TCEQ Tier 1 PCL Tables
Last update: April 12, 2005

Chemical of Concern	CAS	(mg/L)	$^{GW}GW_{Ing}$ [2] ug/L			Chemical of Concern	Carcinogenic (mg/kg)			cancer adjusted to 1E-06 ug/kg
Acenaphthene	83-32-9	1.5E+00	1466.517857	n	1466.517857	Acenaphthene	3.0E+03	n	3.0E+06	3.0E+06
Acenaphthylene	208-96-8	1.5E+00	1466.517857	n	1466.517857	Acenaphthylene	3.8E+03	n	3.8E+06	3.8E+06
Acetaldehyde	75-07-0	2.4E+00	2444.196429	n	2444.196429	Acetaldehyde	1.4E+02	n	1.4E+05	1.4E+05
Acetate, 2-ethoxyethanol	111-15-9	4.2E-01	415.5133929	n	415.5133929	Acetate, 2-ethoxyethanol	9.2E+02	n	9.2E+05	9.2E+05
Acetate, isoamyl	123-92-2	1.8E+00	1759.821429	n	1759.821429	Acetate, isoamyl	2.9E+03	n	2.9E+06	2.9E+06
Acetate, isobutyl	110-19-0	1.2E+00	1173.214286	n	1173.214286	Acetate, isobutyl	2.6E+03	n	2.6E+06	2.6E+06
Acetate, sec-butyl	105-46-4	1.2E+00	1173.214286	n	1173.214286	Acetate, sec-butyl	3.1E+03	n	3.1E+06	3.1E+06
Acetic acid*	64-19-7	---	NA	---	NA	Acetic acid*	---	---	---	---
Acetone (2-propanone)	67-64-1	2.2E+01	21997.76786	n	21997.76786	Acetone (2-propanone)	9.8E+03	n	9.8E+06	9.8E+06
Acetone cyanohydrin	75-86-5	2.0E-02	19.55357143	n	19.55357143	Acetone cyanohydrin	4.5E+01	n	4.5E+04	4.5E+04
Acetonitrile	75-05-8	7.8E-01	782.1428571	n	782.1428571	Acetonitrile	8.7E+02	n	8.7E+05	8.7E+05
Acetophenone	98-86-2	2.4E+00	2444.196429	n	2444.196429	Acetophenone	2.8E+03	n	2.8E+06	2.8E+06
Acetylaminofluorene, 2-	53-96-3	2.4E-04	0.240131579	c	0.024013158	Acetylaminofluorene, 2-	1.2E+00	c	1.2E+03	1.2E+02
Acifluorfen, sodium	62476-59-9	3.2E-01	317.7455357	n	317.7455357	Acifluorfen, sodium	7.6E+02	n	7.6E+05	7.6E+05
Acridine	260-94-6	7.3E-02	73.32589286	n	73.32589286	Acridine	2.0E+02	n	2.0E+05	2.0E+05
Acrolein	107-02-8	1.2E-02	12.22098214	n	12.22098214	Acrolein	1.1E+00	n	1.1E+03	1.1E+03
Acrylamide	79-06-1	2.0E-04	0.202777778	c	0.020277778	Acrylamide	7.0E-01	c	7.0E+02	7.0E+01
Acrylic acid (propenoic acid)	79-10-7	1.2E+01	12220.98214	n	12220.98214	Acrylic acid (propenoic acid)	1.2E+02	n	1.2E+05	1.2E+05
Acrylonitrile	107-13-1	1.7E-03	1.689814815	c	0.168981481	Acrylonitrile	3.6E+00	c	3.6E+03	3.6E+02
Adipic acid (hexanedioic acid)	124-04-9	1.2E+02	122209.8214	n	122209.8214	Adipic acid (hexanedioic acid)	7.5E+02	n	7.5E+05	7.5E+05
Alachlor	15972-60-8	2.0E-03	2	m	2	Alachlor	5.9E+01	c	5.9E+04	5.9E+03
Aldicarb	116-06-3	7.0E-03	7	m	7	Aldicarb	6.7E+01	n	6.7E+04	6.7E+04
Aldicarb sulfone	1646-88-4	7.0E-03	7	m	7	Aldicarb sulfone	6.7E+01	n	6.7E+04	6.7E+04
Aldrin	309-00-2	5.4E-05	0.053676471	c	0.005367647	Aldrin	5.0E-02	c	5.0E+01	5.0E+00
Allyl alcohol	107-18-6	1.2E-01	122.2098214	n	122.2098214	Allyl alcohol	1.6E+02	n	1.6E+05	1.6E+05
Allyl chloride	107-05-1	2.4E-01	244.4196429	n	244.4196429	Allyl chloride	1.5E+01	n	1.5E+04	1.5E+04
Aluminum	7429-90-5	2.4E+01	24441.96429	n	24441.96429	Aluminum	6.5E+04	n	6.5E+07	6.5E+07
Ametryn	834-12-8	2.2E-01	219.9776786	n	219.9776786	Ametryn	6.0E+02	n	6.0E+05	6.0E+05
Aminobiphenyl, 4- (1,1-biphenyl-4-amine)	92-67-1	1.5E-04	0.149590164	c	0.014959016	Aminobiphenyl, 4- (1,1-biphenyl-4-amine)	7.7E-01	c	7.7E+02	7.7E+01
Amino-2,6-dinitrotoluene, 4-	19406-51-0	4.1E-03	4.073660714	n	4.073660714	Amino-2,6-dinitrotoluene, 4-	9.8E+00	n	9.8E+03	9.8E+03
Amino-4,6-dinitrotoluene, 2-	35572-78-2	4.1E-03	4.073660714	n	4.073660714	Amino-4,6-dinitrotoluene, 2-	1.0E+01	n	1.0E+04	1.0E+04
Aminopyridine, 4-	504-24-5	4.9E-04	0.488839286	n	0.488839286	Aminopyridine, 4-	1.3E+00	n	1.3E+03	1.3E+03
Ammonia	7664-41-7	---	NA	---	NA	Ammonia	1.5E+03	n	1.5E+06	1.5E+06
Ammonium polyphosphate*	68333-79-9	---	NA	---	NA	Ammonium polyphosphate*	---	---	---	---
Ammonium salts*	NA	---	NA	---	NA	Ammonium salts*	---	---	---	---
Aniline	62-53-3	1.6E-01	160.0877193	c	16.00877193	Aniline	1.0E+02	n	1.0E+05	1.0E+05
Anthracene	120-12-7	7.3E+00	7332.589286	n	7332.589286	Anthracene	1.8E+04	n	1.8E+07	1.8E+07
Anthraquinone, 9,10-	84-65-1	4.9E-01	488.8392857	n	488.8392857	Anthraquinone, 9,10-	1.3E+03	n	1.3E+06	1.3E+06
Antimony	7440-36-0	6.0E-03	6	m	6	Antimony	1.5E+01	n	1.5E+04	1.5E+04
