Chapter NR 149

APPENDIX I

Analytical Technologies, Analytes, Analyte Groups, Classes, and Methods Available for Accreditation

TABLE 1A
List of analytes and analyte groups in aqueous and non-aqueous matrices by class and technology

Analytes are available in both the aqueous and non-aqueous matrices unless identified by footnote.

Oxygen Demand Assays cBOD or cBODd Technology

Class: General Chemistry

Biochemical Oxygen Demand cBODd[1]	Carbonaceous Biochemical Oxygen Demand ccBODd[1]	

Colorimetric or Turbidimetric Technology

Class: General Chemistry

Alkalinity[1]	Fluoride	Phosphorus, Total
Ammonia as N	Hardness, Total as $CaCO_3$[1]	Silica[1]
Chemical Oxygen Demand cCODd[1]	Kjeldahl Nitrogen, Total	Sulfate
Chloride	Nitrate	Sulfide
Chlorine, Total Residual cTRCd[1]	Nitrate + Nitrite	Surfactants[1]
Chlorophyll[1]	Nitrite	Turbidity[1]
Cyanide, Available	Orthophosphate	
Cyanide, Total	Phenolics, Total	

Class: Metals

Chromium, Hexavalent

Electrometric Assays ci.e. ion-selective electroded Technology

Class: General Chemistry

Ammonia as N	Fluoride	pH
Chloride	Kjeldahl Nitrogen, Total	Specific Conductance
Chlorine, Total Residual cTRCd[1]	Nitrate	Sulfide
Cyanide, Total	Oxygen, Dissolved[1]	

Gravimetric Assays] Residue csolidsd Technology

Class: General Chemistry

Residue, Filterable cTDSd[1]	Residue, Total	Residue, Volatile, Nonfilterable cTVSSd[1]
Residue, Nonfilterable cTSSd[1]	Residue, Volatile cTVSd	

Extraction{Gravimetric Assays] Oil & Grease as Hexane Extractable Materials cHEMd Technology

Class: General Chemistry

Oil & Grease as Hexane Extractable Material cHEMd[1]

Titrimetric or Potentiometric Titration Assays Technology

Class: General Chemistry

Acidity as $CaCO_3$[1]	Chloride	Kjeldahl Nitrogen, Total
Alkalinity[1]	Chlorine, Total Residual cTRCd[1]	Sulfide
Ammonia as N	Cyanide, Available	Sulfides, Acid-soluble and Acid-insoluble
Bromide	Cyanide, Total	Sulfite[1]
Chemical Oxygen Demand cCODd	Hardness, Total as $CaCO_3$[1]	Calcium
Percent Water by Karl Fischer Titration[2]		

Flow Injection - Gas Diffusion] Amperometry Technology

Class: General Chemistry

Cyanide, Available[1]	Cyanide, Total[1]

Nondispersive Infrared cNDIRd or Microcoulometry Technology

Class: General Chemistry

Organic Halides cTOX and AOXd
Organic Carbon, Total cTOCd

Ion Chromatography cICd Technology

Class: General Chemistry

Ammonia as N	Fluoride	Nitrite
Bromide	Nitrate	Orthophosphate
Chloride	Nitrate + Nitrite	Sulfate

Flame Atomic Absorption Spectrophotometry cFLAAd Technology

Class: General Chemistry

Hardness, Total as $CaCO_3$[1]

Class: Metals

Aluminum	Iridium	Potassium
Antimony	Iron	Rhodium
Barium	Lead	Ruthenium
Beryllium	Lithium	Silver
Bismuth	Magnesium	Sodium
Cadmium	Manganese	Strontium
Calcium	Molybdenum	Thallium
Chromium, Total	Nickel	Tin
Cobalt	Osmium	Titanium
Copper	Palladium	Vanadium
Gold	Platinum	Zinc

Flame Photometry Spectrophotometry cFPd Technology

Class: Metals

Calcium	Potassium	Sodium
Magnesium		

Gaseous Hydride Atomic Absorption Spectrophotometry Technology

Class: Metals

Antimony	Arsenic	Selenium

Graphite Furnace Atomic Absorption Spectrophotometry cGFAAd Technology

Class: Metals

Aluminum	Gold	Platinum
Antimony	Iridium	Rhodium
Arsenic	Iron	Ruthenium
Barium	Lead	Selenium
Beryllium	Lithium	Silver
Bismuth	Manganese	Thallium
Cadmium	Molybdenum	Tin
Chromium, Total	Nickel	Titanium
Cobalt	Osmium	Vanadium
Copper	Palladium	Zinc

Cold Vapor Atomic Absorption Spectrophotometry cCVAAd Technology

Class: Metals

Mercury	Mercury, Low Level

Cold Vapor Atomic Fluorescence Spectrophotometry cCVAFSd Technology

Class: Metals

Mercury	Mercury, Low Level

Thermal Decomposition Atomic Absorption Spectrophotometry cTDAAd Technology

Class: Metals

Mercury	Mercury, Low Level

Inductively Coupled Plasma Emission Spectrophotometry cICPd Technology

Class: General Chemistry

Hardness, Total as $CaCO_3$[1]	Phosphorus, Total[2]	Silica[1]

Class: Metals

Aluminum	Iridium	Ruthenium

Antimony	Iron	Selenium
Arsenic	Lead	Silicon
Barium	Lithium	Silver
Beryllium	Magnesium	Sodium
Bismuth	Manganese	Strontium
Boron	Molybdenum	Thallium
Cadmium	Nickel	Tin
Calcium	Osmium	Titanium
Chromium, Total	Palladium	Tungsten
Cobalt	Platinum	Vanadium
Copper	Potassium	Zinc
Gold	Rhodium	Zirconium

Inductively Coupled Plasma - Mass Spectrometry cICP{MSd Technology

Class: Metals

Aluminum	Iron	Selenium
Antimony	Lead	Silicon
Arsenic	Lithium	Silver
Barium	Magnesium	Sodium
Beryllium	Manganese	Strontium
Bismuth	Mercury	Thallium
Boron	Molybdenum	Tin
Cadmium	Nickel	Titanium
Calcium	Osmium	Tungsten
Chromium, Total	Palladium	Vanadium
Cobalt	Platinum	Zinc
Copper	Potassium	Zirconium
Gold	Rhodium	
Iridium	Ruthenium	

Gas Chromatography cGCd Technology

Class: BNA - Phenols

2,3,4,6-Tetrachlorophenol	3,4,5-Trichlorocatechol	4-Chloroguaiacol
2,3,5,6-Tetrachlorophenol	3,4,5-Trichloroguaiacol	4-Chlorophenol
2,4,5-Trichlorophenol	3,4,6-Trichlorocatechol	4-Methylphenol cp-Cresold
2,4,6-Trichlorophenol	3,4,6-Trichloroguaiacol	4-Nitrophenol
2,4-Dichlorophenol	3,4-Dichlorocatechol	5,6-Dichlorovanillin
2,4-Dimethylphenol	3,4-Dichloroguaiacol	5-Chlorovanillin
2,4-Dinitrophenol	3,6-Dichlorocatechol	6-Chlorovanillin
2,6-Dichlorophenol	3-Methylphenol cm-Cresold	Dinoseb c2-sec-butyl-4,6-Dinitrophenold
2,6-Dichlorosyringaldehyde	4,5,6-Trichloroguaiacol	Pentachlorophenol
2-Chlorophenol	4,5-Dichlorocatechol	Phenol
2-Chlorosyringaldehyde	4,5-Dichloroguaiacol	Tetrachlorocatechol
2-Cyclohexyl-4,6-dinitro-phenol	4,6-Dichlorocatechol	Tetrachloroguaiacol
2-Methyl-4,6-dinitrophenol	4,6-Dichloroguaiacol	Trichlorosyringol
2-Methylphenol co-Cresold	4-Chloro-3-methylphenol c4-Chloro-m-cresold	
2-Nitrophenol	4-Chlorocatechol	

Class: BNA - Benzidines

3,3[-Dichlorobenzidine	3,3[-Dimethylbenzidine
3,3[-Dimethoxybenzidine	Benzidine

Class: BNA - Chlorinated Hydrocarbons

1,2,4,5-Tetrachlorobenzene	1,4-Dichlorobenzene	Hexachlorocyclopentadiene
1,2,4-Trichlorobenzene	Benzyl chloride	Hexachloroethane
1,2-Dichlorobenzene	Hexachlorobenzene	Pentachlorobenzene
1,3-Dichlorobenzene	Hexachlorobutadiene	

Class: BNA - Explosive Residues

1,3,5-Trinitrobenzene	2,4-Dinitrotoluene	Nitrobenzene
1,3-Dinitrobenzene	2,6-Dinitrotoluene	

Class: BNA - Haloethers

4-Bromophenyl phenyl ether	Bisc2-chloroethoxydmethane	Bisc2-chloroisopropyldether
4-Chlorophenyl phenyl ether	Bisc2-chloroethyldether	

Class: BNA - Nitroaromatics

1,2-Dinitrobenzene	1,4-Dinitrobenzene	Isophorone
1,3-Dinitrobenzene	1,4-Naphthoquinone	Pentachloronitrobenzene cPCNBd

Class: BNA - Nitrosamines

N-Nitrosodiethylamine	N-Nitrosodi-n-propylamine	N-Nitrosomorpholine
N-Nitrosodimethylamine	N-Nitrosodiphenylamine	N-Nitrosopiperidine
N-Nitrosodi-n-butylamine	N-Nitrosomethylethylamine	N-Nitrosopyrrolidine

Class: BNA - Phthalates

Bisc2-ethylhexyldphthalate	Diethyl phthalate	Di-n-butyl phthalate
Butyl benzyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate

Class: Pesticides - Acid

2,4,5-T	Chloramben	Dinoseb c2-sec-butyl-4,6-Dinitrophenold
2,4-D	Chlorthal cDacthal di-acid, DCPA di-acidd	MCPA
2,4-DB	Clopyralid	MCPB
2,4-DB salts and esters	Dalapon	MCPP cMecopropd
3,5-Dichlorobenzoic acid	Dicamba	Pentachlorophenol
4-Nitrophenol	Dichlorprop c2,4-DPd	Picloram
5-Hydroxydicamba	Dichlorprop salts and esters	Silvex c2,4,5-TPd
Acifluorfen	Diclofop	Triclopyr

Class: Pesticides - Organochlorine

yy PESTICIDES, ORGANOCHLORINE cgroupd

4,4[-DDD	Chloroneb	Heptachlor
4,4[-DDE	delta-BHC	Heptachlor epoxide
4,4[-DDT	Dichlone	Isodrin
Aldrin	Dieldrin	Kepone
alpha-BHC	Endosulfan I	Methoxychlor
beta-BHC cß-BHCd	Endosulfan II	Mirex
Captafol	Endosulfan sulfate	Pentachloronitrobenzene cPCNBd
Captan	Endrin	Perthane
Chlordane calphad	Endrin aldehyde	Strobane
Chlordane cgammad	Endrin ketone	Toxaphene
Chlordane cTechnicald	gamma-BHC cLindaned	

Class: Pesticides - Nitrogen

Acetochlor	Chlorothalonil	Norflurazon
Alachlor	Dimethenamid	Pendimethalin
Aspon	Ethalfluralin	Pronamide
Benfluralin	Fenarimol	Propachlor
Bentazon	Hexazinone	Propanil
Bromacil	Isopropalin	Terbacil
Bromoxynil octanoate	Metolachlor	Triadimefon
Butachlor	Metribuzin	Trifluralin
Butylate	Napropamide	

Class: Pesticides - Organophosphorus

Acephate	Dioxathion	Parathion cParathion ethyld
Azinphos ethyl	Disulfoton	Parathion methyl
Azinphos methyl cGuthiond	EPN	Phorate
Bolstar	Ethion	Phosalone
Carbophenothion	Ethoprop	Phosmet cImidand
Chlorfenvinphos	Famphur	Phosphamidon
Chlorpyrifos	Fenitrothion	Ronnel
Chlorpyrifos methyl	Fensulfothion	Sulfotepp cTetraethyl dithiopyrophosphated
Coumaphos	Fenthion	TEPP cTetraethyl pyrophosphated
Crotoxyphos	Fonofos	Terbufos
DEF cButifosd	Hexamethylphosphoramide	Tetrachlorvinphos cStirofosd
Demeton-O	Leptophos	Thionazin cO,O-Diethyl O-2-pyrazinyl phosphorothioated
Demeton-S	Malathion	Tokuthion cProthiofosd

Diazinon	Merphos	Trichloronate
Dichlofenthion	Methamidophos	Trichlorphon
Dichlorvos cDDVPd	Mevinphos	Tri-o-cresylphosphate cTOCPd
Dicrotophos	Monocrotophos	
Dimethoate	Naled	

Class: Pesticides - Triazine

Ametryn	Deethylatrazine	Propazine
Anilazine	Deisopropylatrazine	Simazine
Atraton	Diaminoatrazine	Terbutryn
Atrazine	Prometon	
Cyanazine	Prometryn	

Class: Pesticides - Other

1,2-Dibromo-3-chloropropane cDBCPd	Permethrin	Vapam

Class: Persistent Organic Pollutants

yy PCB as AROCLORS cgroupd
yy PCB CONGENERS cgroupd

Class: Volatile Organics

yy VOLATILE ORGANICS [VOC] cgroupd

1,1,1,2-Tetrachloroethane	Acetone	Isopropyl alcohol c2-Propanold
1,1,1-Trichloroethane	Acetonitrile	Isopropylbenzene
1,1,2,2-Tetrachloroethane	Acrolein	Malononitrile
1,1,2-Trichloroethane	Acrylonitrile	Methacrylonitrile
1,1-Dichloroethane	Allyl alcohol	Methanol
1,1-Dichloroethylene	Allyl chloride	Methyl acrylate
1,1-Dichloropropene	Benzene	Methyl ethyl ketone cMEK, 2-Butanoned
1,2,3-Trichlorobenzene	Bromoacetone	Methyl methacrylate
1,2,3-Trichloropropane	Bromobenzene	Methyl tert-butyl ether cMtBEd
1,2,4-Trichlorobenzene	Bromochloromethane	Methylene chloride
1,2,4-Trimethylbenzene	Bromodichloromethane	m-Xylene
1,2-Dibromo-3-chloropropane cDBCPd	Bromoform	Naphthalene
1,2-Dibromoethane cEDBd	Bromomethane cMethyl bromided	n-Butyl alcohol c1-Butanold
1,2-Dichlorobenzene	Carbon disulfide	n-Butylbenzene
1,2-Dichloroethane	Carbon tetrachloride	n-Propylbenzene
1,2-Dichloroethene ccisd	Chlorobenzene	o-Xylene
1,2-Dichloroethene ctransd	Chloroethane	Paraldehyde
1,2-Dichloropropane	Chloroform	p-Isopropyltoluene
1,3,5-Trimethylbenzene	Chloromethane cMethyl chlorided	Propargyl alcohol
1,3-Dichloro-2-propanol	Chloromethyl methyl ether	Propionitrile cEthyl cyanided
1,3-Dichlorobenzene	Chloroprene	Propylene glycol
1,3-Dichloropropane	Crotonaldehyde	p-Xylene
1,3-Dichloropropylene ccisd	Dibromochloromethane	sec-Butylbenzene
1,3-Dichloropropylene ctransd	Dibromomethane cMethylene bromided	ß-Propiolactone
1,3-Propanediol	Dichlorodifluoromethane	Styrene
1,4-Dichlorobenzene	Diethyl ether cEthyl etherd	t-Butyl alcohol
1,4-Dioxane	Epichlorohydrin	tert-Butylbenzene
2,2-Dichloropropane	Ethanol	Tetrachloroethene
2,3-Dichloropropene	Ethyl acetate	Toluene
2-Chloroethanol	Ethyl methacrylate	Trichloroethene
2-Chloronaphthalene	Ethylbenzene	Trichlorofluoromethane
2-Chlorotoluene	Ethylene glycol	Vinyl acetate
2-Hexanone	Ethylene oxide	Vinyl chloride
2-Pentanone	Hexachlorobutadiene	Xylenes, Total
4-Chlorotoluene	Iodomethane cMethyl iodided	
4-Methyl-2-pentanone cMethyl isobutyl ketoned	Isobutyl alcohol c2-Methyl-1-propanold	

Class: Solvent Scans

Qualitative FID Fingerprint

Gas Chromatography - Mass Spectroscopy cGC{MSd Technology

Class: Base, Neutral, and Acid Extractable Semivolatile Compounds

yy SEMIVOLATILES [BNA] cgroupd

Class: BNA - Phenols

2,3,4,6-Tetrachlorophenol	3,4,5-Trichlorocatechol	4-Chloroguaiacol
2,3,5,6-Tetrachlorophenol	3,4,5-Trichloroguaiacol	4-Chlorophenol
2,4,5-Trichlorophenol	3,4,6-Trichlorocatechol	4-Methylphenol cp-Cresold
2,4,6-Trichlorophenol	3,4,6-Trichloroguaiacol	4-Nitrophenol
2,4-Dichlorophenol	3,4-Dichlorocatechol	5,6-Dichlorovanillin
2,4-Dimethylphenol	3,4-Dichloroguaiacol	5-Chlorovanillin
2,4-Dinitrophenol	3,6-Dichlorocatechol	6-Chlorovanillin
2,6-Dichlorophenol	3-Methylphenol cm-Cresold	Benzoic acid
2,6-Dichlorosyringaldehyde	4,5,6-Trichloroguaiacol	Dinoseb c2-sec-butyl-4,6-Dinitrophenold
2-Chlorophenol	4,5-Dichlorocatechol	Pentachlorophenol
2-Chlorosyringaldehyde	4,5-Dichloroguaiacol	Phenol
2-Cyclohexyl-4,6-dinitro-phenol	4,6-Dichlorocatechol	Tetrachlorocatechol
2-Methyl-4,6-dinitrophenol	4,6-Dichloroguaiacol	Tetrachloroguaiacol
2-Methylphenol co-Cresold	4-Chloro-3-methylphenol c4-Chloro-m-cresold	Trichlorosyringol
2-Nitrophenol	4-Chlorocatechol	

