

**SDWA–List of Approved Microbiological Test Procedures and the Standard Methods Editions
Where They Can Be Found (as of 6/22/2013)**

Parameter and Units	Method	18th Edition	19th Edition	20th Edition	21st Edition	Standard Methods Online	22nd Edition
1. Coliform (Total)	9221 A, B, C	X	X	X	X	X-99	X-9221B
	9221 D				X		
	9222 A, B, C	X	X	X	X	X-97	
	9223	X	X	X	X	X-97	X-9223B
2 E. Coli.	9213 D	X	X	X			
	9221 B.1 /9221 F		X	X			X-9221F
	9222 B/9222 G		X	X			
	9222 D/9222 G			X			
	9222 G		X	X			
	9223	X	X	X	X	X-97	X
3. Coliform (Fecal)	9221 B				X		X
	9221 E	X	X	X	X	X-99	X
	9222 D	X	X	X	X	X-97	X
4. Heterotrophic bacteria	9215 B	X	X	X	X	X-00	X
5. Enterococci	9230 B			X		X-04	
	9230 C			X		X	

SDWA - List of Approved Inorganic Test Procedures and the Editions of Standard Methods Where They Can Be Found (as of 6/22/2013)

Parameter	Methodology	40 CFR 141 Approved Standard Method	18th Edition	19th Edition	20th Edition	21st Edition	Standard Methods Online	22nd Edition
1. Acidity, as CaCO ₃ , mg/L	Electrometric endpoint or phenolphthalein endpoint							
2. Alkalinity, as CaCO ₃ , mg/L	Electrometric or Colorimetric titration to pH 4.5, Manual	2320 B	X	X	X	X	X-97	X
	Automatic							
3. Aluminum—Total, mg/L	Digestion followed by any of the following:							
	AA direct aspiration	3111 D	X	X		X		X
	AA furnace	3113 B	X	X		X	X-04	X
	STGFAA							
	ICP/AES	3120 B	X	X	X	X		X
	ICP/MS							
	Direct Current Plasma (DCP)							
4. Ammonia (as N), mg/L	Colorimetric (Eriochrome cyanine R)							
	Manual distillation or gas diffusion (pH > 11) followed by any of the following:							
	Nesslerization							
	Titration							
	Electrode							
	Manual phenate, salicylate, or other substituted phenols in Berthelot reaction based methods							
	Automated phenate, salicylate, or other substituted phenols in Berthelot reaction based methods							
	Automated electrode							
Ion Chromatography								

5. Antimony—Total, mg/L	Digestion followed by any of the following:							
	AA direct aspiration							
	AA furnace	3113 B	X	X		X	X-04	X
	STGFAA							
	ICP/AES							
	ICP/MS							
6. Arsenic—Total, mg/L	Digestion followed by any of the following:							
	AA gaseous hydride	3114 B	X	X		X	X-09	X
	AA furnace	3113 B	X	X		X	X-04	X
	STGFAA							
	ICP/AES							
	ICP/MS							
7. Barium—Total, mg/L	Digestion followed by any of the following:							
	AA direct aspiration	3111 D	X	X		X	X-99	X
	AA furnace	3113 B	X	X		X	X-04	X
	ICP/AES	3120 B	X	X	X	X	X-99	X
	ICP/MS							
	DCP							
8. Beryllium—Total, mg/L	Digestion followed by any of the following:							
	AA direct aspiration							
	AA furnace	3113 B	X	X		X	X-04	X
	STGFAA							
	ICP/AES	3120 B	X	X	X	X	X-99	X
	ICP/MS							
	DCP							
9. Biochemical oxygen demand (BOD5), mg/L	Dissolved Oxygen Depletion							
	Colorimetric (curcumin)							
10. Boron—Total, mg/L	ICP/AES							
	ICP/MS							
	DCP							
	Electrode							

11. Bromide, mg/L	Ion Chromatography							
	CIE/UV							
12. Cadmium—Total, mg/L	Digestion followed by any of the following:							
	AA direct aspiration							
	AA furnace	3113 B	X	X		X	X-04	X
	STGFAA							
	ICP/AES							
	ICP/MS							
	DCP							
	Voltametry							
	Colorimetric (Dithizone)							
13. Calcium—Total, mg/L	Digestion followed by any of the following:							
	AA direct aspiration	3111 B	X	X		X	X-99	X
	ICP/AES	3120 B	X	X	X	X	X-99	X
	ICP/MS							
	DCP							
	Titrimetric (EDTA)	3500—Ca-B			X	X	X-97	X
	Titrimetric (EDTA)	3500—Ca D	X	X				
14. Carbonaceous biochemical oxygen demand (CBOD5), mg/L	Ion Chromatography							
	Dissolved Oxygen Depletion with nitrification inhibitor							
15. Chemical oxygen demand (COD), mg/L	Titrimetric							
	Spectrophotometric, manual or automatic							
16. Chloride, mg/L	Titrimetric: (silver nitrate)	4500—Cl ⁻ B	X	X	X	X		X
	(Mercuric nitrate)							
	Colorimetric: manual							
	Automated (Ferricyanide)							
	Potentiometric Titration	4500—Cl ⁻ D	X	X	X	X		X
	Ion Selective Electrode							
	Ion Chromatography	4110 B	X	X	X	X		X
CIE/UV								