Aramite	140-57-8	3.7E-02	36.5	c	3.65	Aramite	1.1E+02	c	1.1E+05	1.1E+04
Arsenic	7440-38-2	1.0E-02	10	m	10	Arsenic	2.4E+01	n	2.4E+04	2.4E+04
Arsine	7784-42-1	---	NA	---	NA	Arsine	7.7E-01	n	7.7E+02	7.7E+02
Asbestos	1332-21-4	---	NA	---	NA	Asbestos	2.9E+03	c	2.9E+06	2.9E+05
Atrazine	1912-24-9	3.0E-03	3	m	3	Atrazine	2.1E+01	c	2.1E+04	2.1E+03
Azinphos-methyl (guthion)	86-50-0	3.7E-02	36.66294643	n	36.66294643	Azinphos-methyl (guthion)	1.0E+02	n	1.0E+05	1.0E+05
Azobenzene	103-33-3	8.3E-03	8.295454545	c	0.829545455	Azobenzene	3.7E+01	c	3.7E+04	3.7E+03
Barium	7440-39-3	2.0E+00	2000	m	2000	Barium	2.8E+03	n	2.8E+06	2.8E+06
Bayleton	43121-43-3	7.3E-01	733.2589286	n	733.2589286	Bayleton	2.0E+03	n	2.0E+06	2.0E+06
Benefin (benfluralin)	1861-40-1	7.3E+00	7332.589286	n	7332.589286	Benefin (benfluralin)	1.9E+04	n	1.9E+07	1.9E+07
Benomyl	17804-35-2	1.2E+00	1222.098214	n	1222.098214	Benomyl	3.3E+03	n	3.3E+06	3.3E+06
Benz-a-anthracene	56-55-3	1.3E-03	1.25	c	0.125	Benz-a-anthracene	5.7E+00	c	5.7E+03	5.7E+02
Benzaldehyde	100-52-7	2.4E+00	2444.196429	n	2444.196429	Benzaldehyde	4.5E+02	n	4.5E+05	4.5E+05
Benzene	71-43-2	5.0E-03	5	m	5	Benzene	3.2E+01	c	3.2E+04	3.2E+03
Benzenedicarbonitrile, 1,3-	626-17-5	1.5E-01	146.6517857	n	146.6517857	Benzenedicarbonitrile, 1,3-	4.0E+02	n	4.0E+05	4.0E+05
Benzenethiol	108-98-5	2.4E-04	0.244419643	n	0.244419643	Benzenethiol	7.4E-01	n	7.4E+02	7.4E+02

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Benzidine	92-87-5	4.0E-06	0.003967391	c	0.000396739	Benzidine	1.5E-02	c	1.5E+01	1.5E+00
Benzo-a-pyrene	50-32-8	2.0E-04	0.2	m	0.2	Benzo-a-pyrene	5.6E-01	c	5.6E+02	5.6E+01
Benzo-b-fluoranthene	205-99-2	1.3E-03	1.25	c	0.125	Benzo-b-fluoranthene	5.7E+00	c	5.7E+03	5.7E+02
Benzo-j-fluoranthene	205-82-3	1.3E-03	1.25	c	0.125	Benzo-j-fluoranthene	5.4E+00	c	5.4E+03	5.4E+02
Benzo-e-pyrene	192-97-2	7.3E-01	733.2589286	n	733.2589286	Benzo-e-pyrene	1.8E+03	n	1.8E+06	1.8E+06
Benzo-g,h,i-perylene	191-24-2	7.3E-01	733.2589286	n	733.2589286	Benzo-g,h,i-perylene	1.8E+03	n	1.8E+06	1.8E+06
Benzoic acid	65-85-0	9.8E+01	97767.85714	n	97767.85714	Benzoic acid	6.9E+02	n	6.9E+05	6.9E+05
Benzo-k-fluoranthene	207-08-9	1.3E-02	12.5	c	1.25	Benzo-k-fluoranthene	5.7E+01	c	5.7E+04	5.7E+03
Benzophenone	119-61-9	1.6E-01	163.7611607	n	163.7611607	Benzophenone	4.5E+02	n	4.5E+05	4.5E+05
Benzotrichloride	98-07-7	7.0E-05	0.070192308	c	0.007019231	Benzotrichloride	3.6E-01	c	3.6E+02	3.6E+01
Benzoyl peroxide	94-36-0	1.2E+00	1222.098214	n	1222.098214	Benzoyl peroxide	2.3E+03	n	2.3E+06	2.3E+06
Benzyl alcohol	100-51-6	7.3E+00	7332.589286	n	7332.589286	Benzyl alcohol	6.2E+03	n	6.2E+06	6.2E+06
Benzyl chloride	100-44-7	5.4E-03	5.367647059	c	0.536764706	Benzyl chloride	3.6E+01	c	3.6E+04	3.6E+03
Benzyl dichloride	98-87-3	5.4E-03	5.367647059	c	0.536764706	Benzyl dichloride	2.8E+01	c	2.8E+04	2.8E+03
Beryllium	7440-41-7	4.0E-03	4	m	4	Beryllium	3.8E+01	n	3.8E+04	3.8E+04
Biphenyl, 1,1-	92-52-4	1.2E+00	1222.098214	n	1222.098214	Biphenyl, 1,1-	2.5E+02	n	2.5E+05	2.5E+05
Biquinoline, 2,2'-	119-91-5	7.3E-02	73.32589286	n	73.32589286	Biquinoline, 2,2'-	1.8E+02	n	1.8E+05	1.8E+05
Bis (2-chloroethoxy) methane	111-91-1	8.3E-04	0.829545455	c	0.082954545	Bis (2-chloroethoxy) methane	3.1E+00	c	3.1E+03	3.1E+02
Bis (2-chloroethyl) ether	111-44-4	8.3E-04	0.829545455	c	0.082954545	Bis (2-chloroethyl) ether	2.2E+00	c	2.2E+03	2.2E+02
Bis (2-chloroisopropyl) ether	108-60-1	1.3E-02	13.03571429	c	1.303571429	Bis (2-chloroisopropyl) ether	5.1E+01	c	5.1E+04	5.1E+03
Bis (2-chloromethyl) ether	542-88-1	4.1E-06	0.004147727	c	0.000414773	Bis (2-chloromethyl) ether	4.8E-03	c	4.8E+00	4.8E-01
Bis (2-ethyl-hexyl) phthalate	117-81-7	6.0E-03	6	m	6	Bis (2-ethyl-hexyl) phthalate	4.3E+01	c	4.3E+04	4.3E+03
Bismuth	7440-69-9	1.2E+01	12220.98214	n	12220.98214	Bismuth	3.7E+04	n	3.7E+07	3.7E+07
Bisphenol A	80-05-7	1.2E+00	1222.098214	n	1222.098214	Bisphenol A	3.2E+03	n	3.2E+06	3.2E+06
Boron	7440-42-8	4.9E+00	4888.392857	n	4888.392857	Boron	1.6E+04	n	1.6E+07	1.6E+07