Class: BNA - Benzidines

3,3[-Dichlorobenzidine	3,3[-Dimethylbenzidine
3,3[-Dimethoxybenzidine	Benzidine

Class: BNA - Non-Halogenated Organics

1,4-Dioxane	Diethyl sulfate	p-Benzoquinone
1-Acetyl-2-thiourea	Diethylstilbestrol	p-Cresidine
2-Acetylaminofluorene	Dihydrosaffrole	Phenacetin
2-Aminoanthraquinone	Diphenylamine	Phenobarbital
2-Hydroxypropionitrile	Ethyl methanesulfonate	Phthalic anhydride
4-Chloroaniline	Fluchloralin	Piperonyl sulfoxide
4-Dimethylaminoazobenzene	Hydroquinone	Propylthiouracil
4-Nitroquinoline 1-oxide	Isosafrole	Pyridine
5,5-Diphenylhydantoin	Maleic anhydride	Resorcinol
Acetophenone	Mestranol	Safrole
Aminoazobenzene	Methapyrilene	TEPP cTetraethyl pyrophosphated
Aniline	Methyl methanesulfonate	Tetraethyl dithiopyrophosphate
Aramite	Nicotine	Thionazin cO,O-Diethyl O-2-pyrazinyl phosphorothioated
Azobenzene	Nitrofen	Thiophenol cBenzenethiold
Benzyl alcohol	O,O,O-Triethyl phosphorothioate	Toluene diisocyanate
Biphenyl	o-Anisidine	Trimethyl phosphate
Carbazole	Octamethyl pyrophosphoramide	Tri-p-tolyl phosphate
Dibenzofuran	o-Toluidine	Trisc2,3-dibromopropyld phosphate

Class: BNA - Chlorinated Hydrocarbons

1,2,4,5-Tetrachlorobenzene	2-Chloronaphthalene	Hexachlorocyclopentadiene
1,2,4-Trichlorobenzene	3-cChloromethyldpyridine Hydrochloride	Hexachloroethane
1,2-Dichlorobenzene	Benzyl chloride	Hexachlorophene
1,3-Dichlorobenzene	Chlorobenzilate	Hexachloropropene
1,4-Dichlorobenzene	Hexachlorobenzene	Pentachlorobenzene
1-Chloronaphthalene	Hexachlorobutadiene	Pentachloroethane

Class: BNA - Explosives Residues

1,3,5-Trinitrobenzene	2-Methyl-3-nitroaniline[1]	3-Nitrotoluene[1]
1,3-Dinitrobenzene	2-Methyl-5-nitroaniline[1]	4-Methyl-2-nitroaniline[1]
2,3-Dinitrotoluene[1]	2-Methyl-6-nitroaniline[1]	4-Methyl-3-nitroaniline[1]
2,4-Dinitrotoluene	2-Nitrotoluene[1]	4-Nitrotoluene[1]
2,5-Dinitrotoluene[1]	3,4-Dinitrotoluene[1]	5-Methyl-2-nitroaniline[1]
2,6-Dinitrotoluene	3,5-Dinitrotoluene[1]	Nitrobenzene

Class: BNA - Haloethers

4-Bromophenyl phenyl ether	Bisc2-chloroethoxydmethane	Bisc2-chloroisopropyldether
4-Chlorophenyl phenyl ether	Bisc2-chloroethyldether	

Class: BNA - Nitroaromatics

1,2-Dinitrobenzene	2-Methyl-5-nitroaniline[1]	4-Chloro-1,3-phenylenediamine
1,3,5-Trinitrobenzene	2-Naphthylamine	4-Chloroaniline
1,3-Dinitrobenzene	2-Nitroaniline	4-Nitroaniline
1,4-Dinitrobenzene	2-Picoline c2-Methylpyridined	4-Nitrobiphenyl
1,4-Naphthoquinone	3-Amino-9-ethylcarbazole	5-Chloro-2-methylaniline
1,4-Phenylenediamine	3-Nitroaniline	5-Nitroacenaphthene
1-Naphthylamine	4,4[-Methylenebis c2-chloroanilined	5-Nitro-o-anisidine
2,4,5-Trimethylaniline	4,4[-Methylenebis cN,N-dimethylanilined	5-Nitro-o-toluidine[1]
2,4-Diaminotoluene	4,4[-Oxydianiline	a,a-Dimethylphenethylamine
2,4-Dinitrotoluene	4-Aminobiphenyl	Isophorone
2,6-Dinitrotoluene	4-Chloro-1,2-phenylenediamine	Nitrobenzene

Class: BNA - Nitrosamines

N-Nitrosodiethylamine	N-Nitrosodi-n-propylamine	N-Nitrosomorpholine
N-Nitrosodimethylamine	N-Nitrosodiphenylamine	N-Nitrosopiperidine
N-Nitrosodi-n-butylamine	N-Nitrosomethylethylamine	N-Nitrosopyrrolidine

Class: BNA - Polynuclear Aromatic Hydrocarbons

yy PAH cgroupd		
1-Methylnaphthalene	Benzo[a]pyrene	Fluoranthene
2-Methylnaphthalene	Benzo[b]fluoranthene	Fluorene
3-Methylcholanthrene	Benzo[g,h,i]perylene	Indenoc1,2,3-cddpyrene
7,12-Dimethylbenzcad-anthracene	Benzo[k]fluoranthene	Naphthalene
Acenaphthene	Chrysene	Phenanthrene
Acenaphthylene	Dibenzca,jdacridine	Pyrene
Anthracene	Dibenzo[a,e]pyrene	
Benzo[a]anthracene	Dibenzo[a,h]anthracene	

Class: BNA - Phthalates

Bisc2-ethylhexyldphthalate	Diethyl phthalate	Di-n-butyl phthalate
Butyl benzyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate

Class: Pesticides - Acid

2,4,5-T	Clopyralid	MCPB
2,4-D	Dalapon	MCPP cMecopropd
2,4-DB	Dicamba	Pentachlorophenol
4-Nitrophenol	Dichlorprop c2,4-DPd	Picloram
Acifluorfen	Diclofop	Silvex c2,4,5-TPd
Bromoxynil cBrominald	Dinoseb c2-sec-butyl-4,6-Dinitrophenold	Triclopyr
Chlorthal cDacthal di-acid, DCPA di-acidd	MCPA	

Class: Pesticides - Organochlorine

yy PESTICIDES, ORGANOCHLORINE cgroupd		
4,4[-DDD	Chlordane cTechnicald	gamma-BHC cLindaned
4,4[-DDE	delta-BHC	Heptachlor
4,4[-DDT	Dichlone	Heptachlor epoxide
Aldrin	Dieldrin	Isodrin
alpha-BHC	Endosulfan I	Kepone
beta-BHC cß-BHCd	Endosulfan II	Methoxychlor
Captafol	Endosulfan sulfate	Mirex
Captan	Endrin	Pentachloronitrobenzene cPCNBd
Chlordane calphad	Endrin aldehyde	Toxaphene
Chlordane cgammad	Endrin ketone	

Class: Pesticides - Nitrogen

Acetochlor	Chlorothalonil	Norflurazon
Alachlor	Dimethenamid	Pendimethalin
Aspon	Ethalfluralin	Pronamide

Benfluralin	Fenarimol	Propachlor
Bentazon	Hexazinone	Propanil
Bromacil	Isopropalin	Terbacil
Bromoxynil octanoate	Metolachlor	Triadimefon
Butachlor	Metribuzin	Trifluralin
Butylate	Napropamide	

Class: Pesticides] Organophosphorus

Acephate	Dioxathion	Parathion cParathion ethyld
Azinphos ethyl	Disulfoton	Parathion methyl
Azinphos methyl cGuthiond	EPN	Phorate
Bolstar	Ethion	Phosalone
Carbophenothion	Ethoprop	Phosmet cImidand
Chlorfenvinphos	Famphur	Phosphamidon
Chlorpyrifos	Fenitrothion	Ronnel
Chlorpyrifos methyl	Fensulfothion	Sulfotepp cTetraethyl dithiopyrophosphated
Coumaphos	Fenthion	TEPP cTetraethyl pyrophosphated
Crotoxyphos	Fonofos	Terbufos
DEF cButifosd	Hexamethylphosphoramide	Tetrachlorvinphos cStirofosd
Demeton-O	Leptophos	Thionazin cO,O-Diethyl O-2-pyrazinyl phosphorothioated
Demeton-S	Malathion	Tokuthion cProthiofosd
Diazinon	Merphos	Trichloronate
Dichlofenthion	Methamidophos	Trichlorphon
Dichlorvos cDDVPd	Mevinphos	Tri-o-cresylphosphate cTOCPd
Dicrotophos	Monocrotophos	
Dimethoate	Naled	

Class: Pesticides - Triazine

Ametryn	Deethylatrazine	Propazine
Anilazine	Deisopropylatrazine	Simazine
Atraton	Diaminoatrazine	Terbutryn
Atrazine	Prometon	
Cyanazine	Prometryn	

Class: Pesticides - Carbamate

Barban	Dazomet	Nabam
Busan 40	Diallate ccis or transd	Nabonate
Busan 85	EPTC cEptamd	Sulfallate cThioallated
Carbam-S	Ethyl Carbamate	Tebuthiuron
Carbaryl	KN Methyl	Triallate
Carbofuran	Mexacarbate	Ziram

Class: Pesticides - Other

Endothall	Strychnine

Class: Persistent Organic Pollutants

yy PCB as AROCLORS cgroupd
yy PCB CONGENERS cgroupd

Class: Volatile Organics

yy VOLATILE ORGANICS [VOC] cgroupd

1,1,1,2-Tetrachloroethane	4-Chlorotoluene	Iodomethane cMethyl iodided
1,1,1-Trichloroethane	4-Methyl-2-pentanone cMethyl isobutyl ketoned	Isobutyl alcohol c2-Methyl-1-propanold
1,1,2,2-Tetrachloroethane	Acetone	Isopropyl alcohol c2-Propanold
1,1,2-Trichloroethane	Acetonitrile	Isopropylbenzene
1,1-Dichloroethane	Acrolein	Malononitrile
1,1-Dichloroethylene	Acrylonitrile	Methacrylonitrile
1,1-Dichloropropene	Allyl alcohol	Methanol
1,2,3,4-Diepoxybutane	Allyl chloride	Methyl acrylate
1,2,3-Trichlorobenzene	Benzene	Methyl ethyl ketone cMEK, 2-Butanoned
1,2,3-Trichloropropane	Bisc2-chloroethyldsulfide	Methyl methacrylate
1,2,4-Trichlorobenzene	Bromoacetone	Methyl tert-butyl ether cMtBEd
1,2,4-Trimethylbenzene	Bromobenzene	Methylene chloride

1,2-Dibromo-3-chloropropane cDBCPd	Bromochloromethane	m-Xylene
1,2-Dibromoethane cEDBd	Bromodichloromethane	Naphthalene
1,2-Dichlorobenzene	Bromoform	n-Butyl alcohol c1-Butanold
1,2-Dichloroethane	Bromomethane cMethyl bromided	n-Butylbenzene
1,2-Dichloroethene ccisd	Carbon disulfide	n-Propylamine
1,2-Dichloroethene ctransd	Carbon tetrachloride	n-Propylbenzene
1,2-Dichloropropane	Chlorobenzene	o-Toluidine
1,3,5-Trimethylbenzene	Chloroethane	o-Xylene
1,3-Dichloro-2-propanol	Chloroform	Paraldehyde
1,3-Dichlorobenzene	Chloromethane cMethyl chlorided	Pentachloroethane
1,3-Dichloropropane	Chloromethyl methyl ether	p-Isopropyltoluene
1,3-Dichloropropylene ccisd	Chloroprene	Propargyl alcohol
1,3-Dichloropropylene ctransd	Crotonaldehyde	Propionitrile cEthyl cyanided
1,3-Propanediol	Dibromochloromethane	p-Xylene
1,4-Dichloro-2-butene ctransd	Dibromomethane cMethylene bromided	Pyridine
1,4-Dichlorobenzene	Dichlorodifluoromethane	sec-Butylbenzene
1,4-Dioxane	Dichlorofluoromethane	ß-Propiolactone
1-Chlorohexane	Diethyl ether cEthyl etherd	Styrene
1-Propanol	Diisopropyl ether	t-Butyl alcohol
2,2-Dichloropropane	Epichlorohydrin	tert-Butylbenzene
2,3-Dichloropropene	Ethanol	Tetrachloroethene
2-Chloroethanol	Ethyl acetate	Tetrahydrofuran
2-Chloronaphthalene	Ethyl methacrylate	Toluene
2-Chlorotoluene	Ethylbenzene	Trichloroethene
2-Hexanone	Ethylene glycol	Trichlorofluoromethane
2-Nitropropane	Ethylene oxide	Vinyl acetate
2-Pentanone	Hexachlorobutadiene	Vinyl chloride
2-Picoline c2-Methylpyridined	Hexachloroethane	Xylenes, Total
3-Chloropropionitrile	Hexane, n-	

Liquid Chromatography cLCd Technology

Class: Aldehydes & Ketones

Acetaldehyde	Formaldehyde	Octanal
Acetone	Heptanal	o-Tolualdehyde
Butanal	Hexanal	Pentanal cValeraldehyded
Crotonaldehyde	Isovaleraldehyde	Propanal cPropionaldehyded
Cyclohexanone	m-Tolualdehyde	p-Tolualdehyde
Decanal	Nonanal	

Class: Pesticides - Acid

2,4,5-T	Acifluorfen	Diclofop
2,4,5-T, butoxyethanol ester	Bromoxynil cBrominald	Dinoseb c2-sec-butyl-4,6-Dinitrophenold
2,4,5-T, butyl ester	Chloramben	MCPA
2,4-D	Chlorthal cDacthal di-acid, DCPA di-acidd	MCPB
2,4-D, butoxyethanol ester	Clopyralid	MCPP cMecopropd
2,4-D, ethylhexyl ester	Dalapon	Pentachlorophenol
2,4-DB	Dicamba	Picloram
2,4-DB salts and esters	Dichlorprop c2,4-DPd	Silvex c2,4,5-TPd
3,5-Dichlorobenzoic acid	Dichlorprop salts and esters	Triclopyr
4-Nitrophenol		

Class: Pesticides - BNA-Benzidines

3,3[-Dichlorobenzidine	Benzidine	

Class: BNA - Non-Halogenated Organics

Acrolein	Acrylamide	Acrylonitrile

Class: Pesticides - Carbamate

3-Hydroxycarbofuran	Diuron	Monuron
Aldicarb	Fenuron	Oxamyl cVydated
Aldicarb sulfone	Fluometuron	Promecarb
Aldicarb sulfoxide	Linuron	Propanil
Baygon cPropoxurd	m-Cumenyl methylcarbamate	Propham

Bendiocarb	Methiocarb	Siduron
Carbaryl	Methomyl	Tebuthiuron
Carbofuran	Metolcarb	Thiodicarb
Dioxacarb	Mexacarbate	Triallate

Class: BNA - Explosive Residues

1,3,5-Trinitrobenzene	2-Amino-4,6-dinitrotoluene	Nitroglycerin
1,3-Dinitrobenzene	2-Nitrotoluene	PETN cPentaerythritol tetranitrated
2,4,6-Trinitrobenzene	3-Nitrotoluene	Picric Acid cTrinitrophenold
2,4,6-Trinitrotoluene	4-Amino-2,6-dinitrotoluene	RDX
2,4-Diamino-6-nitrotoluene	4-Nitrotoluene	Tetryl
2,4-Dinitrotoluene	HMX	
2,6-Dinitrotoluene	Nitrobenzene	

Class: Metals

Mercury	Organomercury

Class: Pesticides - Nitrogen

Bentazon	Bromoxynil cBrominald	Secbumeton
Bromacil	Butylate	TCMTB

Class: Pesticides - Organophosphorus

Dichlorvos cDDVPd	Fensulfothion	Parathion methyl
Dimethoate	Merphos	Phorate
Disulfoton	Monocrotophos	Trichlorphon
Famphur	Naled	

Class: Polynuclear Aromatic Hydrocarbons

yy PAH cgroupd

1-Methylnaphthalene	Benzo[a]pyrene	Fluoranthene
2-Methylnaphthalene	Benzo[b]fluoranthene	Fluorene
Acenaphthene	Benzo[g,h,i]perylene	Indenoc1,2,3-cddpyrene
Acenaphthylene	Benzo[k]fluoranthene	Naphthalene
Anthracene	Chrysene	Phenanthrene
Benzo[a]anthracene	Dibenzo[a,h]anthracene	