17. Chlorine—Total residual, mg/L	Amperometric direct	4500-Cl D	X	X	X	X		X
	Amperometric direct (low level)	4500-Cl E	X	X	X	X	X-00	X
	Iodometric direct							
	Back titration ether end-point							
	DPD-FAS	4500-Cl F	X	X	X	X	X-00	X
	Spectrophotometric, DPD	4500-Cl G	X	X	X	X	X-00	X
	Electrode							
17 A. Chlorine—Free Available, mg/L	Iodimetric Electrode	4500-Cl I	X	X	X	X	X-00	X
	Amperometric direct	4500-Cl D	X	X	X	X	X-00	X
	Amperometric direct (low level)							
	DPD-FAS	4500-Cl F	X	X	X	X	X-00	X
	Spectrophotometric, DPD	4500-Cl G	X	X	X	X	X-00	X
	Syringaldazine (FACTS)	4500-Cl H	X	X	X	X	X-00	X
17 B. Chlorine—Combined mg/L	Iodimetric Electrode	4500-Cl I	X	X	X	X	X-00	
	Amperometric direct	4500-Cl D	X	X	X	X	X-00	X
	DPD-FAS	4500-Cl F	X	X	X			X
17 C. Chlorine Dioxide	Spectrophotometric, DPD	4500-Cl G	X	X	X			X
	Amperometric Titration	4500-ClO ₂ C	X	X	X	X	X-00	X
	DPD method*	4500-ClO ₂ D	X	X	X	X	X-00	
18. Chromium VI dissolved, mg/L	Amperometric Titration	4500-ClO ₂ E	X	X	X	X	X-00	X
	0.45-micron Filtration followed by any of the following:							
	AA chelation-extraction							
	Ion Chromatography							
19.	Colorimetric (Diphenyl-carbazide)							
	Digestion followed by any of the following:							
	AA direct aspiration							
	AA chelation-extraction							

Chromium—Total, mg/L	AA furnace	3113 B	X	X		X	X-04	X
	STGFAA							
	ICP/AES	3120 B	X	X	X	X	X-99	X
	ICP/MS							
	DCP,							
	Colorimetric (Diphenyl-carbazid e)							
20. Cobalt—Total, mg/L	Digestion followed by any of the following:							
	AA direct aspiration							
	AA furnace							
	STGFAA							
	ICP/AES							
	ICP/MS							
	DCP							
21. Color, platinum cobalt units or dominant wavelength, hue, luminance purity	Colorimetric (ADMI)							
	(Platinum cobalt)	2120 B	X	X	X	X		X
	Spectrophotometric							
21.5 Conductivity		2510 B				X		X
22. Copper—Total, mg/L	Digestion followed by any of the following:							
	AA direct aspiration	3111 B	X	X		X	X-99	X
	AA furnace	3113 B	X	X		X	X-04	X
	STGFAA							
	ICP/AES	3120 B	X	X	X	X	X-99	X
	ICP/MS							
	DCP							
	Colorimetric (Neocuproine)							
Colorimetric (Bathocuproine)								
	Automated UV digestion /distillation and Colorimetry							
	Segmented Flow Injection, In-Line Ultraviolet Digestion followed by gas diffusion amperometry							

