

Organic Section Analytical Methods Estimated Reporting Limits, Updated 7/12/2016

CAS No.	Compound	Drinking Water	Non-Drinking Water		Soil	COWS	Air
		VOADW 524.2 µg/L	VOAWW 624 µg/L	VOASW 5030C/8260C µg/L	VOASW 5035A/8260C µg/kg	VOASW 5035A/8260C µg/L	VOA-A TO-15 ppbv
67-64-1	Acetone	1.25	2.50	2.50	250	12,500	0.12
107-02-8	Acrolein	NA	NA	NA	NA	NA	0.12
71-43-2	Benzene	0.25	0.50	0.50	50	2,500	0.12
108-86-1	Bromobenzene	0.25	0.50	0.50	50	2,500	0.12
74-97-5	Bromochloromethane	0.25	NA	NA	NA	NA	NA
75-27-4	Bromodichloromethane	0.25	0.50	0.50	50	2,500	0.12
75-25-2	Bromoform	0.25	0.50	0.50	50	2,500	0.12
74-83-9	Bromomethane	0.25	0.50	0.50	50	2,500	0.12
106-94-5	1- Bromopropane	NA	NA	NA	NA	NA	0.12
106-99-0	1,3- Butadiene	NA	NA	NA	NA	NA	0.12
78-93-3	2- Butanone (MEK)	1.25	2.50	2.50	250	12,500	0.12
540-88-5	<i>t</i> - Butyl acetate	NA	2.50	2.50	250	12,500	NA
75-65-0	<i>t</i> - Butyl alcohol	2.50	5.00	5.00	500	25,000	NA
104-51-8	<i>n</i> - Butylbenzene	0.25	0.50	0.50	50	2,500	NA
135-98-8	<i>sec</i> - Butylbenzene	0.25	0.50	0.50	50	2,500	NA
98-06-6	<i>tert</i> - Butylbenzene	0.25	0.50	0.50	50	2,500	NA
75-15-0	Carbon disulfide	0.25	0.50	0.50	50	2,500	0.12
56-23-5	Carbon tetrachloride	0.25	0.50	0.50	50	2,500	0.12
108-90-7	Chlorobenzene	0.25	0.50	0.50	50	2,500	0.12
75-00-3	Chloroethane	0.25	0.50	0.50	50	2,500	0.12
75-01-4	Chloroethene (vinyl chloride)	0.25	0.50	0.50	50	2,500	0.12
67-66-3	Chloroform	0.25	0.50	0.50	50	2,500	0.12
74-87-3	Chloromethane	0.25	0.50	0.50	50	2,500	0.12
110-82-7	Cyclohexane	NA	NA	NA	NA	NA	0.12
95-49-8	<i>o</i> - Chlorotoluene	0.25	0.50	0.50	50	2,500	NA
106-43-4	<i>p</i> - Chlorotoluene	0.25	0.50	0.50	50	2,500	NA
98-56-6	4- Chlorotrifluorotoluene	NA	0.50	0.50	50	2,500	NA
96-12-8	1,2- Dibromo-3-chloropropane	NA	0.50	0.50	50	2,500	NA
124-48-1	Dibromochloromethane	0.25	0.50	0.50	50	2,500	0.12
106-93-4	1,2- Dibromoethane (EDB)	NA	0.50	0.50	50	2,500	0.12
74-95-3	Dibromomethane	0.25	0.50	0.50	50	2,500	NA
95-50-1	1,2- Dichlorobenzene	0.25	0.50	0.50	50	2,500	0.12
541-73-1	1,3- Dichlorobenzene	0.25	0.50	0.50	50	2,500	0.12
106-46-7	1,4- Dichlorobenzene	0.25	0.50	0.50	50	2,500	0.12
75-71-8	Dichlorodifluoromethane	0.25	0.50	0.50	50	2,500	0.12
75-34-3	1,1- Dichloroethane	0.25	0.50	0.50	50	2,500	0.12
107-06-2	1,2- Dichloroethane	0.25	0.50	0.50	50	2,500	0.12
75-35-4	1,1- Dichloroethene	0.25	0.50	0.50	50	2,500	0.12
156-59-2	<i>cis</i> -1,2- Dichloroethene	0.25	0.50	0.50	50	2,500	0.12
156-60-5	<i>trans</i> -1,2- Dichloroethene	0.25	0.50	0.50	50	2,500	0.12
75-09-2	Dichloromethane	0.25	0.50	0.50	50	2,500	0.12
78-87-5	1,2- Dichloropropane	0.25	0.50	0.50	50	2,500	0.12
142-28-9	1,3- Dichloropropane	0.25	0.50	0.50	50	2,500	NA
594-20-7	2,2- Dichloropropane	0.25	0.50	0.50	50	2,500	NA
563-58-6	1,1- Dichloropropene	0.25	0.50	0.50	50	2,500	NA
10061-01-5	<i>cis</i> -1,3- Dichloropropene	0.25	0.50	0.50	50	2,500	0.12
10061-02-6	<i>trans</i> -1,3- Dichloropropene	0.25	0.50	0.50	50	2,500	0.12
76-14-2	1,2- Dichlorotetrafluoroethane	NA	NA	NA	NA	NA	0.12
622-96-8	1- Ethyl-4-methylbenzene	NA	NA	NA	NA	NA	0.12
100-41-4	Ethylbenzene	0.25	0.50	0.50	50	2,500	0.12
142-82-5	<i>n</i> - Heptane	NA	NA	NA	NA	NA	0.12
87-68-3	Hexachlorobutadiene	0.25	0.50	0.50	50	2,500	0.12
110-54-3	<i>n</i> - Hexane	NA	NA	NA	NA	NA	0.12
591-78-6	2- Hexanone	1.25	2.50	2.50	250	12,500	0.12
98-82-8	Isopropylbenzene	0.25	0.50	0.50	50	2,500	NA
99-87-6	4- Isopropyltoluene	0.25	0.50	0.50	50	2,500	NA
1634-04-4	Methyl- <i>tert</i> -butylether	0.25	0.50	0.50	50	2,500	0.12
80-62-6	Methyl methacrylate (by request only)	NA	2.50	2.50	250	12,500	NA
108-10-1	4- Methyl-2-pentanone (MIBK)	1.25	2.50	2.50	250	12,500	0.12