Class: Pesticides - Other

Pyrene	Glyphosate	Pyrethrin II
Diquat	Paraquat	
Fenvalerate	Pyrethrin I	

Class: BNA - Phenols

Dinoseb
c2-sec-butyl-4,6-Dinitrophenold

Liquid Chromatography - Mass Spectroscopy cLC{MSd Technology

Class: Pesticides - Acid

2,4,5-T	2,4-DB salts and esters	Dichlorprop salts and esters
2,4,5-T, butoxyethanol ester	3,5-Dichlorobenzoic acid	Dinoseb c2-sec-butyl-4,6-Dinitrophenold
2,4,5-T, butyl ester	Acifluorfen	MCPA
2,4-D	Chloramben	MCPP cMecopropd
2,4-D, butoxyethanol ester	Dalapon	Picloram
2,4-D, ethylhexyl ester	Dicamba	Silvex c2,4,5-TPd
2,4-DB	Dichlorprop c2,4-DPd	

Class: BNA - Benzidines

3,3[-Dichlorobenzidine	3,3[-Dimethylbenzidine	Benzidine
3,3[-Dimethoxybenzidine		

Class: Pesticides - Carbamate

3-Hydroxycarbofuran	Chloroxuron	Neburon
Aldicarb	Diuron	o-Chlorophenyl thiourea
Aldicarb sulfone	EPTC cEptamd	Oxamyl cVydated
Aldicarb sulfoxide	Fenuron	Pebulate
Aminocarb	Fenuron-TCA	Propham

Asulam	Fluometuron	Prosulfocarb
Barban	Linuron	Siduron
Baygon cPropoxurd	m-Cumenyl methylcarbamate	Tebuthiuron
Bendiocarb	Methiocarb	Thiodicarb
Benomyl	Methomyl	Thiofanox
Carbaryl	Metolcarb	Thiophanate-methyl
Carbendazim	Mexacarbate	Triallate
Carbofuran	Molinate	Vernolate
Carbosulfan	Monuron	
Chloropropham	Monuron-TCA	

Class: Pesticides - Nitrogen

Alachlor-ESA cAlachlor ethane sulfonic acidd	Bromacil	Propachlor
Benzoylprop ethyl	Butylate	

Class: Pesticides - Organophosphorus

Dichlorvos cDDVPd	Fensulfothion	Parathion methyl
Dimethoate	Merphos	Phorate
Disulfoton	Monocrotophos	Trichlorphon
Famphur	Naled	Rotenone

High Resolution Gas Chromatography - Mass Spectrometry cHRGC{MSd Technology

Class: Persistent Organic Pollutants

yy DIOXINS & FURANS cgroupd
yy PCB AROCLORS cgroupd
yy PCB CONGENERS cgroupd

Hazardous Waste Characteristics Technology

Class: Hazardous Waste Characteristics

Corrosivity, Toward Steel[2]	Ignitability, Setaflash Closed Cup[2]	Ignitability, Small Scale Closed Cup[2]
Corrosivity, Liquids[2]	Ignitability, Pensky-Martens Closed Cup[2]	Toxicity Characteristic Leaching Procedure cTCLPd Extraction[2, 3]

Solid Waste Leaching Procedures Technology

Class: Leaching Procedures

SPLP Extraction[2,3]	Reagent Water Shake Extraction cASTM Leachd [2,3]	EPTOX Extraction[2,3]

Whole Effluent Toxicity Assays

Class: Toxicity, Acute

Ceriodaphnia dubia[1]	Pimephales promelas[1]	

Class: Toxicity, Chronic

Ceriodaphnia dubia[1]	Pimephales promelas[1]	Selenastrum capricornutum[1]

1 = accreditation available in the aqueous matrix only

2 = accreditation available in the non-aqueous matrix only

3 = Leaching extractions require that laboratories also maintain accreditation for any analyte to be determined in the resulting leachate.

TABLE 1B
List of analytes and analyte groups in the drinking water matrix by class and method

Analyte cgroupd - Method
Class: Disinfection By-products
yy HALOACETIC ACIDS c5d - EPA 552.1
yy HALOACETIC ACIDS c5d - EPA 552.2
yy HALOACETIC ACIDS c5d - EPA 552.3
yy HALOACETIC ACIDS c5d - EPA 557
yy HALOACETIC ACIDS c5d - SM 6251B
yy THM cgroupd - EPA 502.2
yy THM cgroupd - EPA 524.2
yy THM cgroupd - EPA 524.3
yy THM cgroupd - EPA 551.1
Bromate - ASTM D 6581
Bromate - EPA 300.1
Bromate - EPA 302.0
Bromate - EPA 317.0, Rev. 2.0
Bromate - EPA 321.8
Bromate - EPA 326.0
Bromate - EPA 557
Bromide - ASTM D 6581
Bromide - EPA 300.0
Bromide - EPA 300.1
Bromide - EPA 326.0
Bromide - EPA 327.0, Rev. 1.1
Bromodichloromethane - EPA 502.2
Bromodichloromethane - EPA 524.2
Bromodichloromethane - EPA 524.3
Bromodichloromethane - EPA 551.1
Bromoform - EPA 502.2
Bromoform - EPA 524.2
Bromoform - EPA 524.3
Bromoform - EPA 551.1
Chlorate - EPA 300.1
Chlorine Dioxide - EPA 327.0, Rev.1
Chlorine Dioxide - SM 4500-ClO2 C
Chlorine Dioxide - SM 4500-ClO2 D
Chlorine Dioxide - SM 4500-ClO2 E
Chlorite - ASTM D 6581
Chlorite - EPA 300.0
Chlorite - EPA 300.1
Chlorite - EPA 317.0, Rev. 2.0
Chlorite - EPA 326.0
Chlorite - EPA 327.0, Rev. 1.1
Chlorite - SM 4500-ClO2 E
Chloroform - EPA 502.2
Chloroform - EPA 524.2
Chloroform - EPA 524.3
Chloroform - EPA 551.1
Dibromochloromethane - EPA 502.2
Dibromochloromethane - EPA 524.2
Dibromochloromethane - EPA 524.3
Dibromochloromethane - EPA 551.1
Ozone - SM 4500-O3 B
Class: Primary Inorganics Contaminants; Non-metals
Cyanide - ALPKEM OIA-77
Cyanide - ASTM D2036 cAd
Cyanide - ASTM D2036 cBd
Cyanide - ASTM D6888
Cyanide - EPA 335.4
Cyanide - Kelada 01
Cyanide - ME355.01
Cyanide - QuikChem 10-204-00-1-X
Cyanide - SM 4500-CN- C,E
Cyanide - SM 4500-CN- C,F
Cyanide - USGS I-3300-85
Cyanide, Amenable - SM 4500-CN- C,G
Fluoride - ASTM D1179 cBd

Fluoride - ASTM D4327
Fluoride - ASTM D6508, Rev. 2
Fluoride - EPA 300.0
Fluoride - EPA 300.1
Fluoride - HACH Method 10225
Fluoride - SM 4110B
Fluoride - SM 4500-F- B, D
Fluoride - SM 4500-F- C
Fluoride - SM 4500-F- E
Fluoride - Technicon 129-71W
Fluoride - Technicon 380-75WE

Nitrate - ASTM D3867 cAd
Nitrate - ASTM D3867 cBd
Nitrate - ASTM D4327
Nitrate - ASTM D6508, Rev. 2
Nitrate - EPA 300.0
Nitrate - EPA 300.1
Nitrate - EPA 353.2
Nitrate - Hach Method 10206
Nitrate - Orion 601
Nitrate - SM 4110B
Nitrate - SM 4500-NO3- D
Nitrate - SM 4500-NO3- E
Nitrate - SM 4500-NO3- F
Nitrate - Systea Easy
Nitrate - Waters B-1011

Nitrate + Nitrite - ASTM D3867 cAd
Nitrate + Nitrite - ASTM D3867 cBd
Nitrate + Nitrite - ASTM D4327
Nitrate + Nitrite - ASTM D6508, Rev. 2
Nitrate + Nitrite - EPA 300.0
Nitrate + Nitrite - EPA 300.1
Nitrate + Nitrite - EPA 353.2
Nitrate + Nitrite - SM 4110B
Nitrate + Nitrite - SM 4500-NO3- E
Nitrate + Nitrite - SM 4500-NO3- F
Nitrate + Nitrite - Waters B-1011

Nitrite - ASTM D3867 cAd
Nitrite - ASTM D3867 cBd
Nitrite - ASTM D4327
Nitrite - ASTM D6508, Rev. 2
Nitrite - EPA 300.0
Nitrite - EPA 300.1
Nitrite - EPA 353.2
Nitrite - SM 4110B
Nitrite - SM 4500-NO2- B
Nitrite - SM 4500-NO3- E
Nitrite - SM 4500-NO3- F
Nitrite - Systea Easy
Nitrite - Waters B-1011

Class: Primary Inorganics Contaminants; Metals

Antimony - ASTM D3697
Antimony - EPA 200.5 Axial ICP
Antimony - EPA 200.8
Antimony - EPA 200.9
Antimony - SM 3113B

Arsenic - ASTM D2972 cBd
Arsenic - ASTM D2972 cCd
Arsenic - EPA 200.5 Axial ICP
Arsenic - EPA 200.8
Arsenic - EPA 200.9
Arsenic - SM 3113B
Arsenic - SM 3114B

Barium - EPA 200.5 Axial ICP
Barium - EPA 200.7
Barium - EPA 200.8
Barium - SM 3111D
Barium - SM 3113B
Barium - SM 3120B

Beryllium - ASTM D3645 cBd
Beryllium - EPA 200.5 Axial ICP
Beryllium - EPA 200.7
Beryllium - EPA 200.8
Beryllium - EPA 200.9
Beryllium - SM 3113B
Beryllium - SM 3120B
Cadmium - EPA 200.5 Axial ICP
Cadmium - EPA 200.7
Cadmium - EPA 200.8
Cadmium - EPA 200.9
Cadmium - SM 3113B
Chromium - EPA 200.5 Axial ICP
Chromium - EPA 200.7
Chromium - EPA 200.8
Chromium - EPA 200.9
Chromium - SM 3113B
Chromium - SM 3120B
Copper - ASTM D1688 cAd
Copper - ASTM D1688 cCd
Copper - EPA 200.5 Axial ICP
Copper - EPA 200.7
Copper - EPA 200.8
Copper - EPA 200.9
Copper - SM 3111B
Copper - SM 3113B
Copper - SM 3120B
Lead - ASTM D3559 cDd
Lead - EPA 200.5 Axial ICP
Lead - EPA 200.8
Lead - EPA 200.9
Lead - Palintest 1001
Lead - SM 3113B
Mercury - ASTM D3223
Mercury - EPA 200.8
Mercury - EPA 245.1
Mercury - EPA 245.2
Mercury - SM 3112B
Nickel - EPA 200.5 Axial ICP
Nickel - EPA 200.7
Nickel - EPA 200.8
Nickel - EPA 200.9
Nickel - SM 3111B
Nickel - SM 3113B
Nickel - SM 3120B
Selenium - ASTM D3859 cAd
Selenium - ASTM D3859 cBd
Selenium - EPA 200.5 Axial ICP
Selenium - EPA 200.8
Selenium - EPA 200.9
Selenium - SM 3113B
Selenium - SM 3114B
Thallium - EPA 200.8
Thallium - EPA 200.9
Class: Secondary Inorganics Contaminants; Non-metals
Alkalinity - ASTM D1067 cBd
Alkalinity - SM 2320B
Alkalinity - USGS I-1030-85
Chloride - ASTM D4327
Chloride - ASTM D512 cBd
Chloride - ASTM D6508, Rev. 2
Chloride - EPA 300.0
Chloride - EPA 300.1
Chloride - SM 4110B
Chloride - SM 4500-Cl- B
Chloride - SM 4500-Cl- D
Chlorine, Combined - ASTM D1253
Chlorine, Combined - SM 4500-Cl D

Chlorine, Combined - SM 4500-Cl F
Chlorine, Combined - SM 4500-Cl G

Chlorine, Free - ASTM D1253
Chlorine, Free - Chlorosense
Chlorine, Free - EPA 334.0
Chlorine, Free - SM 4500-Cl D
Chlorine, Free - SM 4500-Cl F
Chlorine, Free - SM 4500-Cl G
Chlorine, Free - SM 4500-Cl H

Chlorine, Total - ASTM D1253
Chlorine, Total - Chlorosense
Chlorine, Total - EPA 334.0
Chlorine, Total - SM 4500-Cl D
Chlorine, Total - SM 4500-Cl E
Chlorine, Total - SM 4500-Cl F
Chlorine, Total - SM 4500-Cl G
Chlorine, Total - SM 4500-Cl I

Conductivity - ASTM D1125 cAd
Conductivity - SM 2510B

Dissolved Organic Carbon cDOCd - EPA 415.3
Dissolved Organic Carbon cDOCd - SM 5310B
Dissolved Organic Carbon cDOCd - SM 5310C
Dissolved Organic Carbon cDOCd - SM 5310D

Foaming agents cMBASd - SM 5540C

Orthophosphate - ASTM D4327
Orthophosphate - ASTM D515 cAd
Orthophosphate - ASTM D6508, Rev. 2
Orthophosphate - EPA 300.0
Orthophosphate - EPA 300.1
Orthophosphate - EPA 365.1
Orthophosphate - SM 4110B
Orthophosphate - SM 4500-P E
Orthophosphate - SM 4500-P F
Orthophosphate - USGS I-1601-85
Orthophosphate - USGS I-2598-85
Orthophosphate - USGS I-2601-90

pH - ASTM D1293
pH - EPA 150.1
pH - EPA 150.2
pH - SM 4500-H+ B

Sulfate - ASTM D4327
Sulfate - ASTM D516
Sulfate - ASTM D6508, Rev. 2
Sulfate - EPA 300.0
Sulfate - EPA 300.1
Sulfate - EPA 375.2
Sulfate - SM 4110B
Sulfate - SM 4500-SO42- C, D
Sulfate - SM 4500-SO42- E
Sulfate - SM 4500-SO42- F

SUVA ccalc.d - EPA 415.3

TDS cTotal Dissolved Solidsd - SM 2540C

Total Organic Carbon cTOCd - EPA 415.3
Total Organic Carbon cTOCd - SM 5310B
Total Organic Carbon cTOCd - SM 5310C
Total Organic Carbon cTOCd - SM 5310D

Turbidity - AMI Turbiwell
Turbidity - EPA 180.1
Turbidity - GLI Method 2
Turbidity - HACH FilterTrak 10133
Turbidity - Mitchell M5271
Turbidity - Mitchell M5331
Turbidity - Orion AQ4500
Turbidity - SM 2130B

UV254 - EPA 415.3
UV254 - SM 5910B

Class: Secondary Inorganics Contaminants; Metals

Aluminum - EPA 200.5 Axial ICP

Aluminum - EPA 200.7
Aluminum - EPA 200.8
Aluminum - EPA 200.9
Aluminum - SM 3111D
Aluminum - SM 3113B
Aluminum - SM 3120B

Calcium - ASTM D511 cAd
Calcium - ASTM D511 cBd
Calcium - ASTM D6919
Calcium - EPA 200.5 Axial ICP
Calcium - EPA 200.7
Calcium - SM 3111B
Calcium - SM 3120B
Calcium - SM 3500-Ca B
Calcium - SM 3500-Ca D

Iron - EPA 200.5 Axial ICP
Iron - EPA 200.7
Iron - EPA 200.9
Iron - SM 3111B
Iron - SM 3113B
Iron - SM 3120B

Magnesium - ASTM D511 cAd
Magnesium - ASTM D511 cBd
Magnesium - ASTM D6919
Magnesium - EPA 200.5 Axial ICP
Magnesium - EPA 200.7
Magnesium - SM 3111B
Magnesium - SM 3120B
Magnesium - SM 3500-Mg B

Manganese - EPA 200.5 Axial ICP
Manganese - EPA 200.7
Manganese - EPA 200.8
Manganese - EPA 200.9
Manganese - SM 3111B
Manganese - SM 3113B
Manganese - SM 3120B

Silica - ASTM D859
Silica - EPA 200.5 Axial ICP
Silica - EPA 200.7
Silica - SM 3120B
Silica - SM 4500-Si D
Silica - SM 4500-Si E
Silica - SM 4500-Si F
Silica - SM 4500-SiO2 C
Silica - SM 4500-SiO2 D
Silica - SM 4500-SiO2 E
Silica - USGS I-1700-85
Silica - USGS I-2700-85

Silver - EPA 200.5 Axial ICP
Silver - EPA 200.7
Silver - EPA 200.8
Silver - EPA 200.9
Silver - SM 3111B
Silver - SM 3113B
Silver - SM 3120B
Silver - USGS I-3720-85

Sodium - ASTM D6919
Sodium - EPA 200.5 Axial ICP
Sodium - EPA 200.7
Sodium - SM 3111B

Zinc - EPA 200.5 Axial ICP
Zinc - EPA 200.7
Zinc - EPA 200.8
Zinc - SM 3111B
Zinc - SM 3120B

Class: Synthetic Organic Contaminants cSOCd] Dioxin
2,3,7,8-TCDD cDioxind - EPA 1613