23. Cyanide—Total, mg/L	Manual distillation with MgCl ₂ followed by any of the following:	4500-CN ⁻ C	X	X	X			
	Flow Injection , gas diffusion amperometry							
	Titrimetric							
	Spectrophotometric , manual	4500-CN ⁻ E	X	X	X	X	X-99	X
	Semi - Automated							
	Ion Chromatography							
	Ion Selective Electrode	4500-CN ⁻ F	X	X	X	X	X-99	X
24. Cyanide-Available, mg/L	Cyanide Amenable to Chlorination (CATC); Manual distillation with MgCl ₂ followed by Titrimetric or Spectrophotometric	4500-CN ⁻ G	X	X	X	X	X-99	X
	Flow injection and ligand exchange, followed by gas diffusion amperometry							
	Automated Distillation and Colorimetry (no UV digestion)							
24.A Cyanide-Free, mg/L	Flow Injection , followed by gas diffusion amperometry							
	Manual micro-diffusion and colorimetry							
25. Fluoride—Total, mg/L	Manual distillation followed by any of the following:	4500-F ⁻ B	X	X	X	X	X-97	X
	Electrode, manual	4500-F ⁻ C	X	X	X	X	X-97	X
	Electrode, automated							
	Colorimetric, (SPADNS)	4500-F ⁻ D	X	X	X	X	X-97	
	Automated complexone	4500-F ⁻ E-	X	X	X	X	X-97	X
	Ion Chromatography	4110 B	X	X	X	X	X-00	X
	CIE/UV							
	Digestion followed by any of the following:							

26. Gold—Total, mg/L	AA direct aspiration,							
	AA furnace,							
	ICP/MS							
	DCP							
26.5 HAA5	Disinfection By Products	6251 B				X		X
27. Hardness—Total, as CaCO ₃ , mg/L	Automated colorimetric,							
	Titrimetric (EDTA)							
	Ca plus Mg as their carbonates, by inductively coupled plasma or AA direct aspiration.							
28. Hydrogen ion (pH), pH units	Electrometric measurement	4500-H ⁺ B	X	X	X	X	X-00	X
	Automated electrode							
29. Iridium—Total, mg/L	Digestion followed by any of the following:							
	AA direct aspiration							
	AA furnace							
	ICP/MS							
30. Iron—Total, mg/L	Digestion followed by any of the following:							
	AA direct aspiration	3111 B	X	X		X	X-04	X
	AA furnace	3113 B	X	X		X		X
	STGFAA							
	ICP/AES	3120 B	X	X	X	X		X
	ICP/MS							
	DCP							
	Colorimetric (Phenanthroline)							
	Manual digestion and distillation or gas diffusion followed by any of the following::							
	Titration							
	Nesslerization							
	Electrode							
	Semi-automated phenate							

31. Kjeldahl Nitrogen —Total, (as N), mg/L	Manual phenate, salicylate, or other substituted phenols in Berthelot reaction based methods							
	Automated Methods for TKN that do not require manual distillation							
	Automated phenate, salicylate, or other substituted phenols in Berthelot reaction based methods colorimetric (auto digestion and distillation)							
	Semi-automated block digester colorimetric (distillation not required)							
	Block digester, followed by Auto distillation and Titration							
	Block digester, followed by Auto distillation and Nesslerization,							
	Block Digester, followed by Flow injection gas diffusion (distillation not required)							
32. Lead—Total, mg/L	Digestion followed by any of the following:							
	AA direct aspiration							
	AA furnace	3113 B	X	X		X	X-99, 04	X
	STGFAA							
	ICP/AES							
	ICP/MS							
	DCP							
	Voltametry Colorimetric (Dithizone)							
33. Lead—Total, mg/L	Digestion followed by any of the following:							
	AA direct aspiration							
	AA furnace	3113 B	X	X		X	X-99	X

33. Magnesium—Total, mg/L	ICP/AES	3120 B	X	X	X	X	X-99	X
	ICP/MS							
	DCP							
	Gravimetric							
	Mg Calculation	3500-Mg B	A	A	X	X	X-97	X
	Mg Calculation	3500-Mg E	X	X				
	Ion Chromatography							
34. Manganese—Total, mg/L	Digestion followed by any of the following:							
	AA direct aspiration	3111 B	X	X		X	X-04	X
	AA furnace	3113 B	X	X		X		X
	STGFAA							
	ICP/AES	3120 B	X	X	X	X		X
	ICP/MS	3125 B						
	DCP							
	Colorimetric (Persulfate)							
35. Mercury—Total, mg/L	Colorimetric (Periodate)							
	Cold vapor, Manual	3112 B	X	X		X	X-09	X
	Cold vapor, Automated							
	Cold vapor atomic fluorescence spectrometry (CVAFS)							
36. Molybdenum —Total , mg/L	Purge and Trap CVAFS							
	Digestion followed by any of the following:							
	AA direct aspiration							
	AA furnace							
	ICP/AES							
	ICP/MS							
37. Nickel—Total, mg/L	DCP							
	Digestion followed by any of the following:							
	AA direct aspiration	3111 B	X	X		X	X-99	X
	AA furnace	3113 B	X	X		X	X-99, 04	X
	STGFAA							
	ICP/AES	3120 B	X	X	X	X	X-99	X
	ICP/MS							
DCP								