* Reporting limits vary with sample dilution, percent moisture, and other factors.

** RLs for this compound also vary with the isomer ratio.

NA = Not analyzed by this method.

Organic Section Analytical Methods Estimated Reporting Limits, Updated 7/12/2016

CAS No.	Compound	Drinking Water	Non-Drinking Water		Soil	COWS	Air
91-20-3	Naphthalene	0.25	0.50	0.50	50	2,500	NA
115-07-1	1- Propene	NA	NA	NA	NA	NA	0.12
103-65-1	<i>n</i> - Propylbenzene	0.25	0.50	0.50	50	2,500	NA
100-42-5	Styrene	0.25	0.50	0.50	50	2,500	0.12
630-20-6	1,1,1,2- Tetrachloroethane	0.25	0.50	0.50	50	2,500	NA
79-34-5	1,1,2,2- Tetrachloroethane	0.25	0.50	0.50	50	2,500	0.12
127-18-4	Tetrachloroethene	0.25	0.50	0.50	50	2,500	0.12
109-99-9	Tetrahydrofuran	NA	0.50	0.50	50	2,500	0.12
108-88-3	Toluene	0.25	0.50	0.50	50	2,500	0.12
87-61-6	1,2,3- Trichlorobenzene	0.25	0.50	0.50	50	2,500	NA
120-82-1	1,2,4- Trichlorobenzene	0.25	0.50	0.50	50	2,500	0.12
71-55-6	1,1,1- Trichloroethane	0.25	0.50	0.50	50	2,500	0.12
79-00-5	1,1,2- Trichloroethane	0.25	0.50	0.50	50	2,500	0.12
79-01-6	Trichloroethene	0.25	0.50	0.50	50	2,500	0.12
75-69-4	Trichlorofluoromethane	0.25	0.50	0.50	50	2,500	0.12
76-13-1	1,1,2- Trichlorotrifluoroethane	NA	NA	NA	NA	NA	0.12
96-18-4	1,2,3- Trichloropropane	0.25	0.50	0.50	50	2,500	NA
95-63-6	1,2,4- Trimethylbenzene	0.25	0.50	0.50	50	2,500	0.12
108-67-8	1,3,5- Trimethylbenzene	0.25	0.50	0.50	50	2,500	0.12
108-05-4	Vinyl acetate	NA	0.50	0.50	50	2,500	NA
95-47-6	<i>o</i> - Xylene	0.25	0.50	0.50	50	2,500	0.12
108-38-3	<i>m</i> + <i>p</i> - Xylenes	0.50	1.00	1.00	100	5,000	0.12
SAC:		EDB	EDB	EDB	NA	NA	NA
EPA Method:		504.1	8011	8011	NA	NA	NA
Units:		µg/L	µg/L	µg/L	NA	NA	NA
96-12-8	1,2- Dibromo-3-chloropropane	0.020	0.020	0.020	NA	NA	NA
106-93-4	1,2- Dibromoethane (EDB)	0.020	0.020	0.020	NA	NA	NA
SAC:		SV-DW	SV-WW	SV-SW	SV-SW	SV-SW	NA
EPA Method:		525.2	625	3520C/8270D	3545A/8270D	3580A/8270D	NA
Units:		µg/L	µg/L	µg/L	mg/kg	mg/kg	NA
83-32-9	Acenaphthene	NA	2.5	2.5	0.5	2.5	NA
208-96-8	Acenaphthylene	0.20	2.5	2.5	0.5	2.5	NA
98-86-2	Acetophenone	NA	5.0	5.0	1.0	5.0	NA
53-96-3	2- Acetylaminofluorene	NA	2.5	2.5	0.5	2.5	NA
15972-60-8	Alachlor	0.40	NA	NA	NA	NA	NA
834-12-8	Ametryn	0.20	NA	NA	NA	NA	NA
92-67-1	4- Aminobiphenyl	NA	2.5	2.5	0.5	2.5	NA
62-53-3	Aniline	NA	2.5	2.5	0.5	2.5	NA
120-12-7	Anthracene	0.20	2.5	2.5	0.5	2.5	NA
140-57-8	Aramite (total)	NA	2.5	2.5	0.5	2.5	NA
1912-24-9	Atrazine	0.40	NA	NA	NA	NA	NA
56-55-3	Benz(a)anthracene	0.20	1.25	1.25	0.25	1.25	NA
50-32-8	Benzo(a)pyrene	0.20	1.25	1.25	0.25	1.25	NA
205-99-2	Benzo(b)fluoranthene	0.20	1.25	1.25	0.25	1.25	NA
191-24-2	Benzo(g,h,i)perylene	0.20	1.25	1.25	0.25	1.25	NA
207-08-9	Benzo(k)fluoranthene	0.20	1.25	1.25	0.25	1.25	NA
65-85-0	Benzoic acid (by request only)	NA	25.0	25.0	25.0	25.0	NA
100-51-6	Benzyl alcohol	NA	2.5	2.5	0.5	2.5	NA
314-40-9	Bromacil	0.20	NA	NA	NA	NA	NA
101-55-3	4- Bromophenyl-phenylether	NA	2.5	2.5	0.5	2.5	NA
23184-66-9	Butachlor	0.20	NA	NA	NA	NA	NA
2008-41-5	Butylate	0.20	NA	NA	NA	NA	NA
85-68-7	Butylbenzylphthalate	0.20	1.25	1.25	0.25	1.25	NA
84-74-2	<i>di-n</i> - Butylphthalate	0.20	2.5	2.5	0.5	2.5	NA
106-47-8	4- Chloroaniline	NA	2.5	2.5	0.5	2.5	NA
510-15-6	Chlorobenzilate	0.20	2.5	2.5	0.5	2.5	NA
2051-60-7	2- Chlorobiphenyl	0.20	NA	NA	NA	NA	NA
111-91-1	<i>bis</i> (2- Chloroethoxy)methane	NA	2.5	2.5	0.5	2.5	NA
111-44-4	<i>bis</i> (2- Chloroethyl)ether	NA	2.5	2.5	0.5	2.5	NA

