

Table 4. Minimum reporting limits and analytical techniques for nutrients, major ions, suspended sediment, and radiochemical and stable isotopes analyzed in water samples, September 1995 through September 1996

[MRL, minimum reporting level; mg/L, milligrams per liter; µg/L, micrograms per liter; pCi/L, picocuries per liter; n/a, not applicable; /mil, per thousand]

Constituent	Chemical Abstract Service (CAS) registry number	MRL	Reference for analytical technique
Nutrients			
Dissolved ammonia nitrogen	7664-41-7	0.02 mg/L	Fishman (1993)
Dissolved nitrite nitrogen	14797-65-0	.01 mg/L	do.
Dissolved ammonia nitrogen plus organic nitrogen	17778-88-0	.10 mg/L	do.
Dissolved nitrite plus nitrate nitrogen		.05 mg/L	do.
Total ammonia nitrogen plus organic nitrogen	17778-88-0	.10 mg/L	do.
Total phosphorus	7723-14-0	.01 mg/L	do.
Dissolved orthophosphate	14265-44-2	.01 mg/L	do.
Dissolved organic carbon		.10 mg/L	do.
Suspended organic carbon		.10 mg/L	do.
Major ions			
Calcium	7440-70-2	.02 mg/L	Fishman (1993)
Magnesium	7439-95-4	.004 mg/L	do.
Sodium	7440-23-5	.1 mg/L	do.
Potassium	7440-09-7	.1 mg/L	do.
Chloride	16887-00-6	.1 mg/L	do.
Sulfate	14808-79-8	.1 mg/L	do.
Fluoride	16984-48-8	.1 mg/L	do.
Bromide	24959-67-9	.1 mg/L	do.
Silica	7631-86-9	.1 mg/L	do.
Iron	7439-89-6	10 µg/L	do.
Manganese	7439-96-5	4 µg/L	do.
Suspended sediment			
Suspended sediment			Guy (1969)
Radiochemical and stable isotopes			
Tritium	10028-17-8	1.0 pCi/L	Ostlund and Dorsey (1977)
Radon-222	14859-67-7	80.0 pCi/L	American Society for Testing Materials (1996)
Oxygen-18/oxygen-16	n/a	/mil	Epstein and Mayeda (1953)
Deuterium/protium	n/a	/mil	Coplen and others (1991)

Table 5. Minimum reporting limits and analytical techniques for selected pesticides analyzed in water samples, September 1995 to September 1996

[MRL, minimum reporting level; µg/L, micrograms per liter; *, constituent not registered in the State of Iowa (Jim Ellerhoff, Iowa Department of Agriculture and Land Stewardship, Pesticide Bureau, written commun., 1998); pct, percent; n/a, not applicable]

Pesticide	Trade name	Chemical Abstract Service (CAS) registry number	MRL (µg/L, except as noted)	Reference for analytical technique
2,6-diethylaniline		579-66-8	0.003	Zaugg and others (1995)
acetochlor	Harness, Surpass	34256-82-1	.002	do.
alachlor	Lasso	15972-60-8	.002	do.
atrazine	atrazine, AAtrex	1912-24-9	.001	do.
azinphos-methyl	Guthion	86-50-0	.001	do.
benfluralin	n/a	1861-40-1	.002	do.
butylate	Sutan, Genate	2008-41-5	.002	do.
carbaryl	Sevin, Savit	63-25-2	.003	do.
carbofuran	Furadan	1563-66-2	.003	do.
chlorpyrifos	Dursban, Lorsban	2921-88-2	.004	do.
cyanazine	Bladex	21725-46-2	.004	do.
DCPA	Dacthal	1861-32-1	.002	do.
deethylatrazine	n/a	6190-65-4	.002	do.
diazinon	several	333-41-5	.002	do.
dieldrin	n/a	60-57-1	.001	do.
disulfoton	Di-Syston	298-04-4	.017	do.
EPTC	Eradicane, Eptam	759-94-4	.002	do.
ethalfluralin	Sonalan, Curbit	55283-68-6	.004	do.
ethoprophos	Mocap	13194-48-4	.003	do.
fonofos	Dyfonate	944-22-9	.003	do.
lindane	GammaSan	58-89-9	.004	do.
linuron	Lorox, Linex	330-55-2	.002	do.
malathion	several	121-75-5	.005	do.
metolachlor	Dual	51218-45-2	.002	do.
metribuzin	Sencor, Lexone	21087-64-9	.004	do.
molinate*	n/a	2212-67-1	.004	do.
napropamide	Devrinol	15299-99-7	.003	do.
parathion	Parathion 15 pct wettable	56-38-2	.004	do.
parathion-methyl	Penncap-M	298-00-0	.006	do.
pebulate	Tillam	1114-71-2	.004	do.
pendimethalin	Prowl	40487-42-1	.004	do.
phorate	Thimet	298-02-2	.002	do.
prometon	Pramitol	1610-18-0	.018	do.
propachlor	Ramrod	1918-16-7	.007	do.
propanil*	n/a	709-98-8	.004	do.

