4791) so that EPA can correct the table.

Contaminant	Method Organization	Method Number	Reference Title	Date	EPA Publication Number	Publication Order Number	Source of Method
1,1,1-Trichloroethane							
	EPA	502.2 Rev 2.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	524.2 Rev 4.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	551.1 Rev 1.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
1,1,2-Trichloroethane							
	EPA	502.2 Rev 2.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	524.2 Rev 4.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	551.1 Rev 1.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
1,1-Dichloroethylene							
	EPA	502.2 Rev 2.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov

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1,1-Dichloroethylene							
	EPA	524.2 Rev 4.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
1,2 Dichlorobenzene							
	EPA	502.2 Rev 2.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	524.2 Rev 4.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
1,2,4-Trichlorobenzene							
	EPA	502.2 Rev 2.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	524.2 Rev 4.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
1,2-Dichloroethane							
	EPA	502.2 Rev 2.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	524.2 Rev 4.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
1,2-Dichloropropane							
	EPA	502.2 Rev 2.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	524.2 Rev 4.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov

Contaminant	Method Organization	Method Number	Reference Title	Date	EPA Publication Number	Publication Order Number	Source of Method
1,4-Dichlorobenzene							
	EPA	502.2 Rev 2.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	524.2 Rev 4.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
2,3,7,8-TCDD (dioxin)							
	EPA	1613	Tetra- through Octa- Chlorinated Dioxins and Furans by Isotope-Dilution HRGC/HRMS	October 1994	EPA/821-B-94-005	PB95-104774	National Technical Information Service (NTIS)
2,4,5-TP (Silvex) Accurate determination of the chlorinated esters requires hydrolysis of the sample as described in EPA Methods 515.1, 515.2, 515.3, 515.4, and 555 and ASTM Methods D5317-93 and D5317-98 (Reapproved 2003).							
	ASTM International	D5317-93	Annual Book of ASTM Standards, Vol. 11.02				ASTM International (ASTM)
	ASTM International	D5317-98 (Reapproved 2003)	Annual Book of ASTM Standards, Vol. 11.02				http://www.astm.org
	EPA	515.1 Rev 4.0	In Methods for the Determination of Organic Compounds in Drinking Water	December 1988, Revised July 1991	EPA/600/4-88-039	PB91-231480	National Technical Information Service (NTIS)
	EPA	515.2 Rev 1.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	515.3 Rev 1.0	In Methods for the Determination of Organic and Inorganic Compounds in Drinking Water, Volume 1	August 2000	EPA 815-R-00-014	PB2000-106981	http://www.epa.gov/safewater/methods/sourcalt.html
	EPA	515.4 Rev 1.0	Determination of Chlorinated Acids in Drinking Water by Liquid-Liquid Microextraction, Derivatization, and Fast Gas Chromatography with Electron Capture Detection	April 2000	EPA/815/B-00/001		http://www.epa.gov/safewater/methods/sourcalt.html