* Reporting limits vary with sample dilution, percent moisture, and other factors.

** RLs for this compound also vary with the isomer ratio.

NA = Not analyzed by this method.

Organic Section Analytical Methods Estimated Reporting Limits, Updated 7/12/2016

CAS No.	Compound	Drinking Water	Non-Drinking Water		Soil	COWS	Air
59-50-7	4- Chloro-3-methylphenol	NA	2.5	2.5	0.5	2.5	NA
90-13-1	1- Chloronaphthalene	NA	2.5	2.5	0.5	2.5	NA
91-58-7	2- Chloronaphthalene	NA	2.5	2.5	0.5	2.5	NA
95-57-8	2- Chlorophenol	NA	2.5	2.5	0.5	2.5	NA
7005-72-3	4- Chlorophenyl-phenylether	NA	2.5	2.5	0.5	2.5	NA
108-60-1	2,2'-oxybis(1- Chloropropane	NA	2.5	2.5	0.5	2.5	NA
2921-88-2	Chloropyrifos	0.20	NA	NA	NA	NA	NA
101-21-3	Chlorpropham	0.20	NA	NA	NA	NA	NA
218-01-9	Chrysene	0.20	1.25	1.25	0.25	1.25	NA
21725-46-2	Cyanazine	0.20	NA	NA	NA	NA	NA
1134-23-2	Cycloate	0.20	NA	NA	NA	NA	NA
2303-16-4	Diallate (total)	NA	2.5	2.5	0.5	2.5	NA
53-70-3	Dibenz(a,h)anthracene	0.20	1.25	1.25	0.25	1.25	NA
132-64-9	Dibenzofuran	NA	2.5	2.5	0.5	2.5	NA
95-50-1	1,2- Dichlorobenzene	NA	2.5	2.5	0.5	2.5	NA
541-73-1	1,3- Dichlorobenzene	NA	2.5	2.5	0.5	2.5	NA
106-46-7	1,4- Dichlorobenzene	NA	2.5	2.5	0.5	2.5	NA
91-94-1	3,3'- Dichlorobenzidine	NA	1.25	1.25	0.25	1.25	NA
16605-91-7	2,3- Dichlorobiphenyl	0.20	NA	NA	NA	NA	NA
120-83-2	2,4- Dichlorophenol	NA	2.5	2.5	0.5	2.5	NA
87-65-0	2,6- Dichlorophenol	NA	2.5	2.5	0.5	2.5	NA
62-73-7	Dichlorvos	0.20	NA	NA	NA	NA	NA
84-66-2	Diethylphthalate	0.20	2.5	2.5	0.5	2.5	NA
60-51-5	Dimethoate	NA	2.5	2.5	0.5	2.5	NA
60-11-7	p- Dimethylaminoazobenzene	NA	1.25	1.25	0.25	1.25	NA
57-97-6	7,12- Dimethylbenz(a)anthracene	NA	1.25	1.25	0.25	1.25	NA
131-11-3	Dimethylphthalate	0.50	2.5	2.5	0.5	2.5	NA
105-67-9	2,4- Dimethylphenol	NA	2.5	2.5	0.5	2.5	NA