38. Nitrate (as N), mg/L	Ion Chromatography	4110 B	X	X	X	X	X-00	X
	CIE/UV							
	Ion Selective Electrode	4500-NO ₃ ⁻ D	X	X	X	X	X-00	X
	Colorimetric (Brucine sulfate)							
	Nitrate-nitrite N minus Nitrite N							
39. Nitrate-nitrite (as N), mg/L	Cadmium reduction, Manual	4500-NO ₃ ⁻ E	X	X	X	X	X-00	X
	Cadmium reduction, Automated	4500-NO ₃ ⁻ F	X	X	X	X	X-00	X
	Automated hydrazine							
	Ion Chromatography							
	CIE/UV							
40. Nitrite (as N), mg/L	Spectrophotometric : Manual	4500-NO ₂ ⁻ B	X	X	X	X	X-00	X
	Automated (Diazotization)							
	Automated (*bypass cadmium reduction)	4500-NO ₃ ⁻ F	X	X	X	X	X-00	X
	Manual (*bypass cadmium reduction)	4500-NO ₃ ⁻ E	X	X	X	X	X-00	X
	Ion Chromatography	4110 B	X	X	X	X	X-00	X
	CIE/UV							
40.5 Odor	Threshold Odor Test	2150 B				X		X
41. Oil and grease—Total recoverable, mg/L	Hexane extractable material (HEM): n-Hexane extraction and gravimetry							
	Silica gel treated HEM (SGT-HEM): Silica gel treatment and gravimetry.							
42. Organic carbon—Total (TOC), mg/L	Combustion	5310 B				X		X
	Heated persulfate or UV persulfate oxidation	5310 C				X		X
		5310 D				X		X
42A. Organic	Combustion	5310 B				X		X

carbon—Dissolved (DOC), mg/L	Heated persulfate or UV persulfate oxidation	5310 C					X		X
		5310 D					X		X
43. Organic nitrogen (as N), mg/L	Total Kjeldahl N minus ammonia N								
44. Orthophosphate (as P), mg/L	Ascorbic acid method:								
	Automated	4500-P F	X	X	X	X	X-99	X	X
	Manual single reagent	4500-P E	X	X	X	X	X-99	X	X
	Manual two reagent								
	Ion Chromatography CIE/UV	4110 B	X	X	X	X	X-00	X	X
45. Osmium—Total, mg/L	Digestion followed by any of the following:								
	AA direct aspiration,								
	AA furnace								
46. Oxygen, dissolved, mg/L	Winkler (Azide modification)								
	Electrode								
46 A. Ozone	Indigo	4500-O ₃ B	X	X	X	X	X-97	X	X
47. Palladium—Total, mg/L	Digestion followed by any of the following:								
	AA direct aspiration								
	AA furnace								
	ICP/MS								
	DCP								
48. Phenols, mg/L	Manual distillation ⁽¹⁾ Followed by any of the following:								
	Colorimetric (4AAP) manual,								
	Automated colorimetric (4AAP)								
49. Phosphorus (elemental), mg/L	Gas-liquid chromatography								
	Persulfate digestion followed by any of the following:								
	Manual								

50. Phosphorus—Total, mg/L	Automated ascorbic acid reduction							
	ICP/AES ,							
	Semi-automated block digester (TKP digestion)							
51. Platinum—Total, mg/L	Digestion followed by any of the following:							
	AA direct aspiration							
	AA furnace							
	ICP/MS							
	DCP							
52. Potassium—Total, mg/L	Digestion followed by any of the following:							
	AA direct aspiration							
	ICP/AES							
	ICP/MS							
	Flame photometric							
	Electrode							
	Ion Chromatography							
53. Residue—Total, mg/L	Gravimetric, 103–105°							
54. Residue—filterable, mg/L	Gravimetric, 180°	2540 C	X	X	X	X		X
55. Residue—non-filter- able (TSS), mg/L	Gravimetric, 103–105 °C post washing of residue							
56. Residue—settleable, mg/L	Volumetric, (Imhoff cone), or gravimetric							
57. Residue—Volatile, mg/L	Gravimetric, 550 °C							
58. Rhodium—Total, mg/L	Digestion followed by any of the following:							
	AA direct aspiration, or							
	AA furnace							
	ICP/MS							
59.	Digestion followed by any of the following:							