Bromacil	314-40-9	2.4E+00	2444.196429	n	2444.196429	Bromacil	6.7E+03	n	6.7E+06	6.7E+06
Bromobenzene	108-86-1	4.9E-01	488.8392857	n	488.8392857	Bromobenzene	1.5E+02	n	1.5E+05	1.5E+05
Bromo-2-chloroethane, 1-	107-04-0	9.8E-01	977.6785714	n	977.6785714	Bromo-2-chloroethane, 1-	6.2E+02	n	6.2E+05	6.2E+05
Bromodichloromethane[6]	75-27-4	1.5E-02	14.71774194	c	1.471774194	Bromodichloromethane	9.8E+01	c	9.8E+04	9.8E+03
Bromoform[6]	75-25-2	1.2E-01	115.5063291	c	11.55063291	Bromoform	4.0E+02	c	4.0E+05	4.0E+04
Bromomethane (methyl bromide)	74-83-9	3.4E-02	34.21875	n	34.21875	Bromomethane (methyl bromide)	4.6E+01	n	4.6E+04	4.6E+04
Bromophenyl phenylether, 4-	101-55-3	6.1E-05	0.060833333	c	0.006083333	Bromophenyl phenylether, 4-	2.8E-01	c	2.8E+02	2.8E+01
Butadiene, 1,3-	106-99-0	---	NA	---	NA	Butadiene, 1,3-	1.2E+01	c	1.2E+04	1.2E+03
Butadiene, 2-methyl-1,3- (isoprene)	78-79-5	1.5E+00	1466.517857	n	1466.517857	Butadiene, 2-methyl-1,3- (isoprene)	4.8E+03	n	4.8E+06	4.8E+06
Butanal (butyraldehyde)	123-72-8	1.5E+00	1466.517857	n	1466.517857	Butanal (butyraldehyde)	3.5E+03	n	3.5E+06	3.5E+06
Butane, 2,3-dimethyl-	79-29-8	1.5E+00	1466.517857	n	1466.517857	Butane, 2,3-dimethyl-	4.8E+03	n	4.8E+06	4.8E+06
Butanoic acid (butyric acid)	107-92-6	1.2E+01	12220.98214	n	12220.98214	Butanoic acid (butyric acid)	1.3E+02	n	1.3E+05	1.3E+05
Butanol, 2-	78-92-2	2.4E+00	2444.196429	n	2444.196429	Butanol, 2-	5.2E+03	n	5.2E+06	5.2E+06
Butanol, 2-methyl-2-	75-85-4	2.4E-01	244.4196429	n	244.4196429	Butanol, 2-methyl-2-	8.0E+02	n	8.0E+05	8.0E+05
Butanol, n-	71-36-3	2.4E+00	2444.196429	n	2444.196429	Butanol, n-	2.9E+03	n	2.9E+06	2.9E+06
Butene, 1-	106-98-9	1.5E+00	1466.517857	n	1466.517857	Butene, 1-	4.8E+03	n	4.8E+06	4.8E+06
Butene, cis-2-	590-18-1	1.5E+00	1466.517857	n	1466.517857	Butene, cis-2-	4.8E+03	n	4.8E+06	4.8E+06
Butene, trans-2-	624-64-6	1.5E+00	1466.517857	n	1466.517857	Butene, trans-2-	4.8E+03	n	4.8E+06	4.8E+06
Butoxy ethanol, 2- (Ethylene glycol monobutyl ether; EGBE)	111-76-2	1.2E+01	12220.98214	n	12220.98214	Butoxy ethanol, 2- (Ethylene glycol monobutyl ether; EGBE)	3.3E+04	n	3.3E+07	3.3E+07
Butyl acetate	123-86-4	3.4E+00	3421.875	n	3421.875	Butyl acetate	1.1E+03	n	1.1E+06	1.1E+06
Butyl acrylate	141-32-2	2.2E-01	219.9776786	n	219.9776786	Butyl acrylate	1.1E+02	n	1.1E+05	1.1E+05
Butyl benzyl phthalate	85-68-7	4.9E+00	4888.392857	n	4888.392857	Butyl benzyl phthalate	7.3E+03	n	7.3E+06	7.3E+06
Butylate	2008-41-5	1.2E+00	1222.098214	n	1222.098214	Butylate	3.3E+03	n	3.3E+06	3.3E+06
Butylbenzene, n-	104-51-8	9.8E-01	977.6785714	n	977.6785714	Butylbenzene, n-	1.9E+03	n	1.9E+06	1.9E+06
Butylbenzene, sec-	135-98-8	9.8E-01	977.6785714	n	977.6785714	Butylbenzene, sec-	2.1E+03	n	2.1E+06	2.1E+06
Butylbenzene, tert-	98-06-6	9.8E-01	977.6785714	n	977.6785714	Butylbenzene, tert-	1.9E+03	n	1.9E+06	1.9E+06
Butyl ether, n- (dibutyl ether)	142-96-1	2.4E+00	2444.196429	n	2444.196429	Butyl ether, n- (dibutyl ether)	1.8E+03	n	1.8E+06	1.8E+06
Cacodylic acid	75-60-5	7.3E-02	73.32589286	n	73.32589286	Cacodylic acid	2.0E+02	n	2.0E+05	2.0E+05
Cadmium	7440-43-9	5.0E-03	5	m	5	Cadmium	5.2E+01	n	5.2E+04	5.2E+04
Calcium*	7440-70-2	---	NA	---	NA	Calcium*	---	---	---	---
Caprolactam	105-60-2	1.2E+01	12220.98214	n	12220.98214	Caprolactam	3.2E+02	n	3.2E+05	3.2E+05
Captan	133-06-2	2.6E-01	260.7142857	c	26.07142857	Captan	1.3E+03	c	1.3E+06	1.3E+05
Carbaryl	63-25-2	2.4E+00	2444.196429	n	2444.196429	Carbaryl	2.5E+03	n	2.5E+06	2.5E+06
Carbazole	86-74-8	4.6E-02	45.625	c	4.5625	Carbazole	2.3E+02	c	2.3E+05	2.3E+04
Carbofuran	1563-66-2	4.0E-02	40	m	40	Carbofuran	3.1E+01	n	3.1E+04	3.1E+04

Carbon disulfide	75-15-0	2.4E+00	2444.196429	n	2444.196429	Carbon disulfide	4.6E+03	n	4.6E+06	4.6E+06
Carbon tetrachloride	56-23-5	5.0E-03	5	m	5	Carbon tetrachloride	1.6E+01	c	1.6E+04	1.6E+03
Carbophenothion	786-19-6	3.2E-01	317.7455357	n	317.7455357	Carbophenothion	8.2E+02	n	8.2E+05	8.2E+05
Carbosulfan	55285-14-8	2.4E-01	244.4196429	n	244.4196429	Carbosulfan	4.3E+02	n	4.3E+05	4.3E+05