Class: Synthetic Organic Contaminants cSOCd] Organochlorine Pesticides
Aldrin - EPA 505
Aldrin - EPA 508
Aldrin - EPA 508.1
Aldrin - EPA 525.2
Chlordane - EPA 505
Chlordane - EPA 508
Chlordane - EPA 508.1
Chlordane - EPA 525.2
Chlordane - EPA 525.3
Dieldrin - EPA 505
Dieldrin - EPA 508
Dieldrin - EPA 508.1
Dieldrin - EPA 525.2
Endrin - EPA 505
Endrin - EPA 508
Endrin - EPA 508.1
Endrin - EPA 525.2
Endrin - EPA 525.3
Endrin - EPA 551.1
Heptachlor - EPA 505
Heptachlor - EPA 508
Heptachlor - EPA 508.1
Heptachlor - EPA 525.2
Heptachlor - EPA 525.3
Heptachlor - EPA 551.1
Heptachlor epoxide - EPA 505
Heptachlor epoxide - EPA 508
Heptachlor epoxide - EPA 508.1
Heptachlor epoxide - EPA 525.2
Heptachlor epoxide - EPA 525.3
Heptachlor epoxide - EPA 551.1
Lindane cgamma-BHCd - EPA 505
Lindane cgamma-BHCd - EPA 508
Lindane cgamma-BHCd - EPA 508.1
Lindane cgamma-BHCd - EPA 525.2
Lindane cgamma-BHCd - EPA 525.3
Lindane cgamma-BHCd - EPA 551.1
Methoxychlor - EPA 505
Methoxychlor - EPA 508
Methoxychlor - EPA 508.1
Methoxychlor - EPA 525.2
Methoxychlor - EPA 525.3
Methoxychlor - EPA 551.1
Toxaphene - EPA 505
Toxaphene - EPA 508
Toxaphene - EPA 508.1
Toxaphene - EPA 525.2
Toxaphene - EPA 525.3
Class: Synthetic Organic Contaminants cSOCd] Nitrogen-phosphorus Pesticides
Alachlor - EPA 505
Alachlor - EPA 507
Alachlor - EPA 508.1
Alachlor - EPA 525.2
Alachlor - EPA 525.3
Alachlor - EPA 551.1
Atrazine - EPA 505
Atrazine - EPA 507
Atrazine - EPA 508.1
Atrazine - EPA 523
Atrazine - EPA 525.2
Atrazine - EPA 525.3
Atrazine - EPA 536
Atrazine - EPA 551.1
Atrazine - Syngenta AG-625
Butachlor - EPA 507
Butachlor - EPA 508.1
Butachlor - EPA 525.2

Metolachlor - EPA 507
Metolachlor - EPA 508.1
Metolachlor - EPA 525.2
Metolachlor - EPA 551.1
Metribuzin - EPA 507
Metribuzin - EPA 508.1
Metribuzin - EPA 525.2
Metribuzin - EPA 551.1
Propachlor - EPA 507
Propachlor - EPA 508.1
Propachlor - EPA 525.2
Simazine - EPA 505
Simazine - EPA 507
Simazine - EPA 508.1
Simazine - EPA 523
Simazine - EPA 525.2
Simazine - EPA 525.3
Simazine - EPA 536
Simazine - EPA 551.1
Class: Synthetic Organic Contaminants cSOCd] Herbicides
2,4-D - ASTM D5317
2,4-D - EPA 515.1
2,4-D - EPA 515.2
2,4-D - EPA 515.3
2,4-D - EPA 515.4
2,4-D - EPA 555
2,4-D - SM 6640B
Dalapon - EPA 515.1
Dalapon - EPA 515.3
Dalapon - EPA 515.4
Dalapon - EPA 552.1
Dalapon - EPA 552.2
Dalapon - EPA 552.3
Dalapon - EPA 557
Dalapon - SM 6640B
Dicamba - EPA 515.1
Dicamba - EPA 515.2
Dicamba - EPA 515.3
Dicamba - EPA 515.4
Dicamba - EPA 555
Dinoseb - EPA 515.1
Dinoseb - EPA 515.2
Dinoseb - EPA 515.3
Dinoseb - EPA 515.4
Dinoseb - EPA 555
Dinoseb - SM 6640B
Pentachlorophenol - ASTM D5317
Pentachlorophenol - EPA 515.1
Pentachlorophenol - EPA 515.2
Pentachlorophenol - EPA 515.3
Pentachlorophenol - EPA 515.4
Pentachlorophenol - EPA 525.2
Pentachlorophenol - EPA 525.3
Pentachlorophenol - EPA 555
Pentachlorophenol - SM 6640B
Picloram - ASTM D5317
Picloram - EPA 515.1
Picloram - EPA 515.2
Picloram - EPA 515.3
Picloram - EPA 515.4
Picloram - EPA 555
Picloram - SM 6640B
Silvex c2,4,5-TPd - ASTM D5317
Silvex c2,4,5-TPd - EPA 515.1
Silvex c2,4,5-TPd - EPA 515.2
Silvex c2,4,5-TPd - EPA 515.3
Silvex c2,4,5-TPd - EPA 515.4

Silvex c2,4,5-TPd - EPA 555
Silvex c2,4,5-TPd - SM 6640B
Class: Synthetic Organic Contaminants cSOCd] Miscellaneous
3-Hydroxycarbofuran - EPA 531.1
3-Hydroxycarbofuran - EPA 531.2
3-Hydroxycarbofuran - SM 6610B
Aldicarb - EPA 531.1
Aldicarb - EPA 531.2
Aldicarb - SM 6610B
Aldicarb sulfone - EPA 531.1
Aldicarb sulfone - EPA 531.2
Aldicarb sulfone - SM 6610B
Aldicarb sulfoxide - EPA 531.1
Aldicarb sulfoxide - EPA 531.2
Aldicarb sulfoxide - SM 6610B
Benzo[a]pyrene - EPA 525.2
Benzo[a]pyrene - EPA 525.3
Benzo[a]pyrene - EPA 550
Benzo[a]pyrene - EPA 550.1
Carbaryl - EPA 531.1
Carbaryl - EPA 531.2
Carbaryl - SM 6610B
Carbofuran - EPA 531.1
Carbofuran - EPA 531.2
Carbofuran - SM 6610B
Dic2-ethylhexyldadipate - EPA 506
Dic2-ethylhexyldadipate - EPA 525.2
Dic2-ethylhexyldadipate - EPA 525.3
Dic2-ethylhexyldphthalate - EPA 506
Dic2-ethylhexyldphthalate - EPA 525.2
Dic2-ethylhexyldphthalate - EPA 525.3
Dibromochloropropane cDBCPd - EPA 504.1
Dibromochloropropane cDBCPd - EPA 524.3
Dibromochloropropane cDBCPd - EPA 551.1
Diquat - EPA 549.2
Endothall - EPA 548.1
Ethylene dibromide cEDBd - EPA 504.1
Ethylene dibromide cEDBd - EPA 524.3
Ethylene dibromide cEDBd - EPA 551.1
Glyphosate - EPA 547
Glyphosate - SM 6651B
Hexachlorobenzene - EPA 505
Hexachlorobenzene - EPA 508
Hexachlorobenzene - EPA 508.1
Hexachlorobenzene - EPA 525.2
Hexachlorobenzene - EPA 525.3
Hexachlorobenzene - EPA 551.1
Hexachlorocyclopentadiene - EPA 505
Hexachlorocyclopentadiene - EPA 508
Hexachlorocyclopentadiene - EPA 508.1
Hexachlorocyclopentadiene - EPA 525.2
Hexachlorocyclopentadiene - EPA 525.3
Hexachlorocyclopentadiene - EPA 551.1
Methomyl - EPA 531.1
Methomyl - EPA 531.2
Methomyl - SM 6610B
Oxamyl cVydated - EPA 531.1
Oxamyl cVydated - EPA 531.2
Oxamyl cVydated - SM 6610B
PCBs cas Aroclorsd Screening - EPA 505
PCBs cas Aroclorsd Screening - EPA 508
PCBs cas Aroclorsd Screening - EPA 508.1
PCBs cas Aroclorsd Screening - EPA 525.2
PCBs cas Aroclorsd Screening - EPA 525.3
PCBs cas Decachlorobiphenyld - EPA 508A
Class: Volatile Organic Compounds cVOCsd
yy VOCS, REGULATED cgroupd - EPA 502.2
yy VOCS, REGULATED cgroupd - EPA 524.2

yy VOCS, REGULATED cgroupd - EPA 524.3
yy VOCS, UNREGULATED cgroupd - EPA 502.2
yy VOCS, UNREGULATED cgroupd - EPA 524.2
yy VOCS, UNREGULATED cgroupd - EPA 524.3

Regulated VOCs

® 1,1,1-Trichloroethane - EPA 502.2
® 1,1,1-Trichloroethane - EPA 524.2
® 1,1,1-Trichloroethane - EPA 524.3
® 1,1,1-Trichloroethane - EPA 551.1
® 1,1,2-Trichloroethane - EPA 502.2
® 1,1,2-Trichloroethane - EPA 524.2
® 1,1,2-Trichloroethane - EPA 524.3
® 1,1,2-Trichloroethane - EPA 551.1
® 1,1-Dichloroethylene - EPA 502.2
® 1,1-Dichloroethylene - EPA 524.2
® 1,1-Dichloroethylene - EPA 524.3
® 1,2,4-Trichlorobenzene - EPA 502.2
® 1,2,4-Trichlorobenzene - EPA 524.2
® 1,2,4-Trichlorobenzene - EPA 524.3
® 1,2-Dichlorobenzene - EPA 502.2
® 1,2-Dichlorobenzene - EPA 524.2
® 1,2-Dichlorobenzene - EPA 524.3
® 1,2-Dichloroethane - EPA 502.2
® 1,2-Dichloroethane - EPA 524.2
® 1,2-Dichloroethane - EPA 524.3
® 1,2-Dichloroethylene ccis-d - EPA 502.2
® 1,2-Dichloroethylene ccis-d - EPA 524.2
® 1,2-Dichloroethylene ccis-d - EPA 524.3
® 1,2-Dichloroethylene ctrans-d - EPA 502.2
® 1,2-Dichloroethylene ctrans-d - EPA 524.2
® 1,2-Dichloroethylene ctrans-d - EPA 524.3
® 1,2-Dichloropropane - EPA 502.2
® 1,2-Dichloropropane - EPA 524.2
® 1,2-Dichloropropane - EPA 524.3
® 1,4-Dichlorobenzene - EPA 502.2
® 1,4-Dichlorobenzene - EPA 524.2
® 1,4-Dichlorobenzene - EPA 524.3
® Benzene - EPA 502.2
® Benzene - EPA 524.2
® Benzene - EPA 524.3
® Carbon tetrachloride - EPA 502.2
® Carbon tetrachloride - EPA 524.2
® Carbon tetrachloride - EPA 524.3
® Carbon tetrachloride - EPA 551.1
® Chlorobenzene - EPA 502.2
® Chlorobenzene - EPA 524.2
® Chlorobenzene - EPA 524.3
® Dichloromethane - EPA 502.2
® Dichloromethane - EPA 524.2
® Dichloromethane - EPA 524.3
® Ethylbenzene - EPA 502.2
® Ethylbenzene - EPA 524.2
® Ethylbenzene - EPA 524.3
® Styrene - EPA 502.2
® Styrene - EPA 524.2
® Styrene - EPA 524.3
® Tetrachloroethylene - EPA 502.2
® Tetrachloroethylene - EPA 524.2
® Tetrachloroethylene - EPA 524.3
® Tetrachloroethylene - EPA 551.1
® Toluene - EPA 502.2
® Toluene - EPA 524.2
® Toluene - EPA 524.3
® Trichloroethylene - EPA 502.2
® Trichloroethylene - EPA 524.2
® Trichloroethylene - EPA 524.3
® Trichloroethylene - EPA 551.1

® Vinyl chloride - EPA 502.2
® Vinyl chloride - EPA 524.2
® Vinyl chloride - EPA 524.3
® Xylenes cTotald - EPA 502.2
® Xylenes cTotald - EPA 524.2
® Xylenes cTotald - EPA 524.3

Unregulated VOCs

1,1,1,2-Tetrachloroethane - EPA 502.2
1,1,1,2-Tetrachloroethane - EPA 524.2
1,1,1,2-Tetrachloroethane - EPA 524.3
1,1,2,2-Tetrachloroethane - EPA 502.2
1,1,2,2-Tetrachloroethane - EPA 524.2
1,1,2,2-Tetrachloroethane - EPA 524.3
1,1-Dichloroethane - EPA 502.2
1,1-Dichloroethane - EPA 524.2
1,1-Dichloroethane - EPA 524.3
1,1-Dichloropropene - EPA 502.2
1,1-Dichloropropene - EPA 524.2
1,1-Dichloropropene - EPA 524.3
1,2,3-Trichlorobenzene - EPA 502.2
1,2,3-Trichlorobenzene - EPA 524.2
1,2,3-Trichlorobenzene - EPA 524.3
1,2,3-Trichloropropane - EPA 502.2
1,2,3-Trichloropropane - EPA 524.2
1,2,3-Trichloropropane - EPA 524.3
1,2,4-Trimethylbenzene - EPA 502.2
1,2,4-Trimethylbenzene - EPA 524.2
1,2,4-Trimethylbenzene - EPA 524.3
1,3,5-Trimethylbenzene - EPA 502.2
1,3,5-Trimethylbenzene - EPA 524.2
1,3,5-Trimethylbenzene - EPA 524.3
1,3-Dichlorobenzene - EPA 502.2
1,3-Dichlorobenzene - EPA 524.2
1,3-Dichlorobenzene - EPA 524.3
1,3-Dichloropropane - EPA 502.2
1,3-Dichloropropane - EPA 524.2
1,3-Dichloropropane - EPA 524.3
1,3-Dichloropropylene ccisd - EPA 502.2
1,3-Dichloropropylene ccisd - EPA 524.2
1,3-Dichloropropylene ccisd - EPA 524.3
1,3-Dichloropropylene ctransd - EPA 502.2
1,3-Dichloropropylene ctransd - EPA 524.2
1,3-Dichloropropylene ctransd - EPA 524.3
2,2-Dichloropropane - EPA 502.2
2,2-Dichloropropane - EPA 524.2
2,2-Dichloropropane - EPA 524.3
2-Chlorotoluene - EPA 502.2
2-Chlorotoluene - EPA 524.2
2-Chlorotoluene - EPA 524.3
4-Chlorotoluene - EPA 502.2
4-Chlorotoluene - EPA 524.2
4-Chlorotoluene - EPA 524.3
4-Isopropyltoluene - EPA 502.2
4-Isopropyltoluene - EPA 524.2
4-Isopropyltoluene - EPA 524.3
Bromobenzene - EPA 502.2
Bromobenzene - EPA 524.2
Bromobenzene - EPA 524.3
Bromochloromethane - EPA 502.2
Bromochloromethane - EPA 524.2
Bromochloromethane - EPA 524.3
Bromomethane - EPA 502.2
Bromomethane - EPA 524.2
Bromomethane - EPA 524.3
Chloroethane - EPA 502.2
Chloroethane - EPA 524.2
Chloroethane - EPA 524.3

Chloromethane - EPA 502.2
Chloromethane - EPA 524.2
Chloromethane - EPA 524.3
Dibromomethane - EPA 502.2
Dibromomethane - EPA 524.2
Dibromomethane - EPA 524.3
Dichlorodifluoromethane - EPA 502.2
Dichlorodifluoromethane - EPA 524.2
Dichlorodifluoromethane - EPA 524.3
Fluorotrichloromethane - EPA 502.2
Fluorotrichloromethane - EPA 524.2
Fluorotrichloromethane - EPA 524.3
Hexachlorobutadiene - EPA 502.2
Hexachlorobutadiene - EPA 524.2
Hexachlorobutadiene - EPA 524.3
Isopropylbenzene - EPA 502.2
Isopropylbenzene - EPA 524.2
Isopropylbenzene - EPA 524.3
Methyl tert-butyl ether - EPA 502.2
Methyl tert-butyl ether - EPA 524.2
Methyl tert-butyl ether - EPA 524.3
Naphthalene - EPA 502.2
Naphthalene - EPA 524.2
Naphthalene - EPA 524.3
n-Butylbenzene - EPA 502.2
n-Butylbenzene - EPA 524.2
n-Butylbenzene - EPA 524.3
n-Propylbenzene - EPA 502.2
n-Propylbenzene - EPA 524.2
n-Propylbenzene - EPA 524.3
sec-Butylbenzene - EPA 502.2
sec-Butylbenzene - EPA 524.2
sec-Butylbenzene - EPA 524.3
tert-Butylbenzene - EPA 502.2
tert-Butylbenzene - EPA 524.2
tert-Butylbenzene - EPA 524.3