Table 5. Minimum reporting limits and analytical techniques for selected pesticides analyzed in water samples, September 1995 to September 1996—Continued

Pesticide	Trade name	Chemical Abstract Service (CAS) registry number	MRL (µg/L, except as noted)	Reference for analytical technique
propargite	Omite, Comite	2312-35-8	0.013	Zaugg and others (1995)
propryzamide	Kerb	23950-58-5	.003	do.
simazine	Princep	122-34-9	.005	do.
tebuthiuron	Spike	34014-18-1	.010	do.
terbacil	Sinbar	5902-51-2	.007	do.
terbufos	Counter	13071-79-9	.013	do.
thiobencarb*	n/a	28249-77-6	.002	do.
tri-allate*	n/a	2303-17-5	.001	do.
trifluralin	Treflan, Trilin, Trific	1582-09-8	.002	do.
alpha-HCH	n/a	319-84-6	.002	do.
cis-permethrin	n/a	54774-45-7	.005	do.
p, p'-DDE	n/a	72-55-9	.006	do.
diazinon-d10 (surrogate)	n/a	100155-47-3	.1 pct	do.
terbuthylazine (surrogate)	n/a	5915-41-3	.1 pct	do.
alpha-HCH-d6 (surrogate)	n/a	n/a	.1 pct	do.

Table 6. Minimum reporting limits and analytical techniques for volatile organic compounds analyzed in water samples, September 1995 through September 1996

[MRL, minimum reporting level; µg/L, micrograms per liter; pct, percent]

Volatile organic compound	Chemical Abstract Service (CAS) registry number	MRL (µg/L, except as noted)	Reference for analytical technique
1, 1, 1, 2-Tetrachloroethane	630-20-6	0.05	Rose and Schroeder (1995)
1, 1, 1-Trichloroethane	71-55-6	.05	do.
1, 1, 2, 2-Tetrachloroethane	79-34-5	.10	do.
1, 1, 2-Trichloroethane	79-00-5	.10	do.
1, 1, 2-Trichlorotrifluoroethane	76-13-1	.05	do.
1, 1-Dichloroethane	75-34-3	.05	do.
1, 1-Dichloroethylene	75-35-4	.10	do.
1, 1-Dichloropropene	563-58-6	.05	do.
1, 2, 3, 4-Tetramethylbenzene	488-23-3	.05	do.
1, 2, 3, 5-Tetramethylbenzene	527-53-7	.05	do.
1, 2, 3-Trichlorobenzene	87-61-6	.20	do.
1, 2, 3-Trichloropropane	96-18-4	.20	do.
1, 2, 3-Trimethylbenzene	526-73-8	.05	do.
1, 2, 4-Trichlorobenzene	120-82-1	.20	do.
1, 2, 4-Trimethylbenzene	95-63-6	.05	do.
1, 2-Dibromo-3-chloropropane	96-12-8	.50	do.
1, 2-Dibromoethane	106-93-4	.10	do.
1, 2-Dichlorobenzene	95-50-1	.05	do.
1, 2-Dichloroethane	107-06-2	.05	do.
1, 2-Dichloropropane	78-87-5	.05	do.
1, 3, 5-Trimethylbenzene	108-67-8	.05	do.
1, 3-Dichlorobenzene	541-73-1	.05	do.
1, 3-Dichloropropane	142-28-9	.05	do.
1, 4-Bromofluorobenzene	460-00-4	.1 pct	do.
1, 4-Dichlorobenzene	106-46-7	.05	do.
2, 2-Dichloropropane	594-20-7	.05	do.
2-Butanone	78-93-3	5.0	do.
2-Chlorotoluene	95-49-8	.05	do.
2-Hexanone	591-78-6	5.0	do.
3-Chloropropene	107-05-1	.10	do.
4-Chlorotoluene	106-43-4	.05	do.
4-Isopropyl-1-methylbenzene	99-87-6	.05	do.
4-Methyl-2-pentanone	108-01-1	5.0	do.
Acetone	67-64-1	5.0	do.
Acrolein	107-02-8	2.0	do.