534-52-1	4,6- Dinitro-2-methylphenol	NA	2.5	2.5	0.5	2.5	NA
99-65-0	1,3- Dinitrobenzene	NA	2.5	2.5	0.5	2.5	NA
51-28-5	2,4- Dinitrophenol	NA	10.0	10.0	2.0	10.0	NA
121-14-2	2,4- Dinitrotoluene	0.20	2.5	2.5	0.5	2.5	NA
606-20-2	2,6- Dinitrotoluene	0.20	2.5	2.5	0.5	2.5	NA
88-85-7	Dinoseb	NA	2.5	2.5	0.5	2.5	NA
957-51-7	Diphenamid	0.20	NA	NA	NA	NA	NA
122-39-4	Diphenylamine & n-Nitrosodiphenylamine	NA	5.0	5.0	1.0	5.0	NA
298-04-4	Disulfoton	NA	2.5	2.5	0.5	2.5	NA
759-94-4	EPTC	0.20	NA	NA	NA	NA	NA
13194-48-4	Ethoprop	0.20	NA	NA	NA	NA	NA
103-23-1	bis(2- Ethylhexyl)adipate	0.20	NA	NA	NA	NA	NA
117-81-7	bis(2- Ethylhexyl)phthalate	0.50	1.25	1.25	0.25	1.25	NA
62-50-0	Ethyl methanesulfonate	NA	2.5	2.5	0.5	2.5	NA
56-38-2	Ethyl parathion	NA	2.5	2.5	0.5	2.5	NA
206-44-0	Fluoranthene	NA	2.5	2.5	0.5	2.5	NA
86-73-7	Fluorene	0.20	2.5	2.5	0.5	2.5	NA
52663-71-5	2,2',3,3',4,4',6- Heptachlorobiphenyl	0.20	NA	NA	NA	NA	NA
118-74-1	Hexachlorobenzene	0.20	2.5	2.5	0.5	2.5	NA
60145-22-4	2,2',4,4',5,6'- Hexachlorobiphenyl	0.20	NA	NA	NA	NA	NA
87-68-3	Hexachlorobutadiene	NA	2.5	2.5	0.5	2.5	NA
77-47-4	Hexachlorocyclopentadiene	0.20	2.5	2.5	0.5	2.5	NA
67-72-1	Hexachloroethane	NA	2.5	2.5	0.5	2.5	NA
1888-71-7	Hexachloropropene	NA	2.5	2.5	0.5	2.5	NA
51235-04-2	Hexazinone	0.20	NA	NA	NA	NA	NA
193-39-5	Indeno(1,2,3-cd)pyrene	0.20	1.25	1.25	0.25	1.25	NA
465-73-6	Isodrin	NA	2.5	2.5	0.5	2.5	NA
78-59-1	Isophorone	0.20	2.5	2.5	0.5	2.5	NA
120-58-1	Isosafrole (total)	NA	2.5	2.5	0.5	2.5	NA
66-27-3	Methyl methanesulfonate	NA	2.5	2.5	0.5	2.5	NA
950-35-6	Methyl Paraoxon	0.20	NA	NA	NA	NA	NA
56-49-5	3- Methylcholanthrene	NA	1.25	1.25	0.25	1.25	NA
90-12-0	1- Methylnaphthalene	NA	2.5	2.5	0.5	2.5	NA
91-57-6	2- Methylnaphthalene	NA	2.5	2.5	0.5	2.5	NA
298-00-0	Methyl parathion	NA	2.5	2.5	0.5	2.5	NA