Contaminant	Method	Reference Title	Date	EPA Publication Number	Publication Order Number	Source of Method
Organization	Number					
2,4,5-TP (Silvex)		Accurate determination of the chlorinated esters requires hydrolysis of the sample as described in EPA Methods 515.1, 515.2, 515.3, 515.4, and 555 and ASTM Methods D5317-93 and D5317-98 (Reapproved 2003).				
EPA	555 Rev 1.0	In Methods for the Determination of Organic Compounds in Drinking Water Supplement II	August 1992	EPA/600/R-92/129	PB92-207703	http://www.nemi.gov
2,4-D (as acid, salts and esters)		Accurate determination of the chlorinated esters requires hydrolysis of the sample as described in EPA Methods 515.1, 515.2, 515.3, 515.4, and 555 and ASTM Methods D5317-93 and D5317-98 (Reapproved 2003).				
ASTM International	D5317-93	Annual Book of ASTM Standards, Vol. 11.02				ASTM International (ASTM)
ASTM International	D5317-98 (Reapproved 2003)	Annual Book of ASTM Standards, Vol. 11.02				http://www.astm.org
EPA	515.1 Rev 4.0	In Methods for the Determination of Organic Compounds in Drinking Water	December 1988, Revised July 1991	EPA/600/4-88-039	PB91-231480	National Technical Information Service (NTIS)
EPA	515.2 Rev 1.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
EPA	515.3 Rev 1.0	In Methods for the Determination of Organic and Inorganic Compounds in Drinking Water, Volume 1	August 2000	EPA 815-R-00-014	PB2000-106981	http://www.epa.gov/safewater/methods/sourcalt.html
EPA	515.4 Rev 1.0	Determination of Chlorinated Acids in Drinking Water by Liquid-Liquid Microextraction, Derivatization, and Fast Gas Chromatography with Electron Capture Detection	April 2000	EPA/815/B-00/001		http://www.epa.gov/safewater/methods/sourcalt.html
EPA	555 Rev 1.0	In Methods for the Determination of Organic Compounds in Drinking Water Supplement II	August 1992	EPA/600/R-92/129	PB92-207703	http://www.nemi.gov

Contaminant	Method	Reference Title	Date	EPA Publication Number	Publication Order Number	Source of Method
Organization	Number					
Alachlor						
EPA	505 Rev 2.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III Substitution of the detector specified in Method 505, 507, or 508.1 for the purpose of achieving lower detection limits is allowed as follows. Either an electron capture or nitrogen phosphorous detector may be used provided all regulatory requirements and quality control criteria are met.	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
EPA	507 Rev 2.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III Substitution of the detector specified in Method 505, 507, or 508.1 for the purpose of achieving lower detection limits is allowed as follows. Either an electron capture or nitrogen phosphorous detector may be used provided all regulatory requirements and quality control criteria are met.	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
EPA	508.1 Rev 2.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III Substitution of the detector specified in Method 505, 507, or 508.1 for the purpose of achieving lower detection limits is allowed as follows. Either an electron capture or nitrogen phosphorous detector may be used provided all regulatory requirements and quality control criteria are met.	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
EPA	525.2 Rev 2.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
EPA	551.1 Rev 1.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
Atrazine						
EPA	505 Rev 2.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III Substitution of the detector specified in Method 505, 507, or 508.1 for the purpose of achieving lower detection limits is allowed as follows. Either an electron capture or nitrogen phosphorous detector may be used provided all regulatory requirements and quality control criteria are met.	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
EPA	507 Rev 2.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III Substitution of the detector specified in Method 505, 507, or 508.1 for the purpose of achieving lower detection limits is allowed as follows. Either an electron capture or nitrogen phosphorous detector may be used provided all regulatory requirements and quality control criteria are met.	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov

Contaminant	Method Organization	Method Number	Reference Title	Date	EPA Publication Number	Publication Order Number	Source of Method
Atrazine							
EPA		508.1 Rev 2.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III Substitution of the detector specified in Method 505, 507, or 508.1 for the purpose of achieving lower detection limits is allowed as follows. Either an electron capture or nitrogen phosphorous detector may be used provided all regulatory requirements and quality control criteria are met.	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
EPA		525.2 Rev 2.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
EPA		551.1 Rev 1.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
Syngenta Crop Protection, Inc.	Syngenta AG-625		Atrazine in Drinking Water by Immunoassay This method may not be used for the analysis of atrazine in any system where chlorine dioxide is used for drinking water treatment. In samples from all other systems, any result for atrazine generated by Method AG-625 that is greater than one-half the maximum contaminant level (MCL) (in other words, greater than 0.0015mg/L or 1.5 µg/L) must be confirmed using another approved method for this contaminant and should use additional volume of the original sample collected for compliance monitoring. In instances where a result from Method AG-625 triggers such confirmatory testing, the confirmatory result is to be used to determine compliance.	February 2001			Syngenta Crop Protection, Inc.
Benzene							
EPA		502.2 Rev 2.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
EPA		524.2 Rev 4.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
Benzo(a)pyrene							
EPA		525.2 Rev 2.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
EPA		550	In Methods for the Determination of Organic Compounds in Drinking Water Supplement I	July 1990	EPA/600/4-90/020	PB91-146027	http://www.nemi.gov