Table 2: Analytes and analyte groups available for accreditation

Analyte	Class code	Technologies: Aqueous matrix	Technologies: Non-aqueous matrix	Class: Drinking Water matrix
Analyte Groups				
yy DIOXINS & FURANS cgroupd	GRP	HRGC{MS	HRGC{MS	--
yy HALOACETIC ACIDS c5d	GRP	--	--	EPA 552.1 EPA 552.2 EPA 552.3 EPA 557 SM 6251B SM 6610B
yy PAH cgroupd	GRP	GC GC{MS LC	GC GC{MS LC	--
yy PCB as AROCLORS cgroupd	GRP	GC GC{MS	GC GC{MS	--
yy PCB CONGENERS cgroupd	GRP	GC GC{MS HRGC{MS	GC GC{MS HRGC{MS	--
yy PESTICIDES, ORGANOCHLORINE cgroupd	GRP	GC GC{MS	GC GC{MS	--
yy SEMIVOLATILES [BNA] cgroupd	GRP	GC GC{MS	GC GC{MS	--
yy THM cgroupd	GRP	--	--	EPA 502.2 EPA 524.2 EPA 524.3 EPA 551.1
yy VOLATILE ORGANICS [VOC] cgroupd	GRP	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3
Analytes				
1,1,1,2-Tetrachloroethane	VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3
1,1,1-Trichloroethane	VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3 EPA 551.1
1,1,2,2-Tetrachloroethane	VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3
1,1,2-Trichloroethane	VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3 EPA 551.1
1,1-Dichloroethane	VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3
1,1-Dichloroethylene	VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3
1,1-Dichloropropene	VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3
1,2,3,4-Diepoxybutane	VOC	GC{MS	GC{MS	--
1,2,3-Trichlorobenzene	VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3
1,2,3-Trichloropropane	VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3
1,2,4,5-Tetrachlorobenzene	CHLH	GC GC{MS	GC GC{MS	--
1,2,4-Trichlorobenzene	CHLH VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3

Analyte Groups (Continued)

Analyte	Class code	Technologies		Class
		Aqueous matrix	Non-aqueous matrix	Drinking Water matrix
1,2,4-Trimethylbenzene	VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3
1,2-Dibromo-3-chloropropane cDBCPd, cDibromochloropropaned	PEST SOCM VOC	GC	GC	EPA 504.1 EPA 524.3 EPA 551.1
1,2-Dibromoethane cEDBd, Ethylene dibromide	VOC	GC GC{MS	GC GC{MS	EPA 504.1 EPA 524.3 EPA 551.1
1,2-Dichlorobenzene	CHLH VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3
1,2-Dichloroethane	VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3
1,2-Dichloroethene ccisd	VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3
1,2-Dichloroethene ctransd	VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3
1,2-Dichloropropane	VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3
1,2-Dinitrobenzene	NAROM	GC GC{MS	GC GC{MS	--
1,3,5-Trimethylbenzene	VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3
1,3,5-Trinitrobenzene	EXPLO NAROM	GC GC{MS LC	GC GC{MS LC	--
1,3-Dichloro-2-propanol	VOC	GC GC{MS	GC GC{MS	--
1,3-Dichlorobenzene	CHLH VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3
1,3-Dichloropropane	VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3
1,3-Dichloropropylene ccisd	VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3
1,3-Dichloropropylene ctransd	VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3
1,3-Dinitrobenzene	EXPLO NAROM	GC GC{MS LC	GC GC{MS LC	--
1,3-Propanediol	VOC	GC GC{MS	GC GC{MS	--
1,4-Dichloro-2-butene ctransd	VOC	GC{MS	GC{MS	--
1,4-Dichlorobenzene	CHLC VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3
1,4-Dinitrobenzene	NAROM	GC GC{MS	GC GC{MS	--
1,4-Dioxane	BNANH VOC	GC GC{MS	GC GC{MS	--
1,4-Naphthoquinone	NAROM	GC GC{MS	GC GC{MS	--
1,4-Phenylenediamine	NAROM	GC GC{MS	GC GC{MS	--
1-Acetyl-2-thiourea	BNANH	GC{MS	GC{MS	--
1-Chlorohexane	VOC	GC{MS	GC{MS	--

Analyte Groups (Continued)

		Technologies		Class
Analyte	**Class code**	**Aqueous matrix**	**Non-aqueous matrix**	**Drinking Water matrix**
1-Chloronaphthalene	CHLH	GC{MS	GC{MS	--
1-Methylnaphthalene	PAH	GC GC{MS LC	GC GC{MS LC	--
1-Naphthylamine	NAROM	GC GC{MS	GC GC{MS	--
1-Propanol	VOC	GC{MS	GC{MS	--
2,2-Dichloropropane	VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3
2,3,4,6-Tetrachlorophenol	PHEN	GC GC{MS	GC GC{MS	--
2,3,5,6-Tetrachlorophenol	PHEN	GC GC{MS	GC GC{MS	--
2,3,7,8-TCDD cDioxind	SOCD	--	--	EPA 1613
2,3-Dichloropropene	VOC	GC GC{MS	GC GC{MS	--
2,3-Dinitrotoluene	EXPLO	GC{MS	--	--
2,4,5-T	APEST	GC GC{MS LC LC{MS	GC GC{MS LC LC{MS	--
2,4,5-T, butoxyethanol ester	APEST	LC LC{MS	LC LC{MS	--
2,4,5-T, butyl ester	APEST	LC LC{MS	LC LC{MS	--
2,4,5-Trichlorophenol	PHEN	GC GC{MS	GC GC{MS	--
2,4,5-Trimethylaniline	NAROM	GC GC{MS	GC GC{MS	--
2,4,6-Trichlorophenol	PHEN	GC GC{MS	GC GC{MS	--
2,4,6-Trinitrobenzene	EXPLO	LC	LC	--
2,4,6-Trinitrotoluene	EXPLO	LC	LC	--
2,4-D	APEST	GC GC{MS LC LC{MS	GC GC{MS LC LC{MS	ASTM D5317 EPA 515.1 EPA 515.2 EPA 515.3 EPA 515.4 EPA 555 SM 6640B
2,4-D, butoxyethanol ester	APEST	LC LC{MS	LC LC{MS	--
2,4-D, ethylhexyl ester	APEST	LC LC{MS	LC LC{MS	--
2,4-DB	APEST	GC GC{MS LC LC{MS	GC GC{MS LC LC{MS	--
2,4-DB salts and esters	APEST	GC LC LC{MS	GC LC LC{MS	--
2,4-Diamino-6-nitrotoluene	EXPLO	LC	LC	--
2,4-Diaminotoluene	NAROM	GC GC{MS	GC GC{MS	--
2,4-Dichlorophenol	PHEN	GC GC{MS	GC GC{MS	--
2,4-Dimethylphenol	PHEN	GC GC{MS	GC GC{MS	--
2,4-Dinitrophenol	PHEN	GC GC{MS	GC GC{MS	--
2,4-Dinitrotoluene	EXPLO NAROM	GC GC{MS LC	GC GC{MS LC	--
2,5-Dinitrotoluene	EXPLO	GC{MS	--	--

Analyte Groups (Continued)

		Technologies		Class
Analyte	**Class code**	**Aqueous matrix**	**Non-aqueous matrix**	**Drinking Water matrix**
2,6-Dichlorophenol	PHEN	GC GC{MS	GC GC{MS	--
2,6-Dichlorosyringaldehyde	PHEN	GC GC{MS	GC GC{MS	--
2,6-Dinitrotoluene	EXPLO NAROM	GC GC{MS LC	GC GC{MS LC	--
2-Acetylaminofluorene	BNANH	GC{MS	GC{MS	--
2-Amino-4,6-dinitrotoluene	EXPLO	LC	LC	--
2-Aminoanthraquinone	BNANH	GC{MS	GC{MS	--
2-Chloroethanol	VOC	GC GC{MS	GC GC{MS	--
2-Chloronaphthalene	CHLH VOC	GC GC{MS	GC GC{MS	--
2-Chlorophenol	PHEN	GC GC{MS	GC GC{MS	--
2-Chlorosyringaldehyde	PHEN	GC GC{MS	GC GC{MS	--
2-Chlorotoluene	VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3
2-Cyclohexyl-4,6-dinitro-phenol	PHEN	GC GC{MS	GC GC{MS	--
2-Hexanone	VOC	GC GC{MS	GC GC{MS	--
2-Hydroxypropionitrile	BNANH	GC{MS	GC{MS	--
2-Methyl-3-nitroaniline	EXPLO	GC{MS	--	--
2-Methyl-4,6-dinitrophenol	PHEN	GC GC{MS	GC GC{MS	--
2-Methyl-5-nitroaniline	NAROM EXPLO	GC{MS	--	--
2-Methyl-6-nitroaniline	EXPLO	GC{MS	--	--
2-Methylnaphthalene	PAH	GC GC{MS LC	GC GC{MS LC	--
2-Methylphenol co-Cresold	PHEN	GC GC{MS	GC GC{MS	--
2-Naphthylamine	NAROM	GC{MS	GC{MS	--
2-Nitroaniline	NAROM	GC{MS	GC{MS	--
2-Nitrophenol	PHEN	GC GC{MS	GC GC{MS	--
2-Nitropropane	VOC	GC{MS	GC{MS	--
2-Nitrotoluene	EXPLO	GC{MS LC	LC	--
2-Pentanone	VOC	GC GC{MS	GC GC{MS	--
2-Picoline c2-Methylpyridined	NAROM VOC	GC{MS	GC{MS	--
3-cChloromethyldpyridine hydrochloride	CHLH	GC{MS	GC{MS	--
3,3[-Dichlorobenzidine	BENZ	GC GC{MS LC LC{MS	GC GC{MS LC LC{MS	--
3,3[-Dimethoxybenzidine	BENZ	GC GC{MS LC{MS	GC GC{MS LC{MS	--
3,3[-Dimethylbenzidine	BENZ	GC GC{MS LC{MS	GC GC{MS LC{MS	--
3,4,5-Trichlorocatechol	PHEN	GC GC{MS	GC GC{MS	--
3,4,5-Trichloroguaiacol	PHEN	GC GC{MS	GC GC{MS	--
3,4,6-Trichlorocatechol	PHEN	GC GC{MS	GC GC{MS	--

Analyte Groups (Continued)

Analyte	Class code	Technologies		Class
		Aqueous matrix	Non-aqueous matrix	Drinking Water matrix
3,4,6-Trichloroguaiacol	PHEN	GC GC{MS	GC GC{MS	--
3,4-Dichlorocatechol	PHEN	GC GC{MS	GC GC{MS	--
3,4-Dichloroguaiacol	PHEN	GC GC{MS	GC GC{MS	--
3,4-Dinitrotoluene	EXPLO	GC{MS	--	--
3,5-Dichlorobenzoic acid	APEST	GC LC LC{MS	GC LC LC{MS	--
3,5-Dinitrotoluene	EXPLO	GC{MS	--	--
3,6-Dichlorocatechol	PHEN	GC GC{MS	GC GC{MS	--
3-Amino-9-ethylcarbazole	NAROM	GC{MS	GC{MS	--
3-Chloropropionitrile	VOC	GC{MS	GC{MS	--
3-Hydroxycarbofuran	CARB	LC LC{MS	LC LC{MS	EPA 531.1 EPA 531.2 SM 6610B
3-Methylcholanthrene	PAH	GC{MS	GC{MS	--
3-Methylphenol cm-Cresold	PHEN	GC GC{MS	GC GC{MS	--
3-Nitroaniline	NAROM	GC{MS	GC{MS	--
3-Nitrotoluene	EXPLO	GC{MS LC	GC{MS LC	--
4,4[-DDD	CPEST	GC GC{MS	GC GC{MS	--
4,4[-DDE	CPEST	GC GC{MS	GC GC{MS	--
4,4[-DDT	CPEST	GC GC{MS	GC GC{MS	--
4,4[-Methylenebis c2-chloroanilined	NAROM	GC{MS	GC{MS	--
4,4[-MethylenebiscN,N-dimethylanilined	NAROM	GC{MS	GC{MS	--
4,4[-Oxydianiline	NAROM	GC{MS	GC{MS	--
4,5,6-Trichloroguaiacol	PHEN	GC GC{MS	GC GC{MS	--
4,5-Dichlorocatechol	PHEN	GC GC{MS	GC GC{MS	--
4,5-Dichloroguaiacol	PHEN	GC GC{MS	GC GC{MS	--
4,6-Dichlorocatechol	PHEN	GC GC{MS	GC GC{MS	--
4,6-Dichloroguaiacol	PHEN	GC GC{MS	GC GC{MS	--
4-Amino-2,6-dinitrotoluene	EXPLO	LC	LC	--
4-Aminobiphenyl	NAROM	GC{MS	GC{MS	--
4-Bromophenyl phenyl ether	HALO	GC GC{MS	GC GC{MS	--
4-Chloro-1,2-phenylenediamine	NAROM	GC{MS	GC{MS	--
4-Chloro-1,3-phenylenediamine	NAROM	GC{MS	GC{MS	--
4-Chloro-3-methylphenol c4-Chloro-m-cresold	PHEN	GC GC{MS	GC GC{MS	--
4-Chloroaniline	BNANH NAROM	GC{MS	GC{MS	--
4-Chlorocatechol	PHEN	GC GC{MS	GC GC{MS	--
4-Chloroguaiacol	PHEN	GC GC{MS	GC GC{MS	--
4-Chlorophenol	PHEN	GC GC{MS	GC GC{MS	--
4-Chlorophenyl phenyl ether	HALO	GC GC{MS	GC GC{MS	--
4-Chlorotoluene	VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3
4-Dimethylaminoazobenzene	BNANH	GC{MS	GC{MS	--

Analyte Groups (Continued)

Analyte	Class code	Technologies		Class
		Aqueous matrix	Non-aqueous matrix	Drinking Water matrix
4-Methyl-2-nitroaniline	EXPLO	GC{MS	--	--
4-Methyl-2-pentanone cMethyl isobutyl ketoned	VOC	GC GC{MS	GC GC{MS	--
4-Methyl-3-nitroaniline	EXPLO	GC{MS	--	--
4-Methylphenol cp-Cresold	PHEN	GC GC{MS	GC GC{MS	--
4-Nitroaniline	NAROM	GC{MS	GC{MS	--
4-Nitrobiphenyl	NAROM	GC{MS	GC{MS	--
4-Nitrophenol	APEST PHEN	GC GC{MS LC	GC GC{MS LC	--
4-Nitroquinoline 1-oxide	BNANH	GC{MS	GC{MS	--
4-Nitrotoluene	EXPLO	GC{MS LC	LC	--
5,5-Diphenylhydantoin	BNANH	GC{MS	GC{MS	--
5,6-Dichlorovanillin	PHEN	GC GC{MS	GC GC{MS	--
5-Chloro-2-methylaniline	NAROM	GC{MS	GC{MS	--
5-Chlorovanillin	PHEN	GC GC{MS	GC GC{MS	--
5-Hydroxydicamba	APEST	GC	GC	--
5-Methyl-2-nitroaniline	EXPLO	GC{MS	--	--
5-Nitroacenaphthene	NAROM	GC{MS	GC{MS	--
5-Nitro-o-anisidine	NAROM	GC{MS	GC{MS	--
5-Nitro-o-toluidine	NAROM	GC{MS	--	--
6-Chlorovanillin	PHEN	GC GC{MS	GC GC{MS	--
7,12-Dimethylbenzcad-anthracene	PAH	GC{MS	GC{MS	--
a,a-Dimethylphenethylamine	NAROM	GC{MS	GC{MS	--
Acenaphthene	PAH	GC GC{MS LC	GC GC{MS LC	--
Acenaphthylene	PAH	GC GC{MS LC	GC GC{MS LC	--
Acephate	OPEST	GC GC{MS	GC GC{MS	--
Acetaldehyde	ALDKE	LC	LC	--
Acetochlor	NPEST	GC GC{MS	GC GC{MS	--
Acetone	ALDKE VOC	GC GC{MS LC	GC GC{MS LC	--
Acetonitrile	VOC	GC GC{MS	GC GC{MS	--
Acetophenone	BNANH	GC{MS	GC{MS	--
Acidity as CaCO3	GC	Titration	--	--
Acifluorfen	APEST	GC GC{MS LC LC{MS	GC GC{MS LC LC{MS	--
Acrolein	BNANH VOC	GC GC{MS	GC GC{MS	--
Acrylamide	BNANH	GC{MS	GC{MS	--
Acrylonitrile	BNANH VOC	GC GC{MS	GC GC{MS	--
Alachlor	NPEST SOCN	GC GC{MS	GC GC{MS	EPA 505 EPA 507 EPA 508.1 EPA 525.2 EPA 525.3 EPA 551.1
Alachlor-ESA cAlachlor ethane sulfonic acidd	NPEST	LC{MS	LC{MS	--

Analyte Groups (Continued)

Analyte	Class code	Technologies		Class
		Aqueous matrix	Non-aqueous matrix	Drinking Water matrix
Aldicarb	CARB	LC LC{MS	LC LC{MS	EPA 531.1 EPA 531.2 SM 6610B
Aldicarb sulfone	CARB	LC LC{MS	LC LC{MS	EPA 531.1 EPA 531.2 SM 6610B
Aldicarb sulfoxide	CARB	LC LC{MS	LC LC{MS	EPA 531.1 EPA 531.2 SM 6610B
Aldrin	CPEST	GC GC{MS	GC GC{MS	EPA 505 EPA 508 EPA 508.1 EPA 525.2
Alkalinity	GC SCNM	Colorimetry Titration	--	ASTM D1067 cBd SM 2320B USGS I-1030-85
Allyl alcohol	VOC	GC GC{MS	GC GC{MS	--
Allyl chloride	VOC	GC GC{MS	GC GC{MS	--
alpha-BHC	CPEST	GC GC{MS	GC GC{MS	--
Aluminum	M	Colorimetry FLAA GFAA ICP ICP{MS	Colorimetry FLAA GFAA ICP ICP{MS	EPA 200.5 Axial EPA 200.7 EPA 200.8 EPA 200.9 SM 3111D SM 3113B SM 3120B
Ametryn	TPEST	GC GC{MS	GC GC{MS	--
Aminoazobenzene	BNANH	GC{MS	GC{MS	--
Aminocarb	CARB	LC{MS	LC{MS	--
Ammonia as N	GC	Colorimetry ISE Titration	Colorimetry ISE Titration	--
Anilazine	TPEST	GC GC{MS	GC GC{MS	--
Aniline	BNANH	GC{MS	GC{MS	--
Anthracene	PAH	GC GC{MS LC	GC GC{MS LC	--
Antimony	M	FLAA GFAA GHAA ICP ICP{MS	FLAA GFAA GHAA ICP ICP{MS	ASTM D3697 EPA 200.5 Axial EPA 200.8 EPA 200.9 SM 3113B
Aramite	BNANH	GC{MS	GC{MS	--
Arsenic	M	Colorimetry FLAA GFAA GHAA ICP ICP{MS	FLAA GFAA ICP ICP{MS	ASTM D2972 cBd ASTM D2972 cCd EPA 200.5 Axial EPA 200.8 EPA 200.9 SM 3113B SM 3114B
Aspon	NPEST	GC GC{MS	GC{MS LC{MS	--
Asulam	CARB	LC{MS	LC{MS	--
Atraton	TPEST	GC GC{MS	GC GC{MS	--