* Reporting limits vary with sample dilution, percent moisture, and other factors.

** RLs for this compound also vary with the isomer ratio.

NA = Not analyzed by this method.

Organic Section Analytical Methods Estimated Reporting Limits, Updated 7/12/2016

CAS No.	Compound	Drinking Water	Non-Drinking Water		Soil	COWS	Air
95-48-7	2- Methylphenol	NA	2.5	2.5	0.5	2.5	NA
1319-77-3	3+4- Methylphenol	NA	5.0	5.0	1.0	5.0	NA
51218-45-2	Metolachlor	0.20	NA	NA	NA	NA	NA
21087-64-9	Metribuzin	0.20	NA	NA	NA	NA	NA
7786-34-7	Mevinphos	0.20	NA	NA	NA	NA	NA
113-48-4	MGK-264	0.20	NA	NA	NA	NA	NA
2212-67-1	Molinate	0.20	NA	NA	NA	NA	NA
91-20-3	Naphthalene	NA	2.5	2.5	0.5	2.5	NA
130-15-4	1,4- Naphthoquinone	NA	2.5	2.5	0.5	2.5	NA
15299-99-7	Napropamide	0.20	NA	NA	NA	NA	NA
88-74-4	2- Nitroaniline	NA	2.5	2.5	0.5	2.5	NA
99-09-2	3- Nitroaniline	NA	2.5	2.5	0.5	2.5	NA
100-01-6	4- Nitroaniline	NA	2.5	2.5	0.5	2.5	NA
98-95-3	Nitrobenzene	NA	2.5	2.5	0.5	2.5	NA
99-55-8	5- Nitro-o-toluidine	NA	2.5	2.5	0.5	2.5	NA
88-75-5	2- Nitrophenol	NA	2.5	2.5	0.5	2.5	NA
100-02-7	4- Nitrophenol	NA	10.0	10.0	2.0	10.0	NA
55-18-5	n- Nitrosodiethylamine	NA	2.5	2.5	0.5	2.5	NA
62-75-9	n- Nitrosodimethylamine	NA	2.5	2.5	0.5	2.5	NA
924-16-3	n- Nitrosodi-n-butylamine	NA	2.5	2.5	0.5	2.5	NA
621-64-7	n- Nitroso-di-n-propylamine	NA	2.5	2.5	0.5	2.5	NA
10595-95-6	n- Nitrosomethylethylamine	NA	2.5	2.5	0.5	2.5	NA
59-89-2	n- Nitrosomorpholine	NA	2.5	2.5	0.5	2.5	NA
100-75-4	n- Nitrosopiperidine	NA	2.5	2.5	0.5	2.5	NA
930-55-2	n- Nitrosopyrrolidine	NA	2.5	2.5	0.5	2.5	NA
39765-80-5	trans- Nonachlor	0.20	NA	NA	NA	NA	NA
27314-13-2	Norflurazon	0.20	NA	NA	NA	NA	NA
40186-71-8	2,2',3,3',4,5',6,6'- Octachlorobiphenyl	0.20	NA	NA	NA	NA	NA
117-84-0	di-n- Octylphthalate	NA	1.25	1.25	0.25	1.25	NA
1114-71-2	Pebulate	0.20	NA	NA	NA	NA	NA
608-93-5	Pentachlorobenzene	NA	2.5	2.5	0.5	2.5	NA
60233-25-2	2,2',3',4,6- Pentachlorobiphenyl	0.20	NA	NA	NA	NA	NA
76-01-7	Pentachloroethane	NA	2.5	2.5	0.5	2.5	NA
82-68-8	Pentachloronitrobenzene	NA	2.5	2.5	0.5	2.5	NA
87-86-5	Pentachlorophenol	0.80	5.0	5.0	1.0	5.0	NA
54774-45-7	cis- Permethrin**	0.20	NA	NA	NA	NA	NA
51877-74-8	trans- Permethrin**	0.20	NA	NA	NA	NA	NA
85-01-8	Phenanthrene	0.20	2.5	2.5	0.5	2.5	NA
108-95-2	Phenol	NA	2.5	2.5	0.5	2.5	NA
298-02-2	Phorate	NA	2.5	2.5	0.5	2.5	NA
109-06-8	2- Picoline	NA	2.5	2.5	0.5	2.5	NA
7287-19-6	Prometryn	0.20	NA	NA	NA	NA	NA
23950-58-5	Pronamide	0.20	2.5	2.5	0.5	2.5	NA
1918-16-7	Propachlor	0.20	NA	NA	NA	NA	NA
139-40-2	Propazine	0.20	NA	NA	NA	NA	NA
129-00-0	Pyrene	0.20	1.25	1.25	0.25	1.25	NA
110-86-1	Pyridine	NA	2.5	2.5	0.5	2.5	NA
94-59-7	Safrole	NA	2.5	2.5	0.5	2.5	NA
122-34-9	Simazine	0.20	NA	NA	NA	NA	NA
1014-70-6	Simetryn	0.20	NA	NA	NA	NA	NA
22248-79-9	Stirofos	0.20	NA	NA	NA	NA	NA
3689-24-5	Sulfotep	NA	2.5	2.5	0.5	2.5	NA
5902-51-2	Terbacil	0.20	NA	NA	NA	NA	NA
886-50-0	Terbutryn	0.20	NA	NA	NA	NA	NA
98-55-5	alpha- Terpeneol	NA	2.5	5.0	1.0	5.0	NA
95-94-3	1,2,4,5- Tetrachlorobenzene	NA	2.5	2.5	0.5	2.5	NA
2437-79-8	2,2',4,4'- Tetrachlorobiphenyl	0.20	NA	NA	NA	NA	NA
58-90-2	2,3,4,6- Tetrachlorophenol	NA	2.5	2.5	0.5	2.5	NA
297-97-2	Thionazine	NA	2.5	2.5	0.5	2.5	NA
95-53-4	o- Toluidine	NA	2.5	2.5	0.5	2.5	NA
43121-43-3	Triadimefon	0.20	NA	NA	NA	NA	NA
120-82-1	1,2,4- Trichlorobenzene	NA	2.5	2.5	0.5	2.5	NA
15862-07-4	2,4,5- Trichlorobiphenyl	0.20	NA	NA	NA	NA	NA

* Reporting limits vary with sample dilution, percent moisture, and other factors.

** RLs for this compound also vary with the isomer ratio.

NA = Not analyzed by this method.