Carboxin	5234-68-4	2.4E+00	2444.196429	n	2444.196429	Carboxin	6.7E+03	n	6.7E+06	6.7E+06
Chloral	75-87-6	2.4E+00	2444.196429	n	2444.196429	Chloral	6.9E+02	n	6.9E+05	6.9E+05
Chloral hydrate (1,1-ethanediol, 2,2,2-trichloro-)	302-17-0	2.4E+00	2444.196429	n	2444.196429	Chloral hydrate (1,1-ethanediol, 2,2,2-trichloro-)	7.5E+02	n	7.5E+05	7.5E+05
Chloramben (amiben; 3-amino-2,5-dichlorobenzoic acid)	133-90-4	3.7E-01	366.6294643	n	366.6294643	Chloramben (amiben; 3-amino-2,5-dichlorobenzoic acid)	1.0E+03	n	1.0E+06	1.0E+06
Chlordane (technical)	12789-03-6	2.0E-03	2	m	2	Chlordane (technical)	6.0E+00	c	6.0E+03	6.0E+02
Chlordane, cis- (alpha chlordane)	5103-71-9	2.6E-03	2.607142857	c	0.260714286	Chlordane, cis- (alpha chlordane)	1.3E+01	c	1.3E+04	1.3E+03
Chlordane, gamma	57-74-9	2.6E-03	2.607142857	c	0.260714286	Chlordane, gamma	7.4E+00	c	7.4E+03	7.4E+02
Chlorfenvinphos	470-90-6	1.7E-02	17.109375	n	17.109375	Chlorfenvinphos	1.4E+01	n	1.4E+04	1.4E+04
Chloride*	16887-00-6	---	NA	---	NA	Chloride*	---	---	---	---
Chlorine	7782-50-5	4.0E+00	4000	m	4000	Chlorine	2.3E+01	n	2.3E+04	2.3E+04
Chloroaniline, p-	106-47-8	9.8E-02	97.76785714	n	97.76785714	Chloroaniline, p-	2.2E+02	n	2.2E+05	2.2E+05
Chlorobenzene	108-90-7	1.0E-01	100	m	100	Chlorobenzene	5.9E+02	n	5.9E+05	5.9E+05
Chlorobenzilate	510-15-6	3.4E-03	3.37962963	c	0.337962963	Chlorobenzilate	1.7E+01	c	1.7E+04	1.7E+03
Chlorobromomethane (bromochloromethane)	74-97-5	9.8E-01	977.6785714	n	977.6785714	Chlorobromomethane (bromochloromethane)	6.2E+02	n	6.2E+05	6.2E+05
Chloro-1,3-butadiene, 2-	126-99-8	---	NA	---	NA	Chloro-1,3-butadiene, 2-	1.1E+02	n	1.1E+05	1.1E+05
Chlorodifluoromethane	75-45-6	---	NA	---	NA	Chlorodifluoromethane	7.7E+05	n	7.7E+08	7.7E+08
Chloroethane (ethyl chloride)	75-00-3	9.8E+00	9776.785714	n	9776.785714	Chloroethane (ethyl chloride)	2.7E+04	n	2.7E+07	2.7E+07
Chloroethanol, 2-	107-07-3	9.8E+00	9776.785714	n	9776.785714	Chloroethanol, 2-	3.4E+02	n	3.4E+05	3.4E+05
Chloroethoxy ethene, 2- (2-chloroethylvinylether)	110-75-8	8.3E-04	0.829545455	c	0.082954545	Chloroethoxy ethene, 2- (2-chloroethylvinylether)	4.5E+00	n	4.5E+03	4.5E+03
Chloroform[6]	67-66-3	2.4E-01	244.4196429	n	244.4196429	Chloroform	1.6E+01	c	1.6E+04	1.6E+03
Chlorohexane, 1-	544-10-5	9.8E-01	977.6785714	n	977.6785714	Chlorohexane, 1-	2.7E+03	n	2.7E+06	2.7E+06
Chloromethane (methyl chloride)	74-87-3	7.0E-02	70.19230769	c	7.019230769	Chloromethane (methyl chloride)	1.4E+02	c	1.4E+05	1.4E+04
Chloro-3-methylphenol, 4-	59-50-7	1.2E-01	122.2098214	n	122.2098214	Chloro-3-methylphenol, 4-	3.3E+02	n	3.3E+05	3.3E+05
Chloronaphthalene, 1- (Chloronaphthalene, alpha-)	90-13-1	2.0E+00	1955.357143	n	1955.357143	Chloronaphthalene, 1- (Chloronaphthalene, alpha-)	4.6E+03	n	4.6E+06	4.6E+06
Chloronaphthalene, 2- (chloronaphthalene, beta)	91-58-7	2.0E+00	1955.357143	n	1955.357143	Chloronaphthalene, 2- (chloronaphthalene, beta)	5.0E+03	n	5.0E+06	5.0E+06
Chloronitrobenzene, p- (1-chloro-4-nitrobenzene)	100-00-5	5.1E-02	50.69444444	c	5.069444444	Chloronitrobenzene, p- (1-chloro-4-nitrobenzene)	2.6E+02	c	2.6E+05	2.6E+04
Chlorophenol, 2-	95-57-8	1.2E-01	122.2098214	n	122.2098214	Chlorophenol, 2-	3.8E+02	n	3.8E+05	3.8E+05
Chlorophenol, 3-	108-43-0	1.2E-01	122.2098214	n	122.2098214	Chlorophenol, 3-	3.2E+02	n	3.2E+05	3.2E+05
Chlorophenol, 4-	106-48-9	1.2E-01	122.2098214	n	122.2098214	Chlorophenol, 4-	3.2E+02	n	3.2E+05	3.2E+05
Chlorophenyl phenylether, 4-	7005-72-3	6.1E-05	0.060833333	c	0.006083333	Chlorophenyl phenylether, 4-	1.6E-01	c	1.6E+02	1.6E+01
Chloropropane, 2-	75-29-6	7.3E-01	733.2589286	n	733.2589286	Chloropropane, 2-	9.4E+02	n	9.4E+05	9.4E+05
Chloro-2-propanol, 1-	127-00-4	4.9E-01	488.8392857	n	488.8392857	Chloro-2-propanol, 1-	1.6E+03	n	1.6E+06	1.6E+06
Chlorothalonil	1897-45-6	8.3E-02	82.95454545	c	8.295454545	Chlorothalonil	4.3E+02	c	4.3E+05	4.3E+04
Chlorotoluene, o- (2-chlorotoluene)	95-49-8	4.9E-01	488.8392857	n	488.8392857	Chlorotoluene, o- (2-chlorotoluene)	1.0E+03	n	1.0E+06	1.0E+06