Analyte Groups (Continued)

Analyte	Class code	Technologies		Class
		Aqueous matrix	Non-aqueous matrix	Drinking Water matrix
Atrazine	TPEST	GC GC{MS	GC GC{MS	EPA 505 EPA 507 EPA 508.1 EPA 523 EPA 525.2 EPA 525.3 EPA 536 EPA 551.1 Syngenta AG-625
Azinphos ethyl	OPEST	GC GC{MS	GC GC{MS	--
Azinphos methyl cGuthiond	OPEST	GC GC{MS	GC GC{MS	--
Azobenzene	BNANH	GC GC{MS	GC GC{MS	--
Barban	CARB	GC GC{MS LC{MS	GC GC{MS LC{MS	--
Barium	M	FLAA GFAA ICP ICP{MS	FLAA GFAA ICP ICP{MS	EPA 200.5 Axial EPA 200.7 EPA 200.8 SM 3111D SM 3113B SM 3120B
Baygon cPropoxurd	CARB	LC LC{MS	LC LC{MS	--
Bendiocarb	CARB	LC LC{MS	LC LC{MS	--
Benfluralin	NPEST	GC GC{MS	GC GC{MS	--
Benomyl	CARB	LC LC{MS	LC LC{MS	--
Bentazon	NPEST APEST	GC GC{MS LC	GC GC{MS LC	--
Benzene	VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3
Benzidine	BENZ	GC GC{MS LC LC{MS	GC GC{MS LC LC{MS	--
Benzo[a]anthracene	PAH	GC GC{MS LC	GC GC{MS LC	--
Benzo[a]pyrene	PAH SOCM	GC GC{MS LC	GC GC{MS LC	EPA 525.2 EPA 525.3 EPA 550 EPA 550.1
Benzo[b]fluoranthene	PAH	GC GC{MS LC	GC GC{MS LC	--
Benzo[g,h,i]perylene	PAH	GC GC{MS LC	GC GC{MS LC	--
Benzo[k]fluoranthene	PAH	GC GC{MS LC	GC GC{MS LC	--
Benzoic acid	PHEN	GC{MS	GC{MS	--
Benzoylprop ethyl	NPEST	LC{MS	LC{MS	--
Benzyl alcohol	BNANH	GC{MS	GC{MS	--
Benzyl chloride	CHLH	GC GC{MS	GC GC{MS	--

Analyte Groups (Continued)

Analyte	Class code	Technologies		Class
		Aqueous matrix	Non-aqueous matrix	Drinking Water matrix
Beryllium	M	Colorimetry FLAA GFAA ICP ICP{MS	Colorimetry FLAA GFAA ICP ICP{MS	ASTM D3645 cBd EPA 200.5 Axial EPA 200.7 EPA 200.8 EPA 200.9 SM 3113B SM 3120B
beta-BHC cß-BHCd	CPEST	GC GC{MS	GC GC{MS	--
Biochemical Oxygen Demand cBODd	GC	5-day Assay	--	--
Biphenyl	BNANH	GC{MS	GC{MS	--
Bisc2-chloroethoxydmethane	HALO	GC GC{MS	GC GC{MS	--
Bisc2-chloroethyldether	HALO	GC GC{MS	GC GC{MS	--
Bisc2-chloroethyldsulfide	VOC	GC{MS	GC{MS	--
Bisc2-chloroisopropyldether	HALO	GC GC{MS	GC GC{MS	--
Bisc2-ethylhexyldphthalate, Dic2-ethylhexyldphthalate	PHTHL SOCM	GC GC{MS	GC GC{MS	EPA 506 EPA 525.2 EPA 525.3
Bismuth	M	FLAA GFAA ICP ICP{MS	FLAA GFAA ICP ICP{MS	--
Bolstar	OPEST	GC GC{MS	GC GC{MS	--
Boron	M	Colorimetry ICP ICP{MS	Colorimetry ICP ICP{MS	--
Bromacil	NPEST	GC GC{MS LC LC{MS	GC GC{MS LC LC{MS	--
Bromate	DBP	--	--	ASTM D 6581 EPA 300.1 EPA 302.0 EPA 317.0, Rev. 2.0 EPA 321.8 EPA 326.0 EPA 557
Bromide	GC DBP	IC Titration	IC Titration	ASTM D 6581 EPA 300.0 EPA 300.1 EPA 326.0 EPA 327.0, Rev. 1.1
Bromoacetone	VOC	GC GC{MS	GC GC{MS	--
Bromobenzene	VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3
Bromochloromethane	VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3
Bromodichloromethane	VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3 EPA 551.1
Bromoform	VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3 EPA 551.1
Bromomethane cMethyl bromided	VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3

Analyte Groups (Continued)

Analyte	Class code	Technologies		Class
		Aqueous matrix	Non-aqueous matrix	Drinking Water matrix
Bromoxynil cBrominald	APEST NPEST	GC{MS LC	GC{MS LC	--
Bromoxynil octanoate	NPEST	GC GC{MS	GC GC{MS	--
Busan 40	CARB	GC GC{MS	GC GC{MS	--
Busan 85	CARB	GC GC{MS	GC GC{MS	--
Butachlor	NPEST SOCN	GC GC{MS	GC GC{MS	EPA 507 EPA 508.1 EPA 525.2
Butanal	ALDKE	LC	LC	--
Butyl benzyl phthalate	PHTHL	GC GC{MS	GC GC{MS	--
Butylate	NPEST	GC GC{MS LC LC{MS	GC GC{MS LC LC{MS	--
Cadmium	M	Colorimetry FLAA GFAA ICP ICP{MS	Colorimetry FLAA GFAA ICP ICP{MS	EPA 200.5 Axial EPA 200.7 EPA 200.8 EPA 200.9 SM 3113B
Calcium	M	Colorimetry FLAA FP IC ICP ICP{MS	Colorimetry FLAA FP ICP ICP{MS	ASTM D511 cAd ASTM D511 cBd ASTM D6919 EPA 200.5 Axial EPA 200.7 SM 3111B SM 3120B SM 3500-Ca B SM 3500-Ca D
Captafol	CPEST	GC GC{MS	GC GC{MS	--
Captan	CPEST	GC GC{MS	GC GC{MS	--
Carbam-S	CARB	GC GC{MS	GC GC{MS	--
Carbaryl	CARB	GC GC{MS LC LC{MS	GC GC{MS LC LC{MS	EPA 531.1 EPA 531.2 SM 6610B
Carbazole	BNANH	GC{MS	GC{MS	--
Carbendazim	CARB	LC{MS	LC{MS	--
Carbofuran	CARB	GC GC{MS LC LC{MS	GC GC{MS LC LC{MS	EPA 531.1 EPA 531.2 SM 6610B
Carbon disulfide	VOC	GC GC{MS	GC GC{MS	--
Carbon tetrachloride	VOC	GC GC{MS	GC GC{MS	EPA 502.2® EPA 524.2® EPA 524.3® EPA 551.1®
Carbonaceous Biological Oxygen Demand ccBODd	GC	5-day Assay	--	--
Carbophenothion	OPEST	GC GC{MS	GC GC{MS	--
Carbosulfan	CARB	LC{MS	LC{MS	--
Ceriodaphnia dubia	AT CT	Acute Toxicity Assay Chronic Toxicity Assay	--	--
Chemical Oxygen Demand cCODd	GC	Colorimetry Titration	Titration	--

Analyte Groups (Continued)

Analyte	Class code	Technologies		Class
		Aqueous matrix	Non-aqueous matrix	Drinking Water matrix
Chloramben	APEST	GC LC LC{MS	GC LC LC{MS	--
Chlorate	DBP	--	--	EPA 300.1
Chlordane calphad	CPEST	GC GC{MS	GC GC{MS	--
Chlordane cgammad	CPEST	GC GC{MS	GC GC{MS	--
Chlordane cTechnicald	CPEST	GC GC{MS	GC GC{MS	EPA 505 EPA 508 EPA 508.1 EPA 525.2 EPA 525.3
Chlorfenvinphos	OPEST	GC GC{MS	GC GC{MS	--
Chloride	GC SCNM	Colorimetry IC ISE Titration	Colorimetry IC ISE Titration	ASTM D4327 ASTM D512 cBd ASTM D6508, Rev. 2 EPA 300.0 EPA 300.1 SM 4110B SM 4500-Cl- B SM 4500-Cl- D
Chlorine dioxide	DBP	--	--	EPA 327.0, Rev.1 SM 4500-ClO2 C SM 4500-ClO2 D SM 4500-ClO2 E
Chlorine, Free Residual	SCNM	--	--	SM 4500-Cl D SM 4500-Cl F SM 4500-Cl G SM 4500-Cl H
Chlorine, Total Residual cTRCd	SCNM	--	--	SM 4500-Cl D SM 4500-Cl E SM 4500-Cl F SM 4500-Cl G SM 4500-Cl I
Chlorine, Combined	SCNM	--	--	ASTM D1253 SM 4500-Cl D SM 4500-Cl F SM 4500-Cl G
Chlorine, Free	SCNM	--	--	ASTM D1253 Chlorosense EPA 334.0 SM 4500-Cl D SM 4500-Cl F SM 4500-Cl G SM 4500-Cl H
Chlorine, Total Residual cTRCd Chlorine, Total	SCNM	Colorimetry ISE Titration	--	ASTM D1253 Chlorosense EPA 334.0 SM 4500-Cl D SM 4500-Cl E SM 4500-Cl F SM 4500-Cl G SM 4500-Cl I
Chlorite	SCNM	--	--	ASTM D 6581 EPA 300.0 EPA 300.1 EPA 317.0, Rev. 2.0 EPA 326.0 EPA 327.0, Rev. 1.1 SM 4500-ClO2 E
Chlorobenzene	VOC	GC GC{MS	GC GC{MS	EPA 502.2® EPA 524.2® EPA 524.3®

Analyte Groups (Continued)

Analyte	Class code	Technologies		Class
		Aqueous matrix	Non-aqueous matrix	Drinking Water matrix
Chlorobenzilate	CHLH	GC{MS	GC{MS	--
Chloroethane	VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3
Chloroform	VOC	GC GC{MS	GC GC{MS	EPA 502.2® EPA 524.2® EPA 524.3® EPA 551.1®
Chloromethane cMethyl chlorided	VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3
Chloromethyl methyl ether	VOC	GC GC{MS	GC GC{MS	--
Chloroneb	CPEST	GC	GC	--
Chlorophyll	GC	Colorimetry	--	--
Chloroprene	VOC	GC GC{MS	GC GC{MS	--
Chloropropham	CARB	LC{MS	LC{MS	--
Chlorothalonil	NPEST	GC GC{MS	GC GC{MS	--
Chloroxuron	CARB	LC{MS	LC{MS	--
Chlorpyrifos	OPEST	GC GC{MS	GC GC{MS	--
Chlorpyrifos methyl	OPEST	GC GC{MS	GC GC{MS	--
Chlorthal cDacthal di-acid, DCPA di-acidd	APEST	GC GC{MS LC	GC GC{MS LC	--
Chromium, Hexavalent	M	Colorimetry FLAA IC	Colorimetry FLAA IC	--
Chromium, Total	M	Colorimetry FLAA GFAA ICP ICP{MS	Colorimetry FLAA GFAA ICP ICP{MS	EPA 200.5 Axial EPA 200.7 EPA 200.8 EPA 200.9 SM 3113B SM 3120B
Chrysene	PAH	GC GC{MS LC	GC GC{MS LC	--
Clopyralid	APEST	GC GC{MS LC	GC GC{MS LC	--
Cobalt	M	FLAA GFAA ICP ICP{MS	FLAA GFAA ICP ICP{MS	--
Copper	M	Colorimetry FLAA GFAA ICP ICP{MS	Colorimetry FLAA GFAA ICP ICP{MS	ASTM D1688 cAd ASTM D1688 cCd EPA 200.5 Axial EPA 200.7 EPA 200.8 EPA 200.9 SM 3111B SM 3113B SM 3120B
Corrosivity	WC	--	pH Steel abrasion	--
Coumaphos	OPEST	GC GC{MS	GC GC{MS	--
Crotonaldehyde	ALDKE VOC	GC GC{MS LC	GC GC{MS LC	--
Crotoxyphos	OPEST	GC GC{MS	GC GC{MS	--

Analyte Groups (Continued)

Analyte	Class code	Technologies		Class
		Aqueous matrix	Non-aqueous matrix	Drinking Water matrix
Cyanazine	TPEST	GC GC{MS	GC GC{MS	--
Cyanide cas free Cyanided	PICNM	--	--	ALPKEM OIA-77 ASTM D2036 cAd ASTM D2036 cBd ASTM D6888 EPA 335.4 Kelada Kelada 01 ME355.01 QuikChem 10-204-00-1-X SM 4500-CN- C,E SM 4500-CN- C,F USGS I-3300-85
Cyanide, Amenable	GC	--	--	SM 4500-CN- C,G
Cyanide, Available	GC	Colorimetry FIA-Diff.-Amp. Titration	Colorimetry Titration	--
Cyanide, Total	GC	Colorimetry FIA-Diff.-Amp. ISE Titration	Colorimetry ISE Titration	--
Cyclohexanone	ALDKE	LC	LC	--
Dalapon	APEST	GC GC{MS LC LC{MS	GC GC{MS LC LC{MS	EPA 515.1 EPA 515.3 EPA 515.4 EPA 552.1 EPA 552.2 EPA 552.3 EPA 557 SM 6640B
Dazomet	CARB	GC GC{MS	GC GC{MS	--
Decanal	ALDKE	LC	LC	--
Deethylatrazine	TPEST	GC GC{MS	GC GC{MS	--
DEF cButifosd	OPEST	GC GC{MS	GC GC{MS	--
Deisopropylatrazine	TPEST	GC GC{MS	GC GC{MS	--
delta-BHC	CPEST	GC GC{MS	GC GC{MS	--
Demeton-O	OPEST	GC GC{MS	GC GC{MS	--
Demeton-S	OPEST	GC GC{MS	GC GC{MS	--
Dic2-ethylhexyldadipate	SOCM	--	--	EPA 506 EPA 525.2 EPA 525.3
Diallate ccis or transd	CARB	GC GC{MS	GC GC{MS	--
Diaminoatrazine	TPEST	GC GC{MS	GC GC{MS	--
Diazinon	OPEST	GC GC{MS	GC GC{MS	--
Dibenzca,jdacridine	PAH	GC{MS	GC{MS	--
Dibenzo[a,e]pyrene	PAH	GC{MS	GC{MS	--
Dibenzo[a,h]anthracene	PAH	GC GC{MS LC	GC GC{MS LC	--
Dibenzofuran	BNANH	GC{MS	GC{MS	--
Dibromochloromethane	VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3 EPA 551.1

Analyte Groups (Continued)

Analyte	Class code	Technologies		Class
		Aqueous matrix	Non-aqueous matrix	Drinking Water matrix
Dibromomethane cMethylene bromided	VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3
Dicamba	APEST	GC GC{MS LC LC{MS	GC GC{MS LC LC{MS	EPA 515.1 EPA 515.2 EPA 515.3 EPA 515.4 EPA 555
Dichlofenthion	OPEST	GC GC{MS	GC GC{MS	--
Dichlone	CPEST	GC GC{MS	GC GC{MS	--
Dichlorodifluoromethane	VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3
Dichlorprop c2,4-DPd	APEST	GC GC{MS LC LC{MS	GC GC{MS LC LC{MS	--
Dichlorprop salts and esters	APEST	GC LC LC{MS	GC LC LC{MS	--
Dichlorvos cDDVPd	OPEST	GC GC{MS LC LC{MS	GC GC{MS LC LC{MS	--
Diclofop	APEST	GC GC{MS LC	GC GC{MS LC	--
Dicrotophos	OPEST	GC GC{MS	GC GC{MS	--
Dieldrin	CPEST	GC GC{MS	GC GC{MS	EPA 505 EPA 508 EPA 508.1 EPA 525.2
Diethyl ether cEthyl etherd	VOC	GC GC{MS	GC GC{MS	--
Diethyl phthalate	PHTHL	GC GC{MS	GC GC{MS	--
Diethyl sulfate	BNANH	GC{MS	GC{MS	--
Diethylstilbestrol	BNANH	GC{MS	GC{MS	--
Dihydrosaffrole	BNANH	GC{MS	GC{MS	--
Diisopropyl ether	VOC	GC{MS	GC{MS	--
Dimethenamid	NPEST	GC GC{MS	GC GC{MS	--
Dimethoate	OPEST	GC GC{MS LC LC{MS	GC GC{MS LC LC{MS	--
Dimethyl phthalate	PHTHL	GC GC{MS	GC GC{MS	--
Di-n-butyl phthalate	PHTHL	GC GC{MS	GC GC{MS	--
Di-n-octyl phthalate	PHTHL	GC GC{MS	GC GC{MS	--
Dinoseb c2-sec-butyl-4,6-Dinitrophenold	APEST PHEN	GC GC{MS LC LC{MS	GC GC{MS LC LC{MS	EPA 515.1 EPA 515.2 EPA 515.3 EPA 515.4 EPA 555 SM 6640B
Dioxacarb	CARB	LC	LC	--
Dioxathion	OPEST	GC GC{MS	GC GC{MS	--
Diphenylamine	BNANH	GC{MS	GC{MS	--