Table 6. Minimum reporting limits and analytical techniques for volatile organic compounds analyzed in water samples, September 1995 through September 1996—Continued

Volatile organic compound	Chemical Abstract Service (CAS) registry number	MRL (µg/L, except as noted)	Reference for analytical technique
Acrylonitrile	107-13-1	2.0	Rose and Schroeder (1995)
Benzene	71-43-2	.05	do.
Bromobenzene	108-86-1	.05	do.
Bromochloromethane	74-97-5	.10	do.
Bromodichloromethane	75-27-4	.10	do.
Bromoform	75-25-2	.20	do.
Bromomethane	74-83-9	.10	do.
Butylbenzene	104-51-8	.05	do.
Carbon disulfide	75-15-0	.05	do.
Chlorobenzene	108-90-7	.05	do.
Chloroethane	75-00-3	.10	do.
Chloroform	67-66-3	.05	do.
Chloromethane	74-87-3	.20	do.
Dibromochloromethane	124-48-1	.10	do.
Dibromomethane	74-95-3	.10	do.
Dichlorodifluoromethane	75-71-8	.20	do.
Dichloromethane	75-09-2	.10	do.
Diethyl ether	60-29-7	.10	do.
Diisopropyl ether	108-20-3	.10	do.
Ethyl methacrylate	97-63-2	1.0	do.
Ethyl tert-butyl ether	637-92-3	.10	do.
Ethylbenzene	100-41-4	.05	do.
Hexachlorobutadiene	87-68-3	.20	do.
Hexachloroethane	67-72-1	.05	do.
Isopropylbenzene	98-82-8	.05	do.
Methyl acrylate	96-33-3	2.0	do.
Methyl acrylonitrile	126-98-7	2.0	do.
Methyl iodide	74-88-4	.05	do.
Methyl methacrylate	80-62-6	1.0	do.
Naphthalene	91-20-3	.20	do.
Propylbenzene	103-65-1	.05	do.
Styrene	100-42-5	.05	do.
Tetrachloroethylene	127-18-4	.05	do.
Tetrachloromethane	56-23-5	.05	do.
Tetrahydrofuran	109-99-9	5.0	do.
Toluene	108-88-3	2.0	do.
Trichloroethylene	79-01-6	.05	do.