Organic Section Analytical Methods Estimated Reporting Limits, Updated 7/12/2016

CAS No.	Compound	Drinking Water	Non-Drinking Water		Soil	COWS	Air
95-95-4	2,4,5- Trichlorophenol	NA	2.5	2.5	0.5	2.5	NA
88-06-2	2,4,6- Trichlorophenol	NA	2.5	2.5	0.5	2.5	NA
126-68-1	o,o,o- Triethylphosphorothioate	NA	2.5	2.5	0.5	2.5	NA
1582-09-8	Trifluralin	0.20	NA	NA	NA	NA	NA
1929-77-7	Vernolate	0.20	NA	NA	NA	NA	NA
	SAC:	NA	LOPAH 3520C & 8270D-SIM	LOPAH 3520C & 8270D-SIM	LOPAH 3545A & 8270D-SIM	NA	NA
	EPA Method:	NA	μg/L	μg/L	μg/Kg	NA	NA
	Units:	NA				NA	NA
83-32-9	Acenaphthene	NA	0.025	0.025	5.0	NA	NA
208-96-8	Acenaphthylene	NA	0.025	0.025	5.0	NA	NA
120-12-7	Anthracene	NA	0.025	0.025	5.0	NA	NA
56-55-3	Benz(a)anthracene	NA	0.025	0.025	5.0	NA	NA
50-32-8	Benzo(a)pyrene	NA	0.025	0.025	5.0	NA	NA
192-97-2	Benzo(e)pyrene	NA	0.025	0.025	5.0	NA	NA
56832-73-6	Benzo(b&j)fluoranthene	NA	0.050	0.050	10.0	NA	NA
191-24-2	Benzo(g,h,i)perylene	NA	0.025	0.025	5.0	NA	NA
207-08-9	Benzo(k)fluoranthene	NA	0.025	0.025	5.0	NA	NA
218-01-9	Chrysene	NA	0.025	0.025	5.0	NA	NA
53-70-3	Dibenz(a,h)anthracene	NA	0.025	0.025	5.0	NA	NA
132-64-9	Dibenzofuran	NA	0.025	0.025	5.0	NA	NA
57-97-6	7,12- Dimethylbenz(a)anthracene	NA	0.025	0.025	5.0	NA	NA
206-44-0	Fluoranthene	NA	0.025	0.025	5.0	NA	NA
86-73-7	Fluorene	NA	0.025	0.025	5.0	NA	NA
193-39-5	Indeno(1,2,3-cd)pyrene	NA	0.025	0.025	5.0	NA	NA
56-49-5	3- Methylcholanthrene	NA	0.025	0.025	5.0	NA	NA
90-12-0	1- Methylnaphthalene	NA	0.025	0.025	5.0	NA	NA
91-57-6	2- Methylnaphthalene	NA	0.025	0.025	5.0	NA	NA
91-20-3	Naphthalene	NA	0.025	0.025	5.0	NA	NA
85-01-8	Phenanthrene	NA	0.025	0.025	5.0	NA	NA
129-00-0	Pyrene	NA	0.025	0.025	5.0	NA	NA
	SAC:	PSTDW	PSTWW	PSTSW	PSTSW	PSTSW	NA
	EPA Method:	508.1	608ATP	3535A/8081B	3546/8081B	3580A/8081B	NA
	Units:	μg/L	μg/L	μg/L	μg/kg	μg/kg	NA
15972-60-8	Alachlor	0.01	0.05	0.05	10.0	100	NA
309-00-2	Aldrin	0.01	0.05	0.05	10.0	100	NA
319-84-6	alpha- BHC	0.01	0.05	0.05	10.0	100	NA
319-85-7	beta- BHC	0.01	0.05	0.05	10.0	100	NA
319-86-8	delta- BHC	0.01	0.05	0.05	10.0	100	NA
58-89-9	gamma- BHC (Lindane)	0.01	0.05	0.05	10.0	100	NA
5103-71-9	alpha- Chlordane	0.01	0.05	0.05	10.0	100	NA
5103-74-2	gamma- Chlordane	0.01	0.05	0.05	10.0	100	NA
510-15-6	Chlorobenzilate	NA	0.05	0.05	10.0	100	NA
2675-77-6	Chloroneb	0.01	0.05	0.05	10.0	100	NA
2921-88-2	Chloropyrifos	0.01	0.05	0.05	10.0	100	NA
1897-45-6	Chlorthalonil	0.01	0.05	0.05	10.0	100	NA
21725-46-2	Cyanazine	NA	0.05	0.05	10.0	100	NA
1861-32-1	Dacthal (DCPA)	0.01	0.05	0.05	10.0	100	NA
72-54-8	4,4'- DDD	0.01	0.05	0.05	10.0	100	NA
72-55-9	4,4'- DDE	0.01	0.05	0.05	10.0	100	NA
50-29-3	4,4'- DDT	0.01	0.05	0.05	10.0	100	NA
60-57-1	Dieldrin	0.01	0.05	0.05	10.0	100	NA
959-98-8	Endosulfan I	0.01	0.05	0.05	10.0	100	NA
33213-65-9	Endosulfan II	0.01	0.05	0.05	10.0	100	NA
1031-07-8	Endosulfan sulfate	0.01	0.05	0.05	10.0	100	NA
72-20-8	Endrin	0.01	0.05	0.05	10.0	100	NA
7421-93-4	Endrin aldehyde	0.01	0.05	0.05	10.0	100	NA
53494-70-5	Endrin ketone	0.01	0.05	0.05	10.0	100	NA
2593-15-9	Etridiazole	0.01	0.05	0.05	10.0	100	NA

* Reporting limits vary with sample dilution, percent moisture, and other factors.

** RLs for this compound also vary with the isomer ratio.

NA = Not analyzed by this method.