Chlorotoluene, p- (4-chlorotoluene)	106-43-4	4.9E-01	488.8392857	n	488.8392857	Chlorotoluene, p- (4-chlorotoluene)	4.8E+00	n	4.8E+03	4.8E+03
Chlorpyrifos	2921-88-2	7.3E-02	73.32589286	n	73.32589286	Chlorpyrifos	9.3E+01	n	9.3E+04	9.3E+04
Chromium (III) (total chromium)	16065-83-1/ 7440-47-3	1.0E-01	100	m	100	Chromium (III) (total chromium)	3.0E+04	n	3.0E+07	3.0E+07
Chromium (VI)	18540-29-9	1.0E-01	100	m	100	Chromium (VI)	1.2E+02	n	1.2E+05	1.2E+05
Chrysene	218-01-9	1.3E-01	125	c	12.5	Chrysene	5.6E+02	c	5.6E+05	5.6E+04
Cobalt	7440-48-4	1.5E+00	1466.517857	n	1466.517857	Cobalt	4.0E+03	n	4.0E+06	4.0E+06
Copolymer acrylamide	69418-26-4	4.9E-03	4.888392857	n	4.888392857	Copolymer acrylamide	2.8E+00	n	2.8E+03	2.8E+03
Copper	7440-50-8	1.3E+00	1300	a	1300	Copper	5.5E+02	n	5.5E+05	5.5E+05
Coronene	191-07-1	4.9E-02	48.88392857	n	48.88392857	Coronene	1.3E+02	n	1.3E+05	1.3E+05
Coumaphos	56-72-4	1.7E-01	171.09375	n	171.09375	Coumaphos	4.3E+02	n	4.3E+05	4.3E+05
Cresol	1319-77-3	1.2E+00	1222.098214	n	1222.098214	Cresol	1.6E+03	n	1.6E+06	1.6E+06
Cresol, m- (3-methylphenol)	108-39-4	1.2E+00	1222.098214	n	1222.098214	Cresol, m- (3-methylphenol)	1.6E+03	n	1.6E+06	1.6E+06
Cresol, o- (2-methylphenol)	95-48-7	1.2E+00	1222.098214	n	1222.098214	Cresol, o- (2-methylphenol)	1.5E+03	n	1.5E+06	1.5E+06
Cresol, p- (4-methylphenol)	106-44-5	1.2E-01	122.2098214	n	122.2098214	Cresol, p- (4-methylphenol)	3.0E+02	n	3.0E+05	3.0E+05
Crotonaldehyde	123-73-9	4.8E-04	0.480263158	c	0.048026316	Crotonaldehyde	3.2E+00	c	3.2E+03	3.2E+02
Cumene (isopropylbenzene)	98-82-8	2.4E+00	2444.196429	n	2444.196429	Cumene (isopropylbenzene)	4.3E+03	n	4.3E+06	4.3E+06
Cyanazine	21725-46-2	1.1E-03	1.086309524	c	0.108630952	Cyanazine	5.6E+00	c	5.6E+03	5.6E+02
Cyanide	57-12-5	2.0E-01	200	m	200	Cyanide	1.6E+03	n	1.6E+06	1.6E+06
Cyanogen	460-19-5	9.8E-01	977.6785714	n	977.6785714	Cyanogen	2.9E+02	n	2.9E+05	2.9E+05
Cycloate	1134-23-2	1.3E+00	1344.308036	n	1344.308036	Cycloate	3.7E+03	n	3.7E+06	3.7E+06
Cyclohexane	110-82-7	1.2E+02	122209.8214	n	122209.8214	Cyclohexane	7.5E+04	n	7.5E+07	7.5E+07
Cyclohexanol	108-93-0	1.2E+02	122209.8214	n	122209.8214	Cyclohexanol	2.9E+04	n	2.9E+07	2.9E+07

Cyclohexanone	108-94-1	1.2E+02	122209.8214	n	122209.8214	Cyclohexanone	4.9E+03	n	4.9E+06	4.9E+06
Cyclopentane, methyl-	96-37-7	2.4E+00	2444.196429	n	2444.196429	Cyclopentane, methyl-	5.3E+03	n	5.3E+06	5.3E+06
Cyclotetramethylenetetranitramine (HMX)	2691-41-0	1.2E+00	1222.098214	n	1222.098214	Cyclotetramethylenetetranitramine (HMX)	3.5E+02	n	3.5E+05	3.5E+05
Cyclotrimethylenetrinitramine (RDX)	121-82-4	8.3E-03	8.295454545	c	0.829545455	Cyclotrimethylenetrinitramine (RDX)	4.3E+01	c	4.3E+04	4.3E+03
Cymene (isopropyltoluene)	99-87-6	2.4E+00	2444.196429	n	2444.196429	Cymene (isopropyltoluene)	3.7E+03	n	3.7E+06	3.7E+06
Cymoxanil	57966-95-7	3.2E-01	317.7455357	n	317.7455357	Cymoxanil	8.7E+02	n	8.7E+05	8.7E+05
Dacthal (DCPA)	1861-32-1	2.4E-01	244.4196429	n	244.4196429	Dacthal (DCPA)	6.2E+02	n	6.2E+05	6.2E+05
Dalapon, sodium salt (2,2-dichloropropanoic acid)	75-99-0	2.0E-01	200	m	200	Dalapon, sodium salt (2,2-dichloropropanoic acid)	2.0E+03	n	2.0E+06	2.0E+06
DDD	72-54-8	3.8E-03	3.802083333	c	0.380208333	DDD	1.4E+01	c	1.4E+04	1.4E+03
DDE	72-55-9	2.7E-03	2.683823529	c	0.268382353	DDE	1.0E+01	c	1.0E+04	1.0E+03
DDT	50-29-3	2.7E-03	2.683823529	c	0.268382353	DDT	5.4E+00	c	5.4E+03	5.4E+02
Demeton	8065-48-3	9.8E-04	0.977678571	n	0.977678571	Demeton	2.7E+00	n	2.7E+03	2.7E+03
Diacetone alcohol (4-hydroxy-4-methyl-2-pentanone)	123-42-2	9.8E-01	977.6785714	n	977.6785714	Diacetone alcohol (4-hydroxy-4-methyl-2-pentanone)	2.7E+03	n	2.7E+06	2.7E+06
Diallate	2303-16-4	1.5E-02	14.95901639	c	1.495901639	Diallate	3.8E+01	c	3.8E+04	3.8E+03
Diazinon	333-41-5	2.2E-02	21.99776786	n	21.99776786	Diazinon	3.1E+01	n	3.1E+04	3.1E+04
Dibenz-a,h-acridine	226-36-8	7.6E-04	0.760416667	c	0.076041667	Dibenz-a,h-acridine	3.7E+00	c	3.7E+03	3.7E+02
Dibenz-a,h-anthracene	53-70-3	2.0E-04	0.2	c	0.02	Dibenz-a,h-anthracene	5.5E-01	c	5.5E+02	5.5E+01