Analyte Groups (Continued)

Analyte	Class code	Technologies		Class
		Aqueous matrix	Non-aqueous matrix	Drinking Water matrix
Diquat	PEST SOCM	LC	LC	EPA 549.2
Disulfoton	OPEST	GC GC{MS LC LC{MS	GC GC{MS LC LC{MS	--
Diuron	CARB	LC LC{MS	LC LC{MS	--
Endosulfan I	CPEST	GC GC{MS	GC GC{MS	--
Endosulfan II	CPEST	GC GC{MS	GC GC{MS	--
Endosulfan sulfate	CPEST	GC GC{MS	GC GC{MS	--
Endothall	PEST SOCM	LC	LC	EPA 548.1
Endrin	CPEST	GC GC{MS	GC GC{MS	EPA 505 EPA 508 EPA 508.1 EPA 525.2 EPA 525.3 EPA 551.1
Endrin aldehyde	CPEST	GC GC{MS	GC GC{MS	--
Endrin ketone	CPEST	GC GC{MS	GC GC{MS	--
Epichlorohydrin	VOC	GC GC{MS	GC GC{MS	--
EPN	OPEST	GC GC{MS	GC GC{MS	--
EPTC cEptamd	CARB	GC GC{MS LC{MS	GC GC{MS LC{MS	--
EPTOX Extraction	WE	--	Leach Test	--
Ethalfluralin	NPEST	GC GC{MS	GC GC{MS	--
Ethanol	VOC	GC GC{MS	GC GC{MS	--
Ethion	OPEST	GC GC{MS	GC GC{MS	--
Ethoprop	OPEST	GC GC{MS	GC GC{MS	--
Ethyl acetate	VOC	GC GC{MS	GC GC{MS	--
Ethyl carbamate	CARB	GC GC{MS	GC GC{MS	--
Ethyl methacrylate	VOC	GC GC{MS	GC GC{MS	--
Ethyl methanesulfonate	BNANH	GC{MS	GC{MS	--
Ethylbenzene	VOC	GC GC{MS	GC GC{MS	EPA 502.2® EPA 524.2® EPA 524.3®
Ethylene dibromide cEDBd	PEST SOCM	--	--	EPA 504.1 EPA 524.3 EPA 551.1
Ethylene glycol	VOC	GC GC{MS	GC GC{MS	--
Ethylene oxide	VOC	GC GC{MS	GC GC{MS	--
Famphur	OPEST	GC GC{MS LC LC{MS	GC GC{MS LC LC{MS	--
Fenarimol	NPEST	GC GC{MS	GC GC{MS	--

Analyte Groups (Continued)

Analyte	Class code	Technologies		Class
		Aqueous matrix	Non-aqueous matrix	Drinking Water matrix
Fenitrothion	OPEST	GC GC{MS	GC GC{MS	--
Fensulfothion	OPEST	GC GC{MS LC LC{MS	GC GC{MS LC LC{MS	--
Fenthion	OPEST	GC GC{MS	GC GC{MS	--
Fenuron	CARB	LC LC{MS	LC LC{MS	--
Fenuron-TCA	CARB	LC{MS	LC{MS	--
Fenvalerate	PEST	LC	LC	--
Fluchloralin	BNANH	GC{MS	GC{MS	--
Fluometuron	CARB	LC LC{MS	LC LC{MS	--
Fluoranthene	PAH	GC GC{MS LC	GC GC{MS LC	--
Fluorene	PAH	GC GC{MS LC	GC GC{MS LC	--
Fluoride	GC	Colorimetry IC ISE	Colorimetry IC ISE	ASTM D1179 cBd ASTM D4327 ASTM D6508, Rev. 2 EPA 300.0 EPA 300.1 HACH Method 10225 SM 4110B SM 4500-F- B, D SM 4500-F- C SM 4500-F- E Technicon 129-71W Technicon 380-75WE
Fonofos	OPEST	GC GC{MS	GC GC{MS	--
Formaldehyde	ALDKE	LC	LC	--
Glyphosate	PEST SOCM	LC	LC	EPA 547 SM 6651B
Gold	M	FLAA GFAA ICP ICP{MS	FLAA GFAA ICP ICP{MS	--
Hardness, Total as CaCO3	GC	Colorimetry Titration FLAA ICP	--	--
Heptachlor	CPEST	GC GC{MS	GC GC{MS	EPA 505 EPA 508 EPA 508.1 EPA 525.2 EPA 525.3 EPA 551.1
Heptachlor epoxide	CPEST	GC GC{MS	GC GC{MS	EPA 505 EPA 508 EPA 508.1 EPA 525.2 EPA 525.3 EPA 551.1
Heptanal	ALDKE	LC	LC	--
Hexachlorobenzene	CHLH	GC GC{MS	GC GC{MS	EPA 505 EPA 508 EPA 508.1 EPA 525.2 EPA 525.3 EPA 551.1

Analyte Groups (Continued)

Analyte	Class code	Technologies		Class
		Aqueous matrix	Non-aqueous matrix	Drinking Water matrix
Hexachlorobutadiene	CHLH VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3
Hexachlorocyclopentadiene	CHLH	GC GC{MS	GC GC{MS	EPA 505 EPA 508 EPA 508.1 EPA 525.2 EPA 525.3 EPA 551.1
Hexachloroethane	CHLH VOC	GC GC{MS	GC GC{MS	--
Hexachlorophene	CHLH	GC{MS	GC{MS	--
Hexachloropropene	CHLH	GC{MS	GC{MS	--
Hexamethylphosphoramide	OPEST	GC GC{MS	GC GC{MS	--
Hexanal	ALDKE	LC	LC	--
Hexane, n-	VOC	GC{MS	GC{MS	--
Hexazinone	NPEST	GC GC{MS	GC GC{MS	--
HMX	EXPLO	LC	LC	--
Hydroquinone	BNANH	GC{MS	GC{MS	--
Ignitability	WC	--	Pensky-Martens Closed Cup Setaflash Closed Cup Small Scale Closed Cup	--
Indenoc1,2,3-cddpyrene	PAH	GC GC{MS LC	GC GC{MS LC	--
Iodomethane cMethyl iodided	VOC	GC GC{MS	GC GC{MS	--
Iridium	M	FLAA GFAA ICP ICP{MS	FLAA GFAA ICP ICP{MS	--
Iron	M	Colorimetry FLAA GFAA ICP ICP{MS	Colorimetry FLAA GFAA ICP ICP{MS	EPA 200.5 Axial EPA 200.7 EPA 200.9 SM 3111B SM 3113B SM 3120B
Isobutyl alcohol c2-Methyl-1-propanold	VOC	GC GC{MS	GC GC{MS	--
Isodrin	CPEST	GC GC{MS	GC GC{MS	--
Isophorone	NAROM	GC GC{MS	GC GC{MS	--
Isopropalin	NPEST	GC GC{MS	GC GC{MS	--
Isopropyl alcohol c2-Propanold	VOC	GC GC{MS	GC GC{MS	--
Isopropylbenzene	VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3
Isosafrole	BNANH	GC{MS	GC{MS	--
Isovaleraldehyde	ALDKE	LC	LC	--
Kepone	CPEST	GC GC{MS	GC GC{MS	--
Kjeldahl Nitrogen, Total cTKNd	GC	Colorimetry ISE Titration	Colorimetry ISE Titration	--
KN Methyl	CARB	GC GC{MS	GC GC{MS	--

Analyte Groups (Continued)

Analyte	Class code	Technologies		Class
		Aqueous matrix	Non-aqueous matrix	Drinking Water matrix
Lead	M	Colorimetry FLAA GFAA ICP ICP{MS	Colorimetry FLAA GFAA ICP ICP{MS	ASTM D3559 cDd EPA 200.5 Axial EPA 200.8 EPA 200.9 Palintest 1011 SM 3113B
Leptophos	OPEST	GC GC{MS	GC GC{MS	--
Lindane cgamma-BHCd	CPEST	GC GC{MS	GC GC{MS	EPA 505 EPA 508 EPA 508.1 EPA 525.2 EPA 525.3 EPA 551.1
Linuron	CARB	LC LC{MS	LC LC{MS	--
Lithium	M	FLAA GFAA ICP ICP{MS	FLAA GFAA ICP ICP{MS	--
Magnesium	M	FLAA FP ICP ICP{MS	FLAA FP ICP ICP{MS	ASTM D511 cAd ASTM D511 cBd ASTM D6919 EPA 200.5 Axial EPA 200.7 SM 3111B SM 3120B SM 3500-Mg B
Malathion	OPEST	GC GC{MS	GC GC{MS	--
Maleic anhydride	BNANH	GC{MS	GC{MS	--
Malononitrile	VOC	GC GC{MS	GC GC{MS	--
Manganese	M	Colorimetry FLAA GFAA ICP ICP{MS	Colorimetry FLAA GFAA ICP ICP{MS	EPA 200.5 Axial EPA 200.7 EPA 200.8 EPA 200.9 SM 3111B SM 3113B SM 3120B
MCPA	APEST	GC GC{MS LC LC{MS	GC GC{MS LC LC{MS	--
MCPB	APEST	GC GC{MS LC	GC GC{MS LC	--
MCPP cMecopropd	APEST	GC GC{MS LC LC{MS	GC GC{MS LC LC{MS	--
m-Cumenyl methylcarbamate	CARB	LC LC{MS	LC LC{MS	--
Mercury	M	CVAA CVAFS LC ICP{MS TDAA	CVAA CVAFS LC ICP{MS TDAA	ASTM D3223 EPA 200.8 EPA 245.1 EPA 245.2 SM 3112B
Mercury, Organo-	M	LC	LC	--
Mercury, Trace Level	M	CVAFS LC ICP{MS TDAA	CVAFS LC ICP{MS TDAA	--

Analyte Groups (Continued)

Analyte	Class code	Technologies		Class
		Aqueous matrix	Non-aqueous matrix	Drinking Water matrix
Merphos	OPEST	GC GC{MS LC LC{MS	GC GC{MS LC LC{MS	--
Mestranol	BNANH	GC{MS	GC{MS	--
Methacrylonitrile	VOC	GC GC{MS	GC GC{MS	--
Methamidophos	OPEST	GC GC{MS	GC GC{MS	--
Methanol	VOC	GC GC{MS	GC GC{MS	--
Methapyrilene	BNANH	GC{MS	GC{MS	--
Methiocarb	CARB	LC LC{MS	LC LC{MS	--
Methomyl	CARB	LC LC{MS	LC LC{MS	EPA 531.1 EPA 531.2 SM 6610B
Methoxychlor	CPEST	GC GC{MS	GC GC{MS	EPA 505 EPA 508 EPA 508.1 EPA 525.2 EPA 525.3 EPA 551.1
Methyl acrylate	VOC	GC GC{MS	GC GC{MS	--
Methyl ethyl ketone cMEK, 2-Butanoned	VOC	GC GC{MS	GC GC{MS	--
Methyl methacrylate	VOC	GC GC{MS	GC GC{MS	--
Methyl methanesulfonate	BNANH	GC{MS	GC{MS	--
Methyl tert-butyl ether cMtBEd	VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3
Methylene chloride	VOC	GC GC{MS	GC GC{MS	EPA 502.2® EPA 524.2® EPA 524.3®
Metolachlor	NPEST SOCN	GC GC{MS	GC GC{MS	EPA 507 EPA 508.1 EPA 525.2 EPA 551.1
Metolcarb	CARB	LC LC{MS	LC LC{MS	--
Metribuzin	NPEST SOCN	GC GC{MS	GC GC{MS	EPA 507 EPA 508.1 EPA 525.2 EPA 551.1
Mevinphos	OPEST	GC GC{MS	GC GC{MS	--
Mexacarbate	CARB	GC GC{MS LC LC{MS	GC GC{MS LC LC{MS	--
Mirex	CPEST	GC GC{MS	GC GC{MS	--
Molinate	CARB	LC LC{MS	LC LC{MS	--
Molybdenum	M	FLAA GFAA ICP ICP{MS	FLAA GFAA ICP ICP{MS	--
Monocrotophos	OPEST	GC GC{MS LC LC{MS	GC GC{MS LC LC{MS	--

Analyte Groups (Continued)

		Technologies		Class
Analyte	**Class code**	**Aqueous matrix**	**Non-aqueous matrix**	**Drinking Water matrix**
Monuron	CARB	LC LC{MS	LC LC{MS	--
Monuron-TCA	CARB	LC{MS	LC{MS	--
m-Tolualdehyde	ALDKE	LC	LC	--
m-Xylene	VOC	GC GC{MS	GC GC{MS	--
Nabam	CARB	GC GC{MS	GC GC{MS	--
Nabonate	CARB	GC GC{MS	GC GC{MS	--
Naled	OPEST	GC GC{MS LC LC{MS	GC GC{MS LC LC{MS	--
Naphthalene	PAH VOC	GC GC{MS LC	GC GC{MS LC	EPA 502.2 EPA 524.2 EPA 524.3
Napropamide	NPEST	GC GC{MS	GC GC{MS	--
n-Butyl alcohol c1-Butanold	VOC	GC GC{MS	GC GC{MS	--
n-Butylbenzene	VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3
Neburon	CARB	LC{MS	LC{MS	--
Nickel	M	Colorimetry FLAA GFAA ICP ICP{MS	Colorimetry FLAA GFAA ICP ICP{MS	EPA 200.5 Axial EPA 200.7 EPA 200.8 EPA 200.9 SM 3111B SM 3113B SM 3120B
Nicotine	BNANH	GC{MS	GC{MS	--
Nitrate	GC PICNM	Colorimetry IC ISE	Colorimetry IC ISE	ASTM D3867 cAd ASTM D3867 cBd ASTM D4327 ASTM D6508, Rev. 2 EPA 300.0 EPA 300.1 EPA 353.2 Hach Method 10206 Orion 601 SM 4110B SM 4500-NO3- D SM 4500-NO3- E SM 4500-NO3- F Systea Easy Waters B-1011
Nitrate + Nitrite	GC PICNM	Colorimetry IC	Colorimetry IC	ASTM D3867 cAd ASTM D3867 cBd ASTM D4327 ASTM D6508, Rev. 2 EPA 300.0 EPA 300.1 EPA 353.2 SM 4110B SM 4500-NO3- D SM 4500-NO3- E SM 4500-NO3- F Waters B-1011

Analyte Groups (Continued)

Analyte	Class code	Technologies		Class
		Aqueous matrix	Non-aqueous matrix	Drinking Water matrix
Nitrite	GC PICNM	Colorimetry IC	Colorimetry IC	ASTM D3867 cAd ASTM D3867 cBd ASTM D4327 ASTM D6508, Rev. 2 EPA 300.0 EPA 300.1 EPA 353.2 SM 4110B SM 4500-NO2- B SM 4500-NO3- E SM 4500-NO3- F Systea Easy Waters B-1011
Nitrobenzene	EXPLO NAROM	GC GC{MS LC	GC GC{MS LC	--
Nitrofen	BNANH	GC{MS	GC{MS	--
Nitroglycerin	EXPLO	LC	LC	--
N-Nitrosodiethylamine	NSAMI	GC GC{MS	GC GC{MS	--
N-Nitrosodimethylamine	NSAMI	GC GC{MS	GC GC{MS	--
N-Nitrosodi-n-butylamine	NSAMI	GC GC{MS	GC GC{MS	--
N-Nitrosodi-n-propylamine	NSAMI	GC GC{MS	GC GC{MS	--
N-Nitrosodiphenylamine	NSAMI	GC GC{MS	GC GC{MS	--
N-Nitrosomethylethylamine	NSAMI	GC GC{MS	GC GC{MS	--
N-Nitrosomorpholine	NSAMI	GC GC{MS	GC GC{MS	--
N-Nitrosopiperidine	NSAMI	GC GC{MS	GC GC{MS	--
N-Nitrosopyrrolidine	NSAMI	GC GC{MS	GC GC{MS	--
Nonanal	ALDKE	LC	LC	--
Norflurazon	NPEST	GC GC{MS	GC GC{MS	--
n-Propylamine	VOC	GC{MS	GC{MS	--
n-Propylbenzene	VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3
O,O,O-Triethyl phosphorothioate	BNANH	GC{MS	GC{MS	--
o-Anisidine	BNANH	GC{MS	GC{MS	--
o-Chlorophenyl thiourea	CARB	LC{MS	LC{MS	--
Octamethyl pyrophosphoramide	BNANH	GC{MS	GC{MS	--
Octanal	ALDKE	LC	LC	--
Oil & Grease, as Hexane Extractable Material cHEMd	GC	Extraction{ Gravimetry	--	--
Organic Carbon, Dissolved cDOCd	SCNM	--	--	EPA 415.3 SM 5310B SM 5310C SM 5310D
Organic Carbon, Total cTOCd	GC SCNM	NonDispersive IR Microcoulometry	NonDispersive IR Microcoulometry	EPA 415.3 SM 5310B SM 5310C SM 5310D
Organic Halides, cTotal-TOX and Adsorbable-AOXd	GC	NonDispersive IR Microcoulometry	NonDispersive IR Microcoulometry	--