Contaminant	Method Organization	Method Number	Reference Title	Date	EPA Publication Number	Publication Order Number	Source of Method
Benzo(a)pyrene							
	EPA	550.1	In Methods for the Determination of Organic Compounds in Drinking Water Supplement I	July 1990	EPA/600/4-90/020	PB91-146027	http://www.nemi.gov
Carbofuran							
	EPA	531.1 Rev 3.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	531.2 Rev 1.0	Measurement of N-Methyl-carbamoyloximes and N-Methyl-carbamates in Water by Direct Aqueous Injection HPLC with Post Column Derivatization	September 2001	EPA 815/B/01/002		http://www.epa.gov/safewater/methods/sourcalt.html
	Standard Methods	6610 B	Standard Methods for the Examination of Water and Wastewater, 21st Edition	2005			Standard Methods
	Standard Methods Online	6610 B-04	Online version of Standard Methods for the Examination of Water and Wastewater. Approval year by Standard Methods Committee is designated by last 2 digits. This is the only online version that is approved.				http://www.standardmethods.org/
Carbon Tetrachloride							
	EPA	502.2 Rev 2.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	524.2 Rev 4.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	551.1 Rev 1.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov

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Chlordane							
	EPA	505 Rev 2.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	508 Rev 3.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	508.1 Rev 2.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	525.2 Rev 2.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
Chlorobenzene							
	EPA	502.2 Rev 2.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	524.2 Rev 4.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
cis-Dichloroethylene							
	EPA	502.2 Rev 2.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	524.2 Rev 4.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
Dalapon							
	EPA	515.1 Rev 4.0	In Methods for the Determination of Organic Compounds in Drinking Water	December 1988, Revised July 1991	EPA/600/4-88-039	PB91-231480	National Technical Information Service (NTIS)

Contaminant	Method Organization	Method Number	Reference Title	Date	EPA Publication Number	Publication Order Number	Source of Method
Dalapon							
	EPA	515.3 Rev 1.0	In Methods for the Determination of Organic and Inorganic Compounds in Drinking Water, Volume 1	August 2000	EPA 815-R-00-014	PB2000-106981	http://www.epa.gov/safewater/methods/sourcalt.html
	EPA	515.4 Rev 1.0	Determination of Chlorinated Acids in Drinking Water by Liquid-Liquid Microextraction, Derivatization, and Fast Gas Chromatography with Electron Capture Detection	April 2000	EPA/815/B-00/001		http://www.epa.gov/safewater/methods/sourcalt.html
	EPA	552.1 Rev 1.0	In Methods for the Determination of Organic Compounds in Drinking Water Supplement II	August 1992	EPA/600/R-92/129	PB92-207703	http://www.nemi.gov
	EPA	552.2 Rev 1.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	552.3 Rev 1.0	Determination of Haloacetic Acids and Dalapon in Drinking Water by Liquid-Liquid Microextraction, Derivatization, and Gas Chromatography with Electron Capture Detection	July 2003	EPA-815-B-03-002		http://www.epa.gov/safewater/methods/sourcalt.html
Di(2-ethylhexyl)adipate							
	EPA	506 Rev 1.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	525.2 Rev 2.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
Di(2-ethylhexyl)phthalate							
	EPA	506 Rev 1.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	525.2 Rev 2.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov

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Dibromochloropropane (DBCP)							
	EPA	504.1 Rev 1.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	551.1 Rev 1.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
Dichloromethane							
	EPA	502.2 Rev 2.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	524.2 Rev 4.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
Dinoseb Accurate determination of the chlorinated esters requires hydrolysis of the sample as described in EPA Methods 515.1, 515.2, 515.3, 515.4, and 555.							
	EPA	515.1 Rev 4.0	In Methods for the Determination of Organic Compounds in Drinking Water	December 1988, Revised July 1991	EPA/600/4-88-039	PB91-231480	National Technical Information Service (NTIS)
	EPA	515.2 Rev 1.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	515.3 Rev 1.0	In Methods for the Determination of Organic and Inorganic Compounds in Drinking Water, Volume 1	August 2000	EPA 815-R-00-014	PB2000-106981	http://www.epa.gov/safewater/methods/sourcalt.html
	EPA	515.4 Rev 1.0	Determination of Chlorinated Acids in Drinking Water by Liquid-Liquid Microextraction, Derivatization, and Fast Gas Chromatography with Electron Capture Detection	April 2000	EPA/815/B-00/001		http://www.epa.gov/safewater/methods/sourcalt.html
	EPA	555 Rev 1.0	In Methods for the Determination of Organic Compounds in Drinking Water Supplement II	August 1992	EPA/600/R-92/129	PB92-207703	http://www.nemi.gov

Contaminant	Method Organization	Method Number	Reference Title	Date	EPA Publication Number	Publication Order Number	Source of Method
Diquat							
	EPA	549.2 Rev 1.0	In Methods for the Determination of Organic and Inorganic Compounds in Drinking Water, Volume 1	August 2000	EPA 815-R-00-014	PB2000-106981	http://www.epa.gov/nerlcwww/ordmeth.htm
Endothall							
	EPA	548.1 Rev 1.0	In Methods for the Determination of Organic Compounds in Drinking Water Supplement II	August 1992	EPA/600/R-92/129	PB92-207703	http://www.nemi.gov
Endrin							
	EPA	505 Rev 2.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	508 Rev 3.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	508.1 Rev 2.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	525.2 Rev 2.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	551.1 Rev 1.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
Ethylbenzene							
	EPA	502.2 Rev 2.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	524.2 Rev 4.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov

Contaminant	Method Organization	Method Number	Reference Title	Date	EPA Publication Number	Publication Order Number	Source of Method
Ethylene dibromide (EDB)							
	EPA	504.1 Rev 1.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	551.1 Rev 1.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
Glyphosate							
	EPA	547	In Methods for the Determination of Organic Compounds in Drinking Water Supplement I	July 1990	EPA/600/4-90/020	PB91-146027	http://www.nemi.gov
	Standard Methods	6651	Standard Methods for the Examination of Water and Wastewater, 18th Edition	1992			Standard Methods
	Standard Methods	6651	Standard Methods for the Examination of Water and Wastewater, 19th Edition	1995			Standard Methods
	Standard Methods	6651	Standard Methods for the Examination of Water and Wastewater, 20th Edition	1998			Standard Methods
Heptachlor							
	EPA	505 Rev 2.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	508 Rev 3.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	508.1 Rev 2.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	525.2 Rev 2.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	551.1 Rev 1.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov

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Heptachlor Epoxide							
	EPA	505 Rev 2.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	508 Rev 3.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	508.1 Rev 2.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	525.2 Rev 2.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	551.1 Rev 1.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
Hexachlorobenzene							
	EPA	505 Rev 2.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	508 Rev 3.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	508.1 Rev 2.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	525.2 Rev 2.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	551.1 Rev 1.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov

Contaminant	Method Organization	Method Number	Reference Title	Date	EPA Publication Number	Publication Order Number	Source of Method
Hexachlorocyclopentadiene							
	EPA	505 Rev 2.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	508 Rev 3.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	508.1 Rev 2.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	525.2 Rev 2.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	551.1 Rev 1.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
Lindane							
	EPA	505 Rev 2.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	508 Rev 3.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	508.1 Rev 2.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	525.2 Rev 2.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	551.1 Rev 1.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov

Contaminant	Method Organization	Method Number	Reference Title	Date	EPA Publication Number	Publication Order Number	Source of Method
Methoxychlor							
	EPA	505 Rev 2.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	508 Rev 3.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	508.1 Rev 2.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	525.2 Rev 2.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	551.1 Rev 1.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
Oxamyl							
	EPA	531.1 Rev 3.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	531.2 Rev 1.0	Measurement of N-Methyl-carbamoyloximes and N-Methyl-carbamates in Water by Direct Aqueous Injection HPLC with Post Column Derivatization	September 2001	EPA 815/B/01/002		http://www.epa.gov/safewater/methods/sourcalt.html
	Standard Methods	6610 B	Standard Methods for the Examination of Water and Wastewater, 21st Edition	2005			Standard Methods
	Standard Methods Online	6610 B-04	Online version of Standard Methods for the Examination of Water and Wastewater. Approval year by Standard Methods Committee is designated by last 2 digits. This is the only online version that is approved.				http://www.standardmethods.org/

Contaminant	Method Organization	Method Number	Reference Title	Date	EPA Publication Number	Publication Order Number	Source of Method
PCBs (as Aroclors)			PCBs are qualitatively identified as Aroclors and measured for compliance purposes as decachlorobiphenyl. Users of Method 505 may have more difficulty in achieving the required detection limits than users of Methods 508.1, 525.2 or 508.				
EPA		505 Rev 2.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
EPA		508 Rev 3.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
EPA		508.1 Rev 2.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
EPA		525.2 Rev 2.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
PCBs (as decachlorobiphenyl)			PCBs are qualitatively identified as Aroclors and measured for compliance purposes as decachlorobiphenyl. Users of Method 505 may have more difficulty in achieving the required detection limits than users of Methods 508.1, 525.2 or 508.				
EPA		508A Rev 1.0	In Methods for the Determination of Organic Compounds in Drinking Water	December 1988, Revised July 1991	EPA/600/4-88-039	PB91-231480	http://www.nemi.gov
Pentachlorophenol							
ASTM International		D5317-93	Annual Book of ASTM Standards, Vol. 11.02				ASTM International (ASTM)
ASTM International		D5317-98 (Reapproved 2003)	Annual Book of ASTM Standards, Vol. 11.02				http://www.astm.org
EPA		515.1 Rev 4.0	In Methods for the Determination of Organic Compounds in Drinking Water	December 1988, Revised July 1991	EPA/600/4-88-039	PB91-231480	National Technical Information Service (NTIS)
EPA		515.2 Rev 1.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov

Contaminant	Method Organization	Method Number	Reference Title	Date	EPA Publication Number	Publication Order Number	Source of Method
Pentachlorophenol							
	EPA	515.3 Rev 1.0	In Methods for the Determination of Organic and Inorganic Compounds in Drinking Water, Volume 1	August 2000	EPA 815-R-00-014	PB2000-106981	http://www.epa.gov/safewater/methods/sourcalt.html
	EPA	515.4 Rev 1.0	Determination of Chlorinated Acids in Drinking Water by Liquid-Liquid Microextraction, Derivatization, and Fast Gas Chromatography with Electron Capture Detection	April 2000	EPA/815/B-00/001		http://www.epa.gov/safewater/methods/sourcalt.html
	EPA	525.2 Rev 2.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	555 Rev 1.0	In Methods for the Determination of Organic Compounds in Drinking Water Supplement II	August 1992	EPA/600/R-92/129	PB92-207703	http://www.nemi.gov
Picloram							
	Accurate determination of the chlorinated esters requires hydrolysis of the sample as described in EPA Methods 515.1, 515.2, 515.3, 515.4, and 555 and ASTM Methods D5317-93 and D5317-98 (Reapproved 2003).						
	ASTM International	D5317-93	Annual Book of ASTM Standards, Vol. 11.02				ASTM International (ASTM)
	ASTM International	D5317-98 (Reapproved 2003)	Annual Book of ASTM Standards, Vol. 11.02				http://www.astm.org
	EPA	515.1 Rev 4.0	In Methods for the Determination of Organic Compounds in Drinking Water	December 1988, Revised July 1991	EPA/600/4-88-039	PB91-231480	National Technical Information Service (NTIS)
	EPA	515.2 Rev 1.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	515.3 Rev 1.0	In Methods for the Determination of Organic and Inorganic Compounds in Drinking Water, Volume 1	August 2000	EPA 815-R-00-014	PB2000-106981	http://www.epa.gov/safewater/methods/sourcalt.html