Dibenz-a,j-acridine	224-42-0	1.3E-03	1.25	c	0.125	Dibenz-a,j-acridine	5.8E+00	c	5.8E+03	5.8E+02
Dibenzo(a,e)pyrene	192-65-4	1.3E-04	0.125	c	0.0125	Dibenzo(a,e)pyrene	6.1E-01	c	6.1E+02	6.1E+01
Dibenzo(a,h)pyrene	189-64-0	1.3E-05	0.0125	c	0.00125	Dibenzo(a,h)pyrene	6.1E-02	c	6.1E+01	6.1E+00
Dibenzo(a,i)pyrene	189-55-9	1.3E-05	0.0125	c	0.00125	Dibenzo(a,i)pyrene	6.1E-02	c	6.1E+01	6.1E+00
Dibenzofuran	132-64-9	9.8E-02	97.76785714	n	97.76785714	Dibenzofuran	2.7E+02	n	2.7E+05	2.7E+05
Dibenzothiophene	132-65-0	7.3E-02	73.32589286	n	73.32589286	Dibenzothiophene	1.9E+02	n	1.9E+05	1.9E+05
Dibromochloromethane (chlorodibromomethane)[6]	124-48-1	1.1E-02	10.86309524	c	1.086309524	Dibromochloromethane (chlorodibromomethane)	7.2E+01	c	7.2E+04	7.2E+03
Dibromo-3-chloropropane, 1,2-	96-12-8	2.0E-04	0.2	m	0.2	Dibromo-3-chloropropane, 1,2-	3.3E+00	c	3.3E+03	3.3E+02
Dibromofluoromethane	1868-53-7	4.9E+00	4888.392857	n	4888.392857	Dibromofluoromethane	1.3E+04	n	1.3E+07	1.3E+07
Dicamba	1918-00-9	7.3E-01	733.2589286	n	733.2589286	Dicamba	9.4E+02	n	9.4E+05	9.4E+05
Dichlormid	37764-25-3	6.1E-01	611.0491071	n	611.0491071	Dichlormid	1.7E+03	n	1.7E+06	1.7E+06
Dichlorobenzene, 1,2-	95-50-1	6.0E-01	600	m	600	Dichlorobenzene, 1,2-	7.2E+02	n	7.2E+05	7.2E+05
Dichlorobenzene, 1,3-	541-73-1	7.3E-01	733.2589286	n	733.2589286	Dichlorobenzene, 1,3-	1.2E+02	n	1.2E+05	1.2E+05
Dichlorobenzene, 1,4-	106-46-7	7.5E-02	75	m	75	Dichlorobenzene, 1,4-	2.5E+02	c	2.5E+05	2.5E+04
Dichlorobenzidine, 3,3-	91-94-1	2.0E-03	2.027777778	c	0.202777778	Dichlorobenzidine, 3,3-	1.0E+01	c	1.0E+04	1.0E+03
Dichlorobutane, 2,3-	7581-97-7	2.4E-01	244.4196429	n	244.4196429	Dichlorobutane, 2,3-	9.5E+01	n	9.5E+04	9.5E+04
Dichloro-2-butene, 1,4-	764-41-0	---	NA	---	NA	Dichloro-2-butene, 1,4-	3.2E-01	c	3.2E+02	3.2E+01
Dichloro-2-butene, 1,4- trans	110-57-6	---	NA	---	NA	Dichloro-2-butene, 1,4- trans	3.3E-01	c	3.3E+02	3.3E+01
Dichlorodifluoromethane	75-71-8	4.9E+00	4888.392857	n	4888.392857	Dichlorodifluoromethane	1.3E+04	n	1.3E+07	1.3E+07
Dichloroethane, 1,1-	75-34-3	2.4E+00	2444.196429	n	2444.196429	Dichloroethane, 1,1-	3.5E+03	n	3.5E+06	3.5E+06
Dichloroethane, 1,2-	107-06-2	5.0E-03	5	m	5	Dichloroethane, 1,2-	1.1E+01	c	1.1E+04	1.1E+03
Dichloroethylene, 1,1-	75-35-4	7.0E-03	7	m	7	Dichloroethylene, 1,1-	1.8E+03	n	1.8E+06	1.8E+06
Dichloroethylene, cis-1,2-	156-59-2	7.0E-02	70	m	70	Dichloroethylene, cis-1,2-	7.7E+02	n	7.7E+05	7.7E+05
Dichloroethylene, trans-1,2	156-60-5	1.0E-01	100	m	100	Dichloroethylene, trans-1,2	1.4E+03	n	1.4E+06	1.4E+06
Dichlorofluoromethane	75-43-4	4.9E+00	4888.392857	n	4888.392857	Dichlorofluoromethane	6.2E+02	n	6.2E+05	6.2E+05
Dichlorophenol, 2,3-	576-24-9	7.3E-02	73.32589286	n	73.32589286	Dichlorophenol, 2,3-	2.0E+02	n	2.0E+05	2.0E+05
Dichlorophenol, 2,4-	120-83-2	7.3E-02	73.32589286	n	73.32589286	Dichlorophenol, 2,4-	2.0E+02	n	2.0E+05	2.0E+05
Dichlorophenol, 2,5-	583-78-8	7.3E-02	73.32589286	n	73.32589286	Dichlorophenol, 2,5-	2.0E+02	n	2.0E+05	2.0E+05
Dichlorophenol, 2,6-	87-65-0	2.4E-02	24.44196429	n	24.44196429	Dichlorophenol, 2,6-	6.5E+01	n	6.5E+04	6.5E+04
Dichlorophenol, 3,4-	95-77-2	7.3E-02	73.32589286	n	73.32589286	Dichlorophenol, 3,4-	2.0E+02	n	2.0E+05	2.0E+05
Dichlorophenol, 3,5-	591-35-5	7.3E-02	73.32589286	n	73.32589286	Dichlorophenol, 3,5-	2.0E+02	n	2.0E+05	2.0E+05
Dichlorophenoxyacetic acid, 2,4- (2,4-D)	94-75-7	7.0E-02	70	m	70	Dichlorophenoxyacetic acid, 2,4- (2,4-D)	4.9E+02	n	4.9E+05	4.9E+05
Dichlorophenoxy, 2,4- butyric acid, 4- (2,4-DB)	94-82-6	2.0E-01	195.5357143	n	195.5357143	Dichlorophenoxy, 2,4- butyric acid, 4- (2,4-DB)	5.3E+02	n	5.3E+05	5.3E+05
Dichloroprop (2-(2,4-dichlorophenoxy) propanoic acid)	120-36-5	2.4E-01	244.4196429	n	244.4196429	Dichloroprop (2-(2,4-dichlorophenoxy) propanoic acid)	6.7E+02	n	6.7E+05	6.7E+05
Dichloropropane, 1,2-	78-87-5	5.0E-03	5	m	5	Dichloropropane, 1,2-	6.1E+01	n	6.1E+04	6.1E+04
Dichloropropane, 1,3-	142-28-9	9.1E-03	9.125	c	0.9125	Dichloropropane, 1,3-	3.6E+01	c	3.6E+04	3.6E+03