Table 6. Minimum reporting limits and analytical techniques for volatile organic compounds analyzed in water samples, September 1995 through September 1996—Continued

Volatile organic compound	Chemical Abstract Service (CAS) registry number	MRL (µg/L, except as noted)	Reference for analytical technique
Trichlorofluoromethane	75-69-4	0.10	Rose and Schroeder (1995)
Vinyl acetate	108-05-4	5.0	do.
Vinyl bromide	593-60-2	.20	do.
Vinylchloride	75-01-4	.05	do.
cis-1, 2-Dichloroethylene	156-59-2	.05	do.
cis-1, 3-Dichloropropene	10061-01-5	.10	do.
m- and p-Xylene		.05	do.
o-Ethyl toluene	611-14-3	5.0	do.
o-Xylene	95-47-6	.05	do.
sec-Butylbenzene	135-98-8	.05	do.
tert-Butyl methyl ether	1634-04-4	.10	do.
tert-Butylbenzene	98-06-6	.05	do.
tert-Pentyl methyl ether	994-05-8	.10	do.
trans-1, 2-Dichloroethylene	156-60-5	.05	do.
trans-1, 3-Dichloropropene	10061-02-6	.10	do.
trans-1, 4-Dichloro-2-butene	110-57-6	5.0	do.
1, 2-Dichloroethane-d4 (surrogate)	17060-07-0	.1 pct	do.
Toluene-d8	2037-26-5	.1 pct	do.

Table 7. Minimum reporting limits and analytical techniques for trace elements analyzed in fish-tissue samples, September 1995 through September 1996

[MRL, minimum reporting level; µg/g, micrograms per gram; n/a, not applicable]

Trace element	Chemical Abstract Service (CAS) registry number	MRL (µg/g)	Reference for analytical technique
aluminum	7429-90-5	1	Hoffman (1996)
antimony	7440-36-0	.1	do.
arsenic	7440-38-2	.1	do.
barium	7440-39-3	.1	do.
beryllium	7440-41-7	.1	do.
boron	7440-42-8	.2	do.
cadmium	7440-43-9	.1	do.
chromium	7440-47-3	.5	do.
cobalt	7440-48-4	.1	do.
copper	7440-50-8	.5	do.
iron	7439-89-6	1	do.
lead	7439-92-1	.1	do.
manganese	7439-96-5	.1	do.
mercury	7439-97-6	n/a	do.
molybdenum	7439-98-7	.1	do.
nickel	7440-02-0	.1	do.
selenium	7782-49-2	.1	do.
silver	7440-22-4	.1	do.
strontium	7440-24-6	.1	do.
uranium	7440-61-1	.1	do.
vanadium	7440-62-2	.1	do.
zinc	7440-66-6	.5	do.

Table 8. Minimum reporting limits and analytical techniques for organochlorine pesticides and total polychlorinated biphenyls analyzed in fish-tissue samples, September 1995 through September 1996

[MRL, minimum reporting level; $\mu\text{g}/\text{kg}$, micrograms per kilogram; pct, percent]

Constituent	Chemical Abstract Service (CAS) registry number	MRL ($\mu\text{g}/\text{kg}$, except as noted)	Reference for analytical technique
Organochlorine pesticides			
2,4,6-Trichlorobiphenyl (surrogate)	35693-92-6	0.1 pct	Leiker and others (1995)
3,5-Dichlorobiphenyl (surrogate)	34883-41-5	.1 pct	do.
Aldrin	309-00-2	5	do.
Dacthal	1861-32-1	5	do.
Dieldrin	60-57-1	5	do.
Endrin	72-20-8	5	do.
Heptachlor	76-44-8	5	do.
Heptachlor epoxide	1024-57-3	5	do.
Hexachlorobenzene	118-74-1	5	do.
Lindane	58-89-9	5	do.
Lipids		0.5	do.
Mirex	2385-85-5	5	do.
Oxychlorane	27304-13-8	5	do.
Pentachloroanisole	1825-21-4	5	do.
Toxaphene	8001-35-2	200	do.
alpha-HCH	319-84-6	5	do.
alpha-HCH-d6 (surrogate)		.1 pct	do.
beta-HCH	319-85-7	5	do.
cis-Chlordane	5103-71-9	5	do.
cis-Nonachlor	5103-73-1	5	do.
delta-HCH	319-86-8	5	do.
o,p'-DDD	53-19-0	5	do.
o,p'-DDE	3424-82-6	5	do.
o,p'-DDT	789-02-6	5	do.
o,p'-Methoxychlor	30667-99-3	5	do.
p,p'-DDD	72-54-8	5	do.
p,p'-DDE	72-55-9	5	do.
p,p'-DDT	50-29-3	5	do.
p,p'-Methoxychlor	72-43-5	5	do.
trans-Chlordane	5103-74-2	5	do.
trans-Nonachlor	39765-80-5	5	do.
Polychlorinated biphenyls			
Polychlorinated biphenyls	1336-36-3	50	do.