Ruthenium—Total, mg/L	AA direct aspiration, or								
	AA furnace								
	ICP/MS								
60. Selenium—Total, mg/L	Digestion followed by any of the following:								
	AA furnace	3113 B	X	X		X	X-99, 04	X	
	STGFAA								
	ICP/AES								
	ICP/MS								
61. Silica—Dissolved, mg/L	AA gaseous hydride	3114 B	X	X		X	X-97, 09	X	
	0.45 micron filtration followed by any of the following:								
	Colorimetric, Manual								
	Molybdosilicate	4500—Si D	X	X		X		X	
	Heteropoly Blue Method	4500—Si E	X	X		X		X	
	Automated (Molybdosilicate)	4500—Si F	X	X					
	Molybdosilicate	4500—SiO ₂ C				X	X	X-97	X
	Automated (Molybdosilicate)	4500—SiO ₂ D				X	X	X-97	X
	Heteropoly Blue Method	4500—SiO ₂ E				X	X	X-97	X
	ICP/AES	3120	X	X	X	X	X-99		
ICP/MS									
62. Silver—Total, mg/L	Digestion followed by any of the following:								
	AA direct aspiration	3111 B	X	X		X		X	
	AA furnace	3113 B	X	X		X	X- 04	X	
	STGFAA								
	ICP/AES	3120 B	X	X	X	X		X	
	ICP/MS								
63. Sodium—Total, mg/L	DCP								
	Digestion followed by any of the following:								
	AA direct aspiration	3111 B	X	X		X	X-99	X	
	ICP/AES								
	ICP/MS								
	DCP								
Flame photometric									

	Ion Chromatography							
64. Specific conductance, micromhos/cm at 25°C	Wheatstone bridge	2510 B	X	X	X	X	X-97	
65. Sulfate (as SO ₄), mg/L	Automated colorimetric	4500-SO ₄ ²⁻ F	X	X	X	X	X-97	X
	Gravimetric	4500-SO ₄ ²⁻ C or D	X	X	X	X	X-97	X
	Turbidimetric	4500-SO ₄ ²⁻ E	X	X	X	X	X-97	X
	Ion Chromatography CIE/UV	4110 B	X	X	X	X	X-97	X
66. Sulfide (as S), mg/L	Sample Pretreatment							
	Titrimetric (iodine)							
	Colorimetric (methylene blue)							
	Ion Selective Electrode							
67. Sulfite (as SO ₃), mg/L	Titrimetric (iodine-iodate)							
68. Surfactants, mg/L	Colorimetric (methylene blue)	5540 C	X	X	X	X		X
69. Temperature, °C	Thermometric	2550 B	X	X	X	X	X-00	X
70. Thallium—Total, mg/L	Digestion followed by any of the following:							
	AA direct aspiration							
	AA furnace	3113 B	X	X				
	STGFAA							
	ICP/AES							
	ICP/MS							
71. Tin—Total, mg/L	Digestion followed by any of the following:							
	AA direct aspiration							
	AA furnace							
	STGFAA							
	ICP/AES							
	ICP/MS							
72. Titanium—Total, mg/L	Digestion followed by any of the following:							
	AA direct aspiration							
	AA furnace							
	DCP							

	ICP/MS							
73. Turbidity, NTU	Nephelometric	2130 B	X	X	X	X	X-01	X
73.25	Ultraviolet Absorption at 254 nm	5910 B				X		X
73.5 Uranium	ICP/MS	3125				X		
74. Vanadium—Total, mg/L	Digestion followed by any of the following:							
	AA direct aspiration							
	AA furnace							
	ICP/AES							
	ICP/MS							
	DCP, Colorimetric (Gallic Acid)							
75. Zinc –Total, mg/L	Digestion followed by any of the following:							
	AA direct aspiration	3111 B	X	X		X		X
	AA furnace							
	ICP/AES	3120 B	X	X	X	X		X
	ICP/MS							
	DCP,							
	Colorimetric (Dithizone) (Zincon)							
* 4500-CIO ₂ is not approved for compliance with 141.131(c) as other methods are superior								

**SDWA List of Approved Pesticide Test Procedures and the Standard Methods Editions
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Parameter	Method	Standard Methods Method	20th Edition	21st Edition	Standard Methods Online	22nd Edition
1. Acenaphthene	GC					
	GC/MS					
	HPLC					
2. Acenaphthylene	GC					
	GC/MS					
	HPLC					
3. Acrolein	GC					
	GC/MS					
4. Acrylonitrile	GC					
	GC/MS					
5. Anthracene	GC					
	GC/MS					
	HPLC					
6. Benzene	GC					
	GC/MS					
7. Benzidine						
	GC/MS					
8. Benzo(a)anthracene	HPLC					
	GC					
	GC/MS					
9. Benzo(a)pyrene	HPLC					
	GC/MS					
	GC					
10. Benzo(b)fluor-anthene	HPLC					
	GC/MS					
	GC					
11. Benzo(g,h,i) perylene	HPLC					
	GC/MS					
	GC					
12. Benzo(k) fluoranthene	HPLC					
	GC/MS					
	GC					
13. Benzyl chloride	GC/MS					
	GC					
14. Benzyl butyl phthalate	GC					
	GC/MS					