Dichloropropane, 2,2-	594-20-7	1.3E-02	13.41911765	c	1.341911765	Dichloropropane, 2,2-	6.1E+01	n	6.1E+04	6.1E+04
Dichloropropanol, 2,3-	616-23-9	7.3E-02	73.32589286	n	73.32589286	Dichloropropanol, 2,3-	2.0E+02	n	2.0E+05	2.0E+05
Dichloropropene, 1,1-	563-58-6	9.1E-03	9.125	c	0.9125	Dichloropropene, 1,1-	3.6E+01	c	3.6E+04	3.6E+03
Dichloropropene, 1,3- (mixed isomers)	542-75-6	9.1E-03	9.125	c	0.9125	Dichloropropene, 1,3- (mixed isomers)	3.6E+01	c	3.6E+04	3.6E+03
Dichloropropene, cis 1,3-	10061-01-5	1.7E-03	1.689814815	c	0.168981481	Dichloropropene, cis 1,3-	7.6E+00	n	7.6E+03	7.6E+03
Dichloropropene, trans 1,3-	10061-02-6	9.1E-03	9.125	c	0.9125	Dichloropropene, trans 1,3-	3.6E+01	c	3.6E+04	3.6E+03
Dichlorvos	62-73-7	3.1E-03	3.146551724	c	0.314655172	Dichlorvos	1.6E+01	c	1.6E+04	1.6E+03

Dicrotophos (bidrin)	141-66-2	2.4E-03	2.444196429	n	2.444196429	Dicrotophos (bidrin)	6.7E+00	n	6.7E+03	6.7E+03
Dicyclopentadiene	77-73-6	7.3E-01	733.2589286	n	733.2589286	Dicyclopentadiene	2.5E+03	n	2.5E+06	2.5E+06
Dieldrin	60-57-1	5.7E-05	0.05703125	c	0.005703125	Dieldrin	1.5E-01	c	1.5E+02	1.5E+01
Diethanolamine	111-42-2	1.2E-02	12.22098214	n	12.22098214	Diethanolamine	3.0E+01	n	3.0E+04	3.0E+04
Diethyl phthalate	84-66-2	2.0E+01	19553.57143	n	19553.57143	Diethyl phthalate	2.7E+03	n	2.7E+06	2.7E+06
Diethylene glycol	111-46-6	4.9E+01	48883.92857	n	48883.92857	Diethylene glycol	1.3E+05	n	1.3E+08	1.3E+08
Diethylene glycol monobutyl ether	112-34-5	2.2E+00	2199.776786	n	2199.776786	Diethylene glycol monobutyl ether	2.4E+03	n	2.4E+06	2.4E+06
Diethylhexyl adipate	103-23-1	4.0E-01	400	m	400	Diethylhexyl adipate	3.9E+03	c	3.9E+06	3.9E+05
Diethylstilbestrol	56-53-1	1.9E-07	0.000194149	c	1.94149E-05	Diethylstilbestrol	7.1E-04	c	7.1E-01	7.1E-02
Diisobutylene (trimethyl-1-pentene, 2,4,4-)	107-39-1	1.5E+00	1466.517857	n	1466.517857	Diisobutylene (trimethyl-1-pentene, 2,4,4-)	1.9E+03	n	1.9E+06	1.9E+06
Diisopropyl ether (2,2'-oxybis-propane)	108-20-3	2.4E+00	2444.196429	n	2444.196429	Diisopropyl ether (2,2'-oxybis-propane)	5.3E+03	n	5.3E+06	5.3E+06
Dimethenamid	87674-68-8	3.7E-01	366.6294643	n	366.6294643	Dimethenamid	1.0E+03	n	1.0E+06	1.0E+06
Dimethoate	60-51-5	4.9E-03	4.888392857	n	4.888392857	Dimethoate	1.3E+01	n	1.3E+04	1.3E+04
Dimethoxybenzidine, 3,3'-	119-90-4	6.5E-02	65.17857143	c	6.517857143	Dimethoxybenzidine, 3,3'-	3.4E+02	c	3.4E+05	3.4E+04
Dimethylaminoazobenzene, p-	60-11-7	2.4E-04	0.244419643	n	0.244419643	Dimethylaminoazobenzene, p-	6.4E-01	n	6.4E+02	6.4E+02
Dimethylbenz-a-anthracene, 7,12-	57-97-6	3.7E-06	0.00365	c	0.000365	Dimethylbenz-a-anthracene, 7,12-	1.7E-02	c	1.7E+01	1.7E+00
Dimethylbenzidine, 3,3'-	119-93-7	9.9E-05	0.099184783	c	0.009918478	Dimethylbenzidine, 3,3'-	5.1E-01	c	5.1E+02	5.1E+01
Dimethylnaphthalene, 1,3-	575-41-7	9.8E-01	977.6785714	n	977.6785714	Dimethylnaphthalene, 1,3-	2.3E+03	n	2.3E+06	2.3E+06
Dimethyl phenol, 2,4-	105-67-9	4.9E-01	488.8392857	n	488.8392857	Dimethyl phenol, 2,4-	1.1E+03	n	1.1E+06	1.1E+06
Dimethylphenethylamine, alpha, alpha-	122-09-8	4.9E-02	48.88392857	n	48.88392857	Dimethylphenethylamine, alpha, alpha-	1.3E+02	n	1.3E+05	1.3E+05
Dimethylphthalate	131-11-3	2.0E+01	19553.57143	n	19553.57143	Dimethylphthalate	1.3E+03	n	1.3E+06	1.3E+06
Di-n-butyl phthalate	84-74-2	2.4E+00	2444.196429	n	2444.196429	Di-n-butyl phthalate	5.1E+03	n	5.1E+06	5.1E+06
Dinitrobenzene, 1,3- (dinitrobenzene, 2,4-)	99-65-0	2.4E-03	2.444196429	n	2.444196429	Dinitrobenzene, 1,3- (dinitrobenzene, 2,4-)	6.5E+00	n	6.5E+03	6.5E+03
Dinitrobenzene, 1,4-	100-25-4	9.8E-03	9.776785714	n	9.776785714	Dinitrobenzene, 1,4-	2.4E+01	n	2.4E+04	2.4E+04
Dinitro-2-methylphenol, 4,6- (dinitro-o-cresol, 4, 6-)	534-52-1	4.9E-02	48.88392857	n	48.88392857	Dinitro-2-methylphenol, 4,6- (dinitro-o-cresol, 4, 6-)	3.5E+01	n	3.5E+04	3.5E+04
Dinitrophenol, 2,4-	51-28-5	4.9E-02	48.88392857	n	48.88392857	Dinitrophenol, 2,4-	1.3E+02	n	1.3E+05	1.3E+05
Dinitrophenol, 2,5-	329-71-5	4.9E-02	48.88392857	n	48.88392857	Dinitrophenol, 2,5-	1.3E+02	n	1.3E+05	1.3E+05