Table 9. Minimum reporting limits and analytical techniques for trace elements and carbon analyzed in bed-sediment samples, September 1995 through September 1996

[$\mu\text{g/g}$, micrograms per gram; pct, percent]

Constituent	Chemical Abstract Service (CAS) registry number	MRL ($\mu\text{g/g}$, except as noted)	Reference for analytical technique
Trace elements			
aluminum	7429-90-5	0.005 pct	Arbogast (1996)
antimony	7440-36-0	.1	do.
arsenic	7440-38-2	.1	do.
barium	7440-39-3	1	do.
beryllium	7440-41-7	1	do.
bismuth	7440-69-9	10	do.
cadmium	7440-43-9	.1	do.
calcium	7440-70-2	.005 pct	do.
cerium	7440-45-1	4	do.
chromium	7440-47-3	1	do.
cobalt	7440-48-4	1	do.
copper	7440-50-8	1	do.
europium	7440-53-1	2	do.
gallium	7440-55-3	4	do.
gold	7440-57-5	8	do.
holmium	7440-60-0	4	do.
iron	7439-89-6	.005 pct	do.
lanthanum	7439-91-0	2	do.
lead	7439-92-1	4	do.
lithium	7439-93-2	2	do.
magnesium	7439-95-4	.005 pct	do.
manganese	7439-96-5	4	do.
mercury	7439-97-6	.02	do.
molybdenum	7439-98-7	2	do.
neodymium	7440-00-8	4	do.
nickel	7440-02-0	2	do.
niobium	7440-03-1	4	do.
phosphorus	7723-14-0	.005 pct	do.
potassium	7440-09-7	.05 pct	do.
scandium	7440-20-2	2	do.
selenium	7782-49-2	.1	do.
silver	7440-22-4	.1	do.
sodium	7440-23-5	.005 pct	do.
strontium	7440-24-6	2	do.
sulfur	7704-34-9	0.05 pct	do.

Table 9. Minimum reporting limits and analytical techniques for trace elements and carbon analyzed in bed-sediment samples, September 1995 through September 1996—Continued

Constituent	Chemical Abstract Service (CAS) registry number	MRL ($\mu\text{g/g}$, except as noted)	Reference for analytical technique
Trace elements—Continued			
tantalum	7440-25-7	40	Arbogast (1996)
thorium	7440-29-1	1	do.
tin	7440-31-5	5	do.
titanium	7440-32-6	.005 pct	do.
uranium	7440-61-1	.05	do.
vanadium	7440-62-2	2	do.
ytterbium	7440-64-4	1	do.
yttrium	7440-65-5	2	do.
zinc	7440-66-6	4	do.
Carbon			
carbon, inorganic	n/a	.01 pct	do.
carbon, organic	n/a	.01 pct	do.
carbon, organic plus inorganic	n/a	.01 pct	do.