15. Bis(2-chloroethoxy) methane	GC					
	GC/MS					
16. Bis(2-chloroethyl) ether	GC					
	GC/MS					
17. Bis(2-ethylhexyl) phthalate	GC					
	GC/MS					
18. Bromodichloromethane	GC					
	GC/MS					
19. Bromoform	GC					
	GC/MS					
20. Bromomethane	GC					
	GC/MS					
21. 4-Bromophenyl phenyl ether	GC					
	GC/MS					
22. Carbon tetrachloride	GC					
	GC/MS					
23. 4-Chloro-3-methyl phenol	GC					
	GC/MS					
24. Chlorobenzene	GC					
	GC/MS					
25. Chloroethane	GC					
	GC/MS					
26. 2-Chloroethylvinyl ether	GC					
	GC/MS					
27. Chloroform	GC					
	GC/MS					
28. Chloromethane	GC					
	GC/MS					
29. 2-Chloronaphthalene	GC					
	GC/MS					
30. 2-Chlorophenol	GC					
	GC/MS					
31. 4-Chlorophenyl phenyl ether	GC					

	GC/MS					
32. Chrysene	GC					
	GC/MS					
	HPLC					
33. Dibenzo(a,h)anthracene	GC					
	GC/MS					
	HPLC					
34. Dibromochloromethane	GC					
	GC/MS					
35. 1,2-Dichlorobenzene	GC					
	GC/MS					
36. 1,3-Dichlorobenzene	GC					
	GC/MS					
37. 1,4-Dichlorobenzene	GC					
	GC/MS					
38. 3,3-Dichlorobenzidine	GC/MS					
	HPLC					
39. Dichlorodifluoromethane	GC					
	GC/MS (2)					
40. 1,1-Dichloroethane	GC					
	GC/MS					
41. 1,2-Dichloroethane	GC					
	GC/MS					
42. 1,1-Dichloroethene	GC					
	GC/MS					
43. trans-1,2-Dichloroethene	GC					
	GC/MS					
44. 2,4-Dichlorophenol	GC					
	GC/MS					
45. 1,2-Dichloropropane	GC					
	GC/MS					
46. cis-1,3-Dichloropropene	GC					
	GC/MS					
47. trans-1,3-Dichloropropene	GC					
	GC/MS					

48. Diethyl phthalate	GC					
	GC/MS					
49. 2,4-Dimethylphenol	GC					
	GC/MS					
50. Dimethyl phthalate	GC					
	GC/MS					
51. Di-n-butyl phthalate	GC					
	GC/MS					
52. Di-n-octyl phthalate	GC					
	GC/MS					
53. 2,3-Dinitrophenol	GC					
	GC/MS					
54. 2,4-Dinitrotoluene	GC					
	GC/MS					
55. 2,6-Dinitrotoluene	GC					
	GC/MS					
56. Epichlorohydrin	GC					
	GC/MS					
57. Ethylbenzene	GC					
	GC/MS					
58. Fluoranthene	GC					
	GC/MS					
	HPLC					
59. Fluorene	GC					
	GC/MS					
	HPLC					
60. 1,2,3,4,6,7,8- Heptachloro-dibenzofuran	GC/MS					
61. 1,2,3,4,7,8,9-Heptachloro-dibenzofuran	GC/MS					
62. 1,2,3,4,6,7,8-Heptachlorodibenzo- <i>p</i> -dioxin	GC/MS					
63. Hexachlorobenzene	GC					
	GC/MS					
64. Hexachloro-butadiene	GC					
	GC/MS					
65. Hexachlorocyclopentadiene	GC					
	GC/MS					
66. 1,2,3,4,7,8-Hexachlorodibenzofuran	GC/MS					