Organic Section Analytical Methods Estimated Reporting Limits, Updated 7/12/2016

CAS No.	Compound	Drinking Water	Non-Drinking Water		Soil	COWS	Air
76-44-8	Heptachlor	0.01	0.05	0.05	10.0	100	NA
1024-57-3	Heptachlor epoxide	0.01	0.05	0.05	10.0	100	NA
77-47-4	Hexachlorobenzene	0.01	0.05	0.05	10.0	100	NA
118-74-1	Hexachlorocyclopentadiene	0.01	0.05	0.05	10.0	100	NA
72-43-5	Methoxychlor	0.01	0.05	0.05	10.0	100	NA
51218-45-2	Metolachlor	0.01	0.05	0.05	10.0	100	NA
21087-64-9	Metribuzin	NA	0.05	0.05	10.0	100	NA
54774-45-7	<i>cis</i> - Permethrin**	0.01	0.05	0.05	10.0	100	NA
51877-74-8	<i>trans</i> - Permethrin**	0.01	0.05	0.05	10.0	100	NA
1918-16-7	Propachlor	0.01	0.05	0.05	10.0	100	NA
1582-09-8	Trifluralin	0.01	0.05	0.05	10.0	100	NA
	SAC:	PCBDW	PCBWW	PCBSW	PCBSW	PCBSW	NA
	EPA Method:	508.1	608ATP	3535A/8082A	3546/8082A	3580A/8082A	NA
	Units:	µg/L	µg/L	µg/L	mg/kg	mg/kg	NA
11104-28-2	Aroclor-1221	0.05	0.25	0.25	0.05	0.50	NA
12674-11-2	Aroclor 1016	0.05	0.25	0.25	0.05	0.50	NA
11141-16-5	Aroclor-1232	0.05	0.25	0.25	0.05	0.50	NA
53469-21-9	Aroclor-1242	0.05	0.25	0.25	0.05	0.50	NA
12672-29-6	Aroclor-1248	0.05	0.25	0.25	0.05	0.50	NA
11097-69-1	Aroclor-1254	0.05	0.25	0.25	0.05	0.50	NA
11096-82-5	Aroclor-1260	0.05	0.25	0.25	0.05	0.50	NA
	SAC:	TCXDW	TCXWW	TCXSW	TCXSW	TCXSW	NA
	EPA Method:	508.1	608ATP	3535A/8081B	3546/8081B	3580A/8081B	NA
	Units:	µg/L	µg/L	µg/L	mg/kg	mg/kg	NA
12789-03-6	Technical Chlordane	0.05	0.25	0.25	0.05	0.50	NA
8001-35-2	Toxaphene	0.10	0.50	0.50	0.10	1.0	NA
	SAC:	HRBDW	HRBSW	HRBSW	HRBSW	HRBSW	NA
	EPA Method:	555	8321B	8321B	1311/8321B	1311/8321B	NA
	Units:	µg/L	µg/L	µg/L	µg/L	µg/L	NA
50594-66-6	Acifluorfen	0.5	0.5	0.5	0.5	0.5	NA
25057-89-0	Bentazon	0.5	0.5	0.5	0.5	0.5	NA
133-90-4	Choramben	0.5	0.5	0.5	0.5	0.5	NA
94-75-7	2,4- D	0.5	0.5	0.5	0.5	0.5	NA
94-82-6	2,4- DB	0.5	0.5	0.5	0.5	0.5	NA
1918-00-9	Dicamba	0.5	0.5	0.5	0.5	0.5	NA
51-36-5	3,5- Dichlorobenzoic acid	0.5	0.5	0.5	0.5	0.5	NA
120-36-5	Dichloroprop	0.5	0.5	0.5	0.5	0.5	NA
88-85-7	Dinoseb	0.5	0.5	0.5	0.5	0.5	NA
94-74-6	MCPA	0.5	0.5	0.5	0.5	0.5	NA
93-65-2	MCPP	0.5	0.5	0.5	0.5	0.5	NA
100-02-7	4- Nitrophenol	0.5	0.5	0.5	0.5	0.5	NA
87-86-5	Pentachlorophenol (PCP)	0.5	0.5	0.5	0.5	0.5	NA
1918-02-1	Picloram	0.5	0.5	0.5	0.5	0.5	NA
93-76-5	2,4,5- T	0.5	0.5	0.5	0.5	0.5	NA
93-72-1	2,4,5- TP (Silvex)	0.5	0.5	0.5	0.5	0.5	NA
	SAC:	CARBM	CARBM	CARBM	NA	NA	NA
	EPA Method:	531.1	531.1	531.1	NA	NA	NA
	Units:	µg/L	µg/L	µg/L	NA	NA	NA
116-06-3	Aldicarb (Temik)	2.0	2.0	2.0	NA	NA	NA
1646-88-4	Aldicarb Sulfone	2.0	2.0	2.0	NA	NA	NA
1646-87-3	Aldicarb Sulfoxide	2.0	2.0	2.0	NA	NA	NA
63-25-2	Carbaryl (Sevin)	2.0	2.0	2.0	NA	NA	NA
1563-66-2	Carbofuran	2.0	2.0	2.0	NA	NA	NA
16655-82-6	3- Hydroxycarbofuran	2.0	2.0	2.0	NA	NA	NA
2032-65-7	Methiocarb (Mesurol)	2.0	2.0	2.0	NA	NA	NA

* Reporting limits vary with sample dilution, percent moisture, and other factors.

** RLs for this compound also vary with the isomer ratio.

NA = Not analyzed by this method.