Table 10. Minimum reporting limits and analytical techniques for chlorinated pesticides and semivolatile organic compounds analyzed in bed-sediment samples, September 1995 through September 1996

[MRL, minimum reporting level $\mu\text{g}/\text{kg}$, micrograms per kilogram; pct, percent; n/a, not applicable]

Constituent	Chemical Abstract Service (CAS) registry number	MRL ($\mu\text{g}/\text{kg}$, except as noted)	Reference for analytical technique
Chlorinated pesticides			
2,2',3,4,4',5,6,6'-Octachlorobiphenyl (surrogate)	74472-52-9	0.1 pct	Foreman and others (1995)
3,5-Dichlorobiphenyl (surrogate)	34883-41-5	.1 pct	do.
Aldrin	309-00-2	1	do.
Chloroneb	2675-77-6	5	do.
Dacthal	1861-32-1	5	do.
Dieldrin	60-57-1	1	do.
Endrin	72-20-8	2	do.
Heptachlor	76-44-8	1	do.
Heptachlor epoxide	1024-57-3	1	do.
Hexachlorobenzene	118-74-1	1	do.
Isodrin	465-73-6	1	do.
Lindane	58-89-9	1	do.
Mirex	2385-85-5	1	do.
Oxychlordane	27304-13-8	1	do.
Pentachloroanisole	1825-21-4	1	do.
Polychlorinated biphenyls	1336-36-3	50	do.
Toxaphene	8001-35-2	200	do.
alpha-Endosulfan	959-98-8	1	do.
alpha-HCH	319-84-6	1	do.
beta-HCH	319-85-7	1	do.
cis-Chlordane	5103-71-9	1	do.
cis-Nonachlor	4103-73-1	1	do.
cis-Permethrin	54774-45-7	5	do.
o,p'-DDD	53-19-0	1	do.
o,p'-DDE	3424-82-6	1	do.
o,p'-DDT	789-02-6	2	do.
o,p'-Methoxychlor	30667-99-3	5	do.
p,p'-DDD	72-54-8	1	do.
p,p'-DDE	72-55-9	1	do.
p,p'-DDT	50-29-3	2	do.
p,p'-Methoxychlor	72-43-5	5	do.
trans-Chlordane	5103-74-2	1	do.
trans-Nonachlor	39765-80-5	1	do.
trans-Permethrin	51877-74-8	5	do.

Table 10. Minimum reporting limits and analytical techniques for chlorinated pesticides and semivolatile organic compounds analyzed in bed-sediment samples, September 1995 through September 1996—Continued

Constituent	Chemical Abstract Service (CAS) registry number	MRL ($\mu\text{g}/\text{kg}$, except as noted)	Reference for analytical technique
Semivolatile organic compounds			
1,2,4-Trichlorobenzene	120-82-1	50	Furlong and others (1996)
1,2-Dichlorobenzene	95-50-1	50	do.
1,2-Dimethylnaphthalene	573-98-8	50	do.
1,3-Dichlorobenzene	541-73-1	50	do.
1,4-Dichlorobenzene	106-46-7	50	do.
1,6-Dimethylnaphthalene	575-43-9	50	do.
1-Methyl-9H-fluorene	1730-37-6	50	do.
1-Methylphenanthrene	832-69-9	50	do.
1-Methylpyrene	2381-21-7	50	do.
2,2'-Biquinoline	119-91-5	50	do.
2,3,5,6-Tetramethylphenol	527-35-5	50	do.
2,3,6-Trimethylnaphthalene	829-26-5	50	do.
2,4,6-Trichlorophenol	88-06-2	n/a	do.
2,4,6-Trimethylphenol	527-60-6	n/a	do.
2,4-Dichlorophenol	120-83-2	n/a	do.
2,4-Dinitrophenol	51-28-5	n/a	do.
2,4-Dinitrotoluene	121-14-2	50	do.
2,6-Dimethylnaphthalene	581-42-0	50	do.
2,6-Dinitrotoluene	606-20-2	50	do.
2-Chloronaphthalene	91-58-7	50	do.
2-Chlorophenol	95-57-8	50	do.
2-Ethyl-naphthalene	939-27-5	50	do.
2-Fluorobiphenyl (surrogate)	321-60-8	.1 pct	do.
2-Methylanthracene	613-12-7	50	do.
2-Nitrophenol	88-75-5	n/a	do.
3,5-Dimethylphenol	108-68-9	50	do.
4,6-Dinitro-2-methylphenol	534-52-1	n/a	do.
4-Bromophenylphenylether	101-55-3	50	do.
4-Chloro-3-methylphenol	59-50-7	50	do.
4-Chlorophenyl phenyl ether	7005-72-3	50	do.
4-Nitrophenol	100-02-7	n/a	do.
4H-cyclopenta[def]phenanthrene	203-64-5	50	do.
Acenaphthene	83-32-9	50	do.
Acenaphthylene	208-96-8	50	do.
Acridine	260-94-6	50	do.