67. 1,2,3,6,7,8-Hexachlorodibenzofuran	GC/MS					
68. 1,2,3,7,8,9-Hexachlorodibenzofuran	GC/MS					
69. 2,3,4,6,7,8-Hexachlorodibenzofuran	GC/MS					
70. 1,2,3,4,7,8-Hexachlorodibenzo- <i>p</i> -dioxin	GC/MS					
71. 1,2,3,6,7,8-Hexachlorodibenzo- <i>p</i> -dioxin	GC/MS					
72. 1,2,3,7,8,9-Hexachlorodibenzo- <i>p</i> -dioxin	GC/MS					
73. Hexachloroethane	GC					
	GC/MS					
74. Ideno(1,2,3-cd) pyrene	GC					
	GC/MS					
	HPLC					
75. Isophorone	GC					
	GC/MS					
76. Methylene chloride	GC					
	GC/MS					
77. 2-Methyl-4,6-dinitrophenol	GC					
	GC/MS					
78. Naphthalene	GC					
	GC/MS					
	HPLC					
79. Nitrobenzene	GC					
	GC/MS					
	HPLC					
80. 2-Nitrophenol	GC					
	GC/MS					
81. 4-Nitrophenol	GC					
	GC/MS					
82. N-Nitroso-dimethylamine	GC					
	GC/MS					
83. N-Nitrosodi-n-propylamine	GC					
	GC/MS					
84. N-Nitroso-diphenylamine	GC					

	GC/MS					
85. Octachloro-dibenzofuran	GC/MS					
86. Octachlorodibenzo- <i>p</i> -dioxin	GC/MS					
87. 2,2'-Oxybis(2-chloropropane) [also known as bis(2-chloroisopropyl) ether]	GC					
	GC/MS					
88. PCB-1016	GC					
	GC/MS					
89. PCB-1221	GC					
	GC/MS					
90. PCB-1232	GC					
	GC/MS					
91. PCB-1242	GC					
	GC/MS					
92. PCB-1248	GC					
	GC/MS					
93. PCB-1254	GC					
	GC/MS					
94. PCB-1260	GC					
	GC/MS					
95. 1,2,3,7,8- Pentachloro-dibenzofuran	GC/MS					
96. 2,3,4,7,8- Pentachloro-dibenzofuran	GC/MS					
97. 1,2,3,7,8,- Pentachlorodibenzo- <i>p</i> -dioxin	GC/MS					
98. Pentachlorophenol	GC	6640 B		X	X-01	X
	GC/MS					
99. Phenanthrene	GC					
	GC/MS					
	HPLC					
100. Phenol	GC					
	GC/MS					
101. Pyrene	GC					
	GC/MS					
	HPLC					
102. 2,3,7,8- Tetra-chlorodibenzofuran	GC/MS					
103. 2,3,7,8- Tetra-chlorodibenzo- <i>p</i> -dioxin	GC/MS					

104. 1,1,2,2-Tetra-chloro ethane	GC					
	GC/MS					
105. Tetrachloroethene	GC					
	GC/MS					
106. Toluene	GC					
	GC/MS					
107. 1,2,4-Trichloro-benzene	GC					
	GC/MS					
108. 1,1,1-Trichloro-ethane	GC					
	GC/MS					
109. 1,1,2-Trichloro-ethane	GC					
	GC/MS					
110. Trichloroethene	GC					
	GC/MS					
111. Trichlorofluoromethane	GC					
	GC/MS					
112. 2,4,6-Trichlorophenol	GC					
	GC/MS					
113. Vinyl chloride	GC					
	GC/MS					

SDWA –List of Approved Pesticide Test Procedures and the Editions of Standard Methods Where They Can Be Found (ss of 6/22/2013)

Parameter	Method	Standard Methods Method	18th Edition	19th Edition	20th Edition	21st Edition	Standard Methods Online	22nd Edition
1. Aldrin	GC							
	GC/MS							
2. Ametryn	GC							
	GC/MS							
3. Aminocarb	TLC							
	HPLC							
4. Atraton	GC							
5. Atrazine	GC							
	HPLC/MS							
	GC/MS							
6. Azinphos methyl	GC							
	GC MS							
7. Barban	TLC							
	HPLC							
8. α -BHC	GC							
	GC/MS							
9. β -BHC	GC							
	GC/MS							
10. δ -BHC	GC							
	GC/MS							
11. γ -BHC (Lindane)	GC							
	GC/MS							
12. Captan	GC							
13. Carbaryl	TLC							
	HPLC							
	HPLC/MS							
	GC/MS							
14. Carbophenothion	GC							
14.5 Carbofuran	HPLC	6610 B				X	X-04	X
15. Chlordane	GC							
	GC/MS							
16. Chloroprotham	TLC							
	HPLC							
17. 2,4-D	GC	6640 B-01				X	X-01	X
	HPLC/MS							
18. 4,4'-DDD	GC							
	GC/MS							
19. 4,4'-DDE	GC							
	GC/MS							
20. 4,4'-DDT	GC							
	GC/MS							