Analyte Groups (Continued)

Analyte	Class code	Technologies		Class
		Aqueous matrix	Non-aqueous matrix	Drinking Water matrix
Orthophosphate	GC SCNM	Colorimetry IC	Colorimetry IC	ASTM D4327 ASTM D515 cAd ASTM D6508, Rev. 2 EPA 300.0 EPA 300.1 EPA 365.1 SM 4110B SM 4500-P E SM 4500-P F USGS I-1601-85 USGS I-2598-85 USGS I-2601-90
Osmium	M	FLAA GFAA ICP ICP{MS	FLAA GFAA ICP ICP{MS	--
o-Tolualdehyde	ALDKE	LC	LC	--
o-Toluidine	BNANH VOC	GC{MS	GC{MS	--
Oxamyl cVydated	CARB	LC LC{MS	LC LC{MS	EPA 531.1 EPA 531.2 SM 6610B
Oxygen, Dissolved	GC	ISE	--	--
o-Xylene	VOC	GC GC{MS	GC GC{MS	--
Ozone	DBP	--	--	SM 4500-O3 B
Palladium	M	FLAA GFAA ICP ICP{MS	FLAA GFAA ICP ICP{MS	--
Paraldehyde	VOC	GC GC{MS	GC GC{MS	--
Paraquat	PEST	LC	LC	--
Parathion cParathion ethyld	OPEST	GC GC{MS	GC GC{MS	--
Parathion methyl	OPEST	GC GC{MS LC LC{MS	GC GC{MS LC LC{MS	--
p-Benzoquinone	BNANH	GC{MS	GC{MS	--
PCBs cas Aroclorsd Screening	SOCM	--	--	EPA 505 EPA 508 EPA 508.1 EPA 525.2 EPA 525.3
PCBs cas Decachlorobiphenyld	SOCM			EPA 508A
p-Cresidine	BNANH	GC{MS	GC{MS	--
Pebulate	CARB	LC{MS	LC{MS	--
Pendimethalin	NPEST	GC GC{MS	GC GC{MS	--
Pentachlorobenzene	CHLH	GC GC{MS	GC GC{MS	--
Pentachloroethane	CHLH VOC	GC{MS	GC{MS	--
Pentachloronitrobenzene cPCNBd	CPEST NAROM	GC GC{MS	GC GC{MS	--
Pentachlorophenol	APEST PHEN	GC GC{MS LC	GC GC{MS LC	ASTM D5317 EPA 515.1 EPA 515.2 EPA 515.3 EPA 515.4 EPA 525.2 EPA 525.3 EPA 555 SM 6640B

Analyte Groups (Continued)

Analyte	Class code	Technologies		Class
		Aqueous matrix	Non-aqueous matrix	Drinking Water matrix
Pentanal cValeraldehyded	ALDKE	LC	LC	--
Moisture Content	GC	--	Karl Fischer	--
Percent Solids	GC	--	Gravimetry	--
Permethrin	PEST	GC	GC	--
Perthane	CPEST	GC	GC	--
PETN cPentaerythritol tetranitrated	EXPLO	LC	LC	--
pH	GC SCNM	ISE	ISE	ASTM D1293 EPA 150.1 EPA 150.2 SM 4500-H+ B
Phenacetin	BNANH	GC{MS	GC{MS	--
Phenanthrene	PAH	GC GC{MS LC	GC GC{MS LC	--
Phenobarbital	BNANH	GC{MS	GC{MS	--
Phenol	PHEN	GC GC{MS	GC GC{MS	--
Phenolics, Total	GC	Colorimetry	Colorimetry	--
Phorate	OPEST	GC GC{MS LC LC{MS	GC GC{MS LC LC{MS	--
Phosalone	OPEST	GC GC{MS	GC GC{MS	--
Phosmet cImidand	OPEST	GC GC{MS	GC GC{MS	--
Phosphamidon	OPEST	GC GC{MS	GC GC{MS	--
Phosphorus, Total	GC	Colorimetry	Colorimetry ICP	--
Phthalic anhydride	BNANH	GC{MS	GC{MS	--
Picloram	APEST	GC GC{MS LC LC{MS	GC GC{MS LC LC{MS	ASTM D5317 EPA 515.1 EPA 515.2 EPA 515.3 EPA 515.4 EPA 555 SM 6640B
Picric acid cTrinitrophenold	EXPLO	LC	LC	--
Pimephales promelas	AT CT	Acute Toxicity Assay Chronic Toxicity Assay	--	--
Piperonyl sulfoxide	BNANH	GC{MS	GC{MS	--
p-Isopropyltoluene c4-Isopropyltoluened	VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3
Platinum	M	FLAA GFAA ICP ICP{MS	FLAA GFAA ICP ICP{MS	--
Potassium	M	FLAA FP ICP ICP{MS	FLAA FP ICP ICP{MS	--
Promecarb	CARB	LC LC{MS	LC LC{MS	--
Prometon	TPEST	GC GC{MS	GC GC{MS	--
Prometryn	TPEST	GC GC{MS	GC GC{MS	--
Pronamide	NPEST	GC GC{MS	GC GC{MS	--

Analyte Groups (Continued)

Analyte	Class code	Technologies		Class
		Aqueous matrix	Non-aqueous matrix	Drinking Water matrix
Propachlor	NPEST SOCN	GC GC{MS LC{MS	GC GC{MS LC{MS	EPA 507 EPA 508.1 EPA 525.2
Propanal cPropionaldehyded	ALDKE	LC	LC	--
Propanil	CARB	LC	LC	--
Propanil	NPEST	GC GC{MS	GC GC{MS	--
Propargyl alcohol	VOC	GC GC{MS	GC GC{MS	--
Propazine	TPEST	GC GC{MS	GC GC{MS	--
Propham	CARB	LC LC{MS	LC LC{MS	--
Propionitrile cEthyl cyanided	VOC	GC GC{MS	GC GC{MS	--
Propylene glycol	VOC	GC{MS	GC{MS	--
Propylthiouracil	BNANH	GC{MS	GC{MS	--
Prosulfocarb	CARB	LC{MS	LC{MS	--
p-Tolualdehyde	ALDKE	LC	LC	--
p-Xylene	VOC	GC GC{MS	GC GC{MS	--
Pyrene	PAH	GC GC{MS LC	GC GC{MS LC	--
Pyrethrin I	PEST	LC	LC	--
Pyrethrin II	PEST	LC	LC	--
Pyridine	BNANH VOC	GC{MS	GC{MS	--
Qualitative FID Fingerprint	SSCAN	GC	GC	--
RDX	EXPLO	LC	LC	--
Reagent Water Shake Extraction cASTM Leach Testd	WE	--	Leach Test	--
Residue, Filterable cTDSd	GC SCNM	Gravimetry	--	SM 2540C
Residue, Nonfilterable cTSSd	GC	Gravimetry	--	--
Residue, Settleable	GC	Gravimetry	--	--
Residue, Total	GC	Gravimetry	Gravimetry	--
Residue, Volatile cTVSd	GC	Gravimetry	Gravimetry	--
Residue, Volatile, Nonfilterable cTVSSd	GC	Gravimetry	--	--
Resorcinol	BNANH	GC{MS	GC{MS	--
Rhodium	M	FLAA GFAA ICP ICP{MS	FLAA GFAA ICP ICP{MS	--
Ronnel	OPEST	GC GC{MS	GC GC{MS	--
Rotenone	PEST	LC{MS	LC{MS	--
Ruthenium	M	FLAA GFAA ICP ICP{MS	FLAA GFAA ICP ICP{MS	--
Safrole	BNANH	GC{MS	GC{MS	--
Secbumeton	NPEST	LC	LC	--
sec-Butylbenzene	VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3
Selenastrum capricornutum	CT	Chronic Toxicity	--	--
Selenium	M	GFAA GHAA ICP ICP{MS	GFAA GHAA ICP ICP{MS	ASTM D3859 cAd ASTM D3859 cBd EPA 200.5 Axial EPA 200.8 EPA 200.9 SM 3113B SM 3114B

Analyte Groups (Continued)

Analyte	Class code	Technologies		Class
		Aqueous matrix	Non-aqueous matrix	Drinking Water matrix
Siduron	CARB	LC LC{MS	LC LC{MS	--
Silica	GC	Colorimetry ICP	--	ASTM D859 EPA 200.5 Axial EPA 200.7 SM 3120B SM 4500-Si D SM 4500-Si E SM 4500-Si F SM 4500-SiO2 C SM 4500-SiO2 D SM 4500-SiO2 E USGS I-1700-85 USGS I-2700-85
Silicon	M	Colorimetry ICP ICP{MS	ICP ICP{MS	--
Silver	M	FLAA GFAA ICP ICP{MS	FLAA GFAA ICP ICP{MS	EPA 200.5 Axial EPA 200.7 EPA 200.8 EPA 200.9 SM 3111B SM 3113B SM 3120B USGS I-3720-85
Silvex c2,4,5-TPd	APEST	GC GC{MS LC LC{MS	GC GC{MS LC LC{MS	ASTM D5317 EPA 515.1 EPA 515.2 EPA 515.3 EPA 515.4 EPA 555 SM 6640B
Simazine	TPEST	GC GC{MS	GC GC{MS	EPA 505 EPA 507 EPA 508.1 EPA 523 EPA 525.2 EPA 525.3 EPA 536 EPA 551.1
Sodium	M	FLAA FP IC ICP ICP{MS	FLAA FP IC ICP ICP{MS	ASTM D6919 EPA 200.5 Axial EPA 200.7 EPA 200.8 SM 3111B
Specific Conductance cConductivityd	GC SCNM	ISE	ISE	ASTM D1125 cAd SM 2510B
SPLP Extraction	WE	--	Leach test	--
ß-Propiolactone	VOC	GC GC{MS	GC GC{MS	--
Strobane	CPEST	GC	GC	--
Strontium	M	FLAA ICP ICP{MS	FLAA ICP ICP{MS	--
Strychnine	PEST	GC{MS	GC{MS	--
Styrene	VOC	GC GC{MS	GC GC{MS	EPA 502.2® EPA 524.2® EPA 524.3®
Sulfallate cThioallated	CARB	GC GC{MS	GC GC{MS	--

Analyte Groups (Continued)

Analyte	Class code	Technologies		Class
		Aqueous matrix	Non-aqueous matrix	Drinking Water matrix
Sulfate	GC SCNM	Colorimetry IC	Colorimetry IC	ASTM D4327 ASTM D516 ASTM D6508, Rev. 2 EPA 300.0 EPA 300.1 EPA 375.2 SM 4110B SM 4500-SO42- C, D SM 4500-SO42- E SM 4500-SO42- F
Sulfide	GC	Colorimetry ISE Titration	Colorimetry ISE Titration	--
Sulfides, Acid-soluble and Acid-insoluble	GC	Titration	Titration	--
Sulfite	GC	Titration	Titration	--
Sulfotepp cTetraethyl dithiopyrophosphated	OPEST	GC GC{MS	GC GC{MS	--
Surfactants [Foaming agents cMBASd]	SCNM	Colorimetry	--	SM 5540C
SUVA ccalc.d	SCNM	--	--	EPA 415.3
SUVA cSpecific UV Absorbanced	SCNM	--	--	EPA 415.3
t-Butyl alcohol	VOC	GC GC{MS	GC GC{MS	--
TCLP Extraction	WC	--	Leach Test	--
TCMTB	NPEST	LC	LC	--
Tebuthiuron	CARB	GC GC{MS LC LC{MS	GC GC{MS LC LC{MS	--
TEPP cTetraethyl pyrophosphated	BNANH OPEST	GC GC{MS	GC GC{MS	--
Terbacil	NPEST	GC GC{MS	GC GC{MS	--
Terbufos	OPEST	GC GC{MS	GC GC{MS	--
Terbutryn	TPEST	GC GC{MS	GC GC{MS	--
tert-Butylbenzene	VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3
Tetrachlorocatechol	PHEN	GC GC{MS	GC GC{MS	--
Tetrachloroethene	VOC	GC GC{MS	GC GC{MS	EPA 502.2® EPA 524.2® EPA 524.3® EPA 551.1®
Tetrachloroguaiacol	PHEN	GC GC{MS	GC GC{MS	--
Tetrachlorvinphos cStirofosd	OPEST	GC GC{MS	GC GC{MS	--
Tetraethyl dithiopyrophosphate	BNANH	GC{MS	GC{MS	--
Tetrahydrofuran	VOC	GC{MS	GC{MS	--
Tetryl	EXPLO	LC	LC	--
Thallium	M	FLAA GFAA ICP ICP{MS	FLAA GFAA ICP ICP{MS	EPA 200.8 EPA 200.9
Thiodicarb	CARB	LC LC{MS	LC LC{MS	--
Thiofanox	CARB	LC{MS	LC{MS	--
Thionazin cO,O-Diethyl O-2-pyrazinyl phosphorothioated	BNANH OPEST	GC GC{MS	GC GC{MS	--
Thiophanate-methyl	CARB	LC{MS	LC{MS	--
Thiophenol cBenzenethiol	BNANH	GC{MS	GC{MS	--

Analyte Groups (Continued)

Analyte	Class code	Technologies		Class
		Aqueous matrix	Non-aqueous matrix	Drinking Water matrix
Tin	M	FLAA GFAA ICP ICP{MS	FLAA GFAA ICP ICP{MS	--
Titanium	M	FLAA GFAA ICP ICP{MS	FLAA GFAA ICP ICP{MS	--
Tokuthion cProthiofosd	OPEST	GC GC{MS	GC GC{MS	--
Toluene	VOC	GC GC{MS	GC GC{MS	EPA 502.2® EPA 524.2® EPA 524.3®
Toluene diisocyanate	BNANH	GC{MS	GC{MS	--
Toxaphene	CPEST	GC GC{MS	GC GC{MS	EPA 505 EPA 508 EPA 508.1 EPA 525.2 EPA 525.3
Triadimefon	NPEST	GC GC{MS	GC GC{MS	--
Triallate	CARB	GC GC{MS LC LC{MS	GC GC{MS LC LC{MS	--
Trichloroethene	VOC	GC GC{MS	GC GC{MS	EPA 502.2® EPA 524.2® EPA 524.3® EPA 551.1®
Trichlorofluoromethane cFluorotrichloromethane d	VOC	GC GC{MS	GC GC{MS	EPA 502.2 EPA 524.2 EPA 524.3
Trichloronate	OPEST	GC GC{MS	GC GC{MS	--
Trichlorosyringol	PHEN	GC GC{MS	GC GC{MS	--
Trichlorphon	OPEST	GC GC{MS LC LC{MS	GC GC{MS LC LC{MS	--
Triclopyr	APEST	GC GC{MS LC	GC GC{MS LC	--
Trifluralin	NPEST	GC GC{MS	GC GC{MS	--
Trimethyl phosphate	BNANH	GC{MS	GC{MS	--
Tri-o-cresylphosphate cTOCPd	OPEST	GC GC{MS	GC GC{MS	--
Tri-p-tolyl phosphate	BNANH	GC{MS	GC{MS	--
Trisc2,3-dibromopropyld phosphate	BNANH	GC{MS	GC{MS	--
Tungsten	M	ICP ICP{MS	ICP ICP{MS	--
Turbidity	GC SCNM	Colorimetry	--	AMI Turbiwell EPA 180.1 GLI Method 2 HACH FilterTrak 10133 Mitchell M5271 Mitchell M5331 Orion AQ4500 SM 2130B
UV254	SCNM	--	--	EPA 415.3 SM 5910B

Analyte Groups (Continued)

Analyte	Class code	Technologies		Class
		Aqueous matrix	**Non-aqueous matrix**	**Drinking Water matrix**
Vanadium	M	Colorimetry FLAA GFAA ICP ICP{MS	Colorimetry FLAA GFAA ICP ICP{MS	--
Vapam	PEST	GC	GC	--
Vernolate	CARB	LC{MS	LC{MS	--
Vinyl acetate	VOC	GC GC{MS	GC GC{MS	--
Vinyl chloride	VOC	GC GC{MS	GC GC{MS	EPA 502.2® EPA 524.2® EPA 524.3®
Xylenes, Total	VOC	GC GC{MS	GC GC{MS	EPA 502.2® EPA 524.2® EPA 524.3®
Zinc	M	Colorimetry FLAA GFAA ICP ICP{MS	Colorimetry FLAA GFAA ICP ICP{MS	EPA 200.5 Axial EPA 200.7 EPA 200.8 SM 3111B SM 3120B
Ziram	CARB	GC GC{MS	GC GC{MS	--
Zirconium	M	ICP ICP{MS	ICP ICP{MS	--