Table 10. Minimum reporting limits and analytical techniques for chlorinated pesticides and semivolatile organic compounds analyzed in bed-sediment samples, September 1995 through September 1996—Continued

Constituent	Chemical Abstract Service (CAS) registry number	MRL ($\mu\text{g}/\text{kg}$, except as noted)	Reference for analytical technique
Semivolatile organic compounds—Continued			
Anthracene	120–12–7	50	Furlong and others (1996)
Anthraquinone	84–65–1	50	do.
Azobenzene	103–33–3	50	do.
Benz[a]anthracene	56–55–3	50	do.
Benzo[a]pyrene	50–32–8	50	do.
Benzo[b]fluoranthene	205–99–2	50	do.
Benzo[c]cinnoline	230–17–1	50	do.
Benzo[ghi]perylene	191–24–2	50	do.
Benzo[k]fluoranthene	207–08–9	50	do.
Bis(2-ethylhexyl) phthalate	117–81–7	50	do.
Butylbenzyl phthalate	85–68–7	50	do.
C8-Alkylphenol		50	do.
Carbazole	86–74–8	50	do.
Chrysene	218–01–9	50	do.
Di-n-butyl phthalate	84–74–2	50	do.
Di-n-octyl phthalate	117–84–0	50	do.
Dibenz[a,h]anthracene	53–70–3	50	do.
Dibenzothiophene	132–65–0	50	do.
Diethyl phthalate	84–66–2	50	do.
Dimethyl phthalate	131–11–3	50	do.
Fluoranthene	206–44–0	50	do.
Fluorene	86–73–7	50	do.
Hexachlorobenzene	118–74–1	50	do.
Hexachlorobutadiene	87–68–3	n/a	do.
Hexachlorocyclopentadiene	77–47–4	n/a	do.
Hexachloroethane	67–72–1	n/a	do.
Indeno[1,2,3-cd]pyrene	193–39–5	50	do.
Isophorone	78–59–1	50	do.
Isoquinoline	119–65–3	50	do.
N-Nitrosodi-n-propylamine	621–64–7	50	do.
N-Nitrosodiphenylamine	86–30–6	50	do.
Naphthalene	91–20–3	50	do.
Nitrobenzene	98–95–3	50	do.
Nitrobenzene-d5 (surrogate)	4165–60–0	.1 pct	do.
Pentachloroanisole	1825–21–4	50	do.

Table 10. Minimum reporting limits and analytical techniques for chlorinated pesticides and semivolatile organic compounds analyzed in bed-sediment samples, September 1995 through September 1996—Continued

Constituent	Chemical Abstract Service (CAS) registry number	MRL ($\mu\text{g}/\text{kg}$, except as noted)	Reference for analytical technique
Semivolatile organic compounds—Continued			
Pentachloronitrobenzene	82-68-8	50	Furlong and others (1996)
Pentachlorophenol	87-86-5	n/a	do.
Phenanthrene	85-01-8	50	do.
Phenanthridine	229-87-8	50	do.
Phenol	108-95-2	50	do.
Pyrene	129-00-0	50	do.
Quinoline	91-22-5	50	do.
Terphenyl-d14 (surrogate)	1718-51-0	.1 pct	do.
bis(2-Chloroethoxy)methane	111-91-1	50	do.
bis(2-Chloroethyl)ether	111-44-4	50	do.
bis(2-Chloroisopropyl) ether	108-60-1	n/a	do.
p-Cresol	106-44-5	50	do.