Dinitrotoluene, 2,4-	121-14-2	1.3E-03	1.341911765	c	0.134191176	Dinitrotoluene, 2,4-	6.9E+00	c	6.9E+03	6.9E+02
Dinitrotoluene, 2,6-	606-20-2	1.3E-03	1.341911765	c	0.134191176	Dinitrotoluene, 2,6-	6.9E+00	c	6.9E+03	6.9E+02
Di-n-octyl phthalate	117-84-0	4.9E-01	488.8392857	n	488.8392857	Di-n-octyl phthalate	1.3E+03	n	1.3E+06	1.3E+06
Dinoseb	88-85-7	7.0E-03	7	m	7	Dinoseb	6.7E+01	n	6.7E+04	6.7E+04
Dioxane 1,4-	123-91-1	8.3E-02	82.95454545	c	8.295454545	Dioxane 1,4-	5.5E+02	c	5.5E+05	5.5E+04
Diphenylamine	122-39-4	6.1E-01	611.0491071	n	611.0491071	Diphenylamine	1.2E+03	n	1.2E+06	1.2E+06
Diphenylhydrazine, 1,2-	122-66-7	1.1E-03	1.140625	c	0.1140625	Diphenylhydrazine, 1,2-	5.6E+00	c	5.6E+03	5.6E+02
Diphenyl ether	101-84-8	1.5E-01	151.5401786	n	151.5401786	Diphenyl ether	3.2E+02	n	3.2E+05	3.2E+05
Dipropylene glycol	110-98-5	2.8E+00	2810.825893	n	2810.825893	Dipropylene glycol	5.5E+03	n	5.5E+06	5.5E+06
Diquat	85-00-7	2.0E-02	20	m	20	Diquat	5.0E+01	n	5.0E+04	5.0E+04
Disodium iminodiacetate (iminodiacetic acid, disodium salt)	928-72-3/ 142-73-4	2.4E-01	244.4196429	n	244.4196429	Disodium iminodiacetate (iminodiacetic acid, disodium salt)	6.7E+02	n	6.7E+05	6.7E+05
Disulfoton	298-04-4	9.8E-04	0.977678571	n	0.977678571	Disulfoton	2.6E+00	n	2.6E+03	2.6E+03
Diuron	330-54-1	4.9E-02	48.88392857	n	48.88392857	Diuron	1.3E+02	n	1.3E+05	1.3E+05
Dodecylphenol, 4-	27193-86-8/ 104-43-8	1.2E+00	1222.098214	n	1222.098214	Dodecylphenol, 4-	3.3E+03	n	3.3E+06	3.3E+06
Endosulfan	115-29-7	1.5E-01	146.6517857	n	146.6517857	Endosulfan	6.6E+01	n	6.6E+04	6.6E+04
Endosulfan I	959-98-8	4.9E-02	48.88392857	n	48.88392857	Endosulfan I	6.1E+01	n	6.1E+04	6.1E+04
Endosulfan II	33213-65-9	1.5E-01	146.6517857	n	146.6517857	Endosulfan II	2.7E+02	n	2.7E+05	2.7E+05
Endosulfan sulfate	1031-07-8	1.5E-01	146.6517857	n	146.6517857	Endosulfan sulfate	3.8E+02	n	3.8E+05	3.8E+05
Endothall	145-73-3	1.0E-01	100	m	100	Endothall	1.3E+03	n	1.3E+06	1.3E+06
Endrin	72-20-8	2.0E-03	2	m	2	Endrin	8.8E+00	n	8.8E+03	8.8E+03
Endrin aldehyde	7421-93-4	7.3E-03	7.332589286	n	7.332589286	Endrin aldehyde	1.9E+01	n	1.9E+04	1.9E+04
Endrin ketone	53494-70-5	7.3E-03	7.332589286	n	7.332589286	Endrin ketone	1.9E+01	n	1.9E+04	1.9E+04
Epichlorohydrin	106-89-8	4.9E-02	48.88392857	n	48.88392857	Epichlorohydrin	2.3E+01	n	2.3E+04	2.3E+04
EPN (o-ethyl o-(4-nitrophenyl)phenylphosphonothioate)	2104-64-5	2.4E-04	0.244419643	n	0.244419643	EPN (o-ethyl o-(4-nitrophenyl)phenylphosphonothioate)	6.7E-01	n	6.7E+02	6.7E+02
Esfenvalerate	66230-04-4	4.9E-02	48.88392857	n	48.88392857	Esfenvalerate	7.4E+01	n	7.4E+04	7.4E+04
Ethalfluralin (sonolan)	55283-68-6	1.0E-02	10.25280899	c	1.025280899	Ethalfluralin (sonolan)	4.7E+01	c	4.7E+04	4.7E+03
Ethanol	64-17-5	8.1E+02	806584.8214	n	806584.8214	Ethanol	8.6E+04	n	8.6E+07	8.6E+07
Ethion	563-12-2	1.2E-02	12.22098214	n	12.22098214	Ethion	2.7E+01	n	2.7E+04	2.7E+04
Ethoprop	13194-48-4	2.4E-03	2.444196429	n	2.444196429	Ethoprop	6.7E+00	n	6.7E+03	6.7E+03
Ethoxy ethanol, 2-	110-80-5	9.8E+00	9776.785714	n	9776.785714	Ethoxy ethanol, 2-	2.8E+03	n	2.8E+06	2.8E+06
Ethyl acetate	141-78-6	2.2E+01	21997.76786	n	21997.76786	Ethyl acetate	1.8E+04	n	1.8E+07	1.8E+07
Ethyl acrylate	140-88-5	1.9E-02	19.01041667	c	1.901041667	Ethyl acrylate	1.3E+02	c	1.3E+05	1.3E+04
Ethyl benzene	100-41-4	7.0E-01	700	m	700	Ethyl benzene	5.3E+03	n	5.3E+06	5.3E+06

Ethyl dipropylthiocarbamate, S-	759-94-4	6.1E-01	611.0491071	n	611.0491071	Ethyl dipropylthiocarbamate, S-	1.7E+03	n	1.7E+06	1.7E+06
Ethylene*	74-85-1	---	NA	---	NA	Ethylene*	---	---	---	---
Ethylenediamine	107-15-3	4.9E-01	488.8392857	n	488.8392857	Ethylenediamine	1.1E+03	n	1.1E+06	1.1E+06
Ethylene dibromide (dibromoethane, 1,2-)	106-93-4	5.0E-05	0.05	m	0.05	Ethylene dibromide (dibromoethane, 1,2-)	2.1E+00	c	2.1E+03	2.1E+02
Ethylene glycol	107-21-1	4.9E+01	48883.92857	n	48883.92857	Ethylene glycol	3.0E+03	n	3.0E+06	3.0E+06
Ethylenimine	151-56-4	1.4E-05	0.014038462	c	0.001403846	Ethylenimine	5