Organic Section Analytical Methods Estimated Reporting Limits, Updated 7/12/2016

CAS No.	Compound	Drinking Water	Non-Drinking Water		Soil	COWS	Air
16752-77-5	Methomyl (Lannate)	2.0	2.0	2.0	NA	NA	NA
23135-22-0	Oxamyl	2.0	2.0	2.0	NA	NA	NA
114-26-1	Propoxur (Baygon)	2.0	2.0	2.0	NA	NA	NA
	SAC:	HAA5	HAA5	HAA5	NA	NA	NA
	EPA Method:	552.2	552.2	552.2	NA	NA	NA
	Units:	µg/L	µg/L	µg/L	NA	NA	NA
631-64-1	Dibromoacetic acid	1.0	1.0	1.0	NA	NA	NA
79-43-6	Dichloroacetic acid	1.0	1.0	1.0	NA	NA	NA
79-08-3	Monobromoacetic acid	1.0	1.0	1.0	NA	NA	NA
79-11-8	Monochloroacetic acid	2.0	2.0	2.0	NA	NA	NA
76-03-9	Trichloroacetic acid	1.0	1.0	1.0	NA	NA	NA
	SAC:	DALPN	DALPN	DALPN	NA	NA	NA
	EPA Method:	552.2	552.2	552.2	NA	NA	NA
	Units:	µg/L	µg/L	µg/L	NA	NA	NA
75-99-0	Dalapon	1.0	1.0	1.0	NA	NA	NA
	SAC:	GLYPH	GLYPH	GLYPH	NA	NA	NA
	EPA Method:	547	547	547	NA	NA	NA
	Units:	µg/L	µg/L	µg/L	NA	NA	NA
1071-83-6	Glyphosate	10	10	10	NA	NA	NA
	SAC:	DIQUT	DIQUT	DIQUT	NA	NA	NA
	EPA Method:	549.2	549.2	549.2	NA	NA	NA
	Units:	µg/L	µg/L	µg/L	NA	NA	NA
85-00-7	Diquat	0.5	0.5	0.5	NA	NA	NA
1910-42-5	Paraquat	0.5	0.5	0.5	NA	NA	NA
	SAC:	ENDO	ENDO	ENDO	NA	NA	NA
	EPA Method:	548.1	548.1	548.1	NA	NA	NA
	Units:	µg/L	µg/L	µg/L	NA	NA	NA
145-73-3	Endothall	5.0	5.0	5.0	NA	NA	NA
	SAC:	FORML	FORML	FORML	FORML	FORML	NA
	EPA Method:	8315A	8315A	1311/8315A	1311/8315A	1311/8315A	NA
	Units:	µg/L	µg/L	µg/L	µg/L	µg/L	NA
50-00-0	Formaldehyde	21.5	21.5	21.5	21.5	21.5	NA
	SAC:	WSOLX	WSOLX	WSOLX	NA	NA	NA
	EPA Method:	3535A/8015D	3535A/8015D	3535A/8015D	NA	NA	NA
	Units:	mg/L	mg/L	mg/L	NA	NA	NA
107-21-1	Ethylene Glycol	0.25	0.25	0.25	NA	NA	NA
57-55-6	Propylene Glycol	0.25	0.25	0.25	NA	NA	NA
111-46-6	Diethylene glycol	0.25	0.25	0.25			
112-27-6	Triethylene glycol	0.25	0.25	0.25			
111-76-2	2-Butoxyethanol	0.25	0.25	0.25			
	SAC:	WSOLA	WSOLA	WSOLA	NA	NA	NA
	EPA Method:	8015D	8015D	8015D	NA	NA	NA
	Units:	mg/L	mg/L	mg/L	NA	NA	NA
67-56-1	Methanol	0.5	0.5	0.5	NA	NA	NA
64-17-5	Ethanol	0.5	0.5	0.5	NA	NA	NA
67-63-0	Isopropanol	0.5	0.5	0.5	NA	NA	NA
111-76-2	2-Butoxyethanol	0.5	0.5	0.5			

* Reporting limits vary with sample dilution, percent moisture, and other factors.

** RLs for this compound also vary with the isomer ratio.

NA = Not analyzed by this method.

Organic Section Analytical Methods Estimated Reporting Limits, Updated 7/12/2016

CAS No.	Compound	Drinking Water	Non-Drinking Water		Soil	COWS	Air
	SAC:	METH	METH	METH	NA	NA	NA
	EPA Method:	BOL6019	BOL6019	BOL6019	NA	NA	NA
	Units:	µg/L	µg/L	µg/L	NA	NA	NA
74-82-8	Methane	11.6	11.6	11.6	NA	NA	NA
74-84-0	Ethane	12.4	12.4	12.4	NA	NA	NA
74-85-1	Ethene	29.8	29.8	29.8	NA	NA	NA
74-98-6	Propane	14.2	14.2	14.2	NA	NA	NA
	SAC:	NA	NA	NA	NA	NA	DNPH1
	EPA Method:	NA	NA	NA	NA	NA	8315A
	Units:	NA	NA	NA	NA	NA	µg/cartridge
75-07-0	Acetaldehyde	NA	NA	NA	NA	NA	0.10
67-64-1	Acetone	NA	NA	NA	NA	NA	0.10
100-52-7	Benzaldehyde	NA	NA	NA	NA	NA	0.10
123-72-8	Butyraldehyde	NA	NA	NA	NA	NA	0.10
123-73-9	Crotonaldehyde	NA	NA	NA	NA	NA	0.10
50-00-0	Formaldehyde	NA	NA	NA	NA	NA	0.10
590-86-3	Isovaleraldehyde	NA	NA	NA	NA	NA	0.10
123-38-6	Propionaldehyde	NA	NA	NA	NA	NA	0.10

* Reporting limits vary with sample dilution, percent moisture, and other factors.

** RLs for this compound also vary with the isomer ratio.

NA = Not analyzed by this method.