20.5 Dalapon	GC	6640 B				X	X-01	X
21. Demeton-O	GC							
22. Demeton-S	GC							
23. Diazinon	GC							
	GC/MS							
24. Dicamba	GC							
	HPLC/MS							
25. Dichlofenthion	GC							
26. Dichloran	GC							
27. Dicofol	GC							
28. Dieldrin	GC							
	GC/MS							
28.5 Dinoseb	GC	6640 B				X	X-01	X
29. Dioxathion	GC							
30. Disulfoton	GC							
	GC/MS							
31. Diuron	TLC							
	HPLC							
	HPLC/MS							
32. Endosulfan I	GC							
	GC/MS							
33. Endosulfan II	GC							
	GC/MS							
34. Endosulfan Sulfate	GC							
	GC/MS							
35. Endrin	GC							
	GC/MS							
36. Endrin aldehyde	GC							
	GC/MS							
37. Ethion	GC							
	GC/MS							
38. Fenuron	TLC							
	HPLC							
	HPLC/MS							
39. Fenuron- TCA	TLC							
	HPLC							
39.5 Glyphosate	HPLC	6651 B				X	X-00	X
40. Heptachlor	GC							
	GC/MS							
41. Heptachlor epoxide	GC							
	GC/MS							
42. Isodrin	GC							
43. Linuron	GC							
	HPLC							

	HPLC/MS						
	GC/MS						
44. Malathion	GC						
	GC/MS						
45. Methiocarb	TLC						
	HPLC						
	HPLC/MS						
46. Methoxychlor	GC						
	GC/MS						
47. Mexacarbate	TLC						
	HPLC						
48. Mirex	GC						
49. Monuron	TLC						
	HPLC						
50. Monuron-TCA	TLC						
	HPLC						
51. Neburon	TLC						
	HPLC						
	HPLC/MS						
51.5 Oxamyl	HPLC	6610 B			X	X-05	X
52. Parathion methyl	GC						
	GC/MS						
53. Parathion ethyl	GC						
	GC/MS						
54. PCNB	GC						
55. Perthane	GC						
55.5 Picloram	GC	6640 B			X	X-01	X
56. Prometon	GC						
	GC/MS						
57. Prometryn	GC						
	GC/MS						
58. Propazine	GC						
	GC/MS						
59. Propham	TLC						
	HPLC						
	HPLC/MS						
60. Propoxur	TLC						
	HPLC						
61. Sec-bumeton	TLC						
	GC						
62. Siduron	TLC						
	HPLC						
	HPLC/MS						
63. Simazine	GC						
	GC/MS						

64. Strobane	GC							
65. Swep	TLC							
	HPLC							
66. 2,4,5-T	GC							
67. 2,4,5-TP (Silvex)	GC	6640 B				X	X-01	X
68. Terbutylazine	GC							
	GC/MS							
69. Toxaphene	GC							
	GC/MS							
70. Trifluralin	GC							
	GC/MS							

SDWA - List of Approved Radiochemical Test Procedures and the Editions of Standard Methods Where They Can Be Found
(as of 6/22/2013)

Parameter and Units	Method	13th Edition	17th Edition	18th Edition	19th Edition	20th Edition	21st Edition	Standard Methods Online	22nd Edition
1. Gross Alpha and Beta	302 or 7110 B Evaporation	X	X	X	X	X	X	X-00	X
2. Gross Alpha	7110 C Proportional or scintillation counter			X	X	X	X	X-00	X
3. Gamma Emitters	7120 Gamma Ray Spectroscopy				X	X	X	X-97	X
	7500-Cs B Radiochemical		X	X	X	X	X	X-00	X
	7500-I B Radiochemical		X	X	X	X	X	X-00	X
4. Ra-226	304, 305 or 7500-Ra B or C Radon Emanation or Radiochemical	X	X	X	X	X	X	X-01	X
5. Ra-228	7500-Ra D Radiochemical		X	X	X	X	X	X-01	X
6. Cs	7500-Cs B Radiochemical		X	X	X	X	X	X-00	X
7. Cs	7120 Gamma Ray Spectroscopy			X	X	X	X	X-00	X
8. I	7500-I B, C, D Radiochemical		X	X	X	X	X	X-00	X
9. I	7120 Gamma Ray Spectroscopy				X	X	X	X-97	X
10. Sr 89 and 90	303 or 7500-Sr B Radiochemical	X	X	X	X	X	X	X-01	X
11. Tritium- ³ H	306 or 7500- ³ H B Scintillation counter	X	X	X	X	X	X	X-00	X
12. Uranium	7500-U B Radiochemical		X	X	X	X	X	X-00	X
13. Uranium	7500-U C Fluorometric		X						
14. Uranium	7500-U C Alpha Spectroscopy			X	X	X	X	X-00	X
15. Uranium	3125 ICP-MS					X	X		