Contaminant	Method	Reference Title	Date	EPA Publication Number	Publication Order Number	Source of Method
Organization	Number					
Picloram		Accurate determination of the chlorinated esters requires hydrolysis of the sample as described in EPA Methods 515.1, 515.2, 515.3, 515.4, and 555 and ASTM Methods D5317-93 and D5317-98 (Reapproved 2003).				
EPA	515.4 Rev 1.0	Determination of Chlorinated Acids in Drinking Water by Liquid-Liquid Microextraction, Derivatization, and Fast Gas Chromatography with Electron Capture Detection	April 2000	EPA/815/B-00/001		http://www.epa.gov/safewater/methods/sourcalt.html
EPA	555 Rev 1.0	In Methods for the Determination of Organic Compounds in Drinking Water Supplement II	August 1992	EPA/600/R-92/129	PB92-207703	http://www.nemi.gov
Simazine						
EPA	505 Rev 2.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III Substitution of the detector specified in Method 505, 507, or 508.1 for the purpose of achieving lower detection limits is allowed as follows. Either an electron capture or nitrogen phosphorous detector may be used provided all regulatory requirements and quality control criteria are met.	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
EPA	507 Rev 2.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III Substitution of the detector specified in Method 505, 507, or 508.1 for the purpose of achieving lower detection limits is allowed as follows. Either an electron capture or nitrogen phosphorous detector may be used provided all regulatory requirements and quality control criteria are met.	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
EPA	508.1 Rev 2.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III Substitution of the detector specified in Method 505, 507, or 508.1 for the purpose of achieving lower detection limits is allowed as follows. Either an electron capture or nitrogen phosphorous detector may be used provided all regulatory requirements and quality control criteria are met.	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
EPA	525.2 Rev 2.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
EPA	551.1 Rev 1.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov

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Styrene							
EPA		502.2 Rev 2.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
EPA		524.2 Rev 4.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
Tetrachloroethylene							
EPA		502.2 Rev 2.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
EPA		524.2 Rev 4.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
EPA		551.1 Rev 1.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
Toluene							
EPA		502.2 Rev 2.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
EPA		524.2 Rev 4.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
Toxaphene							
EPA		505 Rev 2.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
EPA		508 Rev 3.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov

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Toxaphene							
	EPA	508.1 Rev 2.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	525.2 Rev 2.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
trans-Dichloroethylene							
	EPA	502.2 Rev 2.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	524.2 Rev 4.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
Trichloroethylene							
	EPA	502.2 Rev 2.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	524.2 Rev 4.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	551.1 Rev 1.0	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
Vinyl chloride							
	EPA	502.2 Rev 2.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	524.2 Rev 4.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov

Contaminant	Method Organization	Method Number	Reference Title	Date	EPA Publication Number	Publication Order Number	Source of Method
Xylenes (total)							
	EPA	502.2 Rev 2.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov
	EPA	524.2 Rev 4.1	In Methods for the Determination of Organic Compounds in Drinking Water-Supplement III	August 1995	EPA/600/R-95-131	PB95-261616	http://www.nemi.gov

Contact information for methods that are not available on the Internet are summarized in the report titled "Sources of Approved Analytical Methods for National Drinking Water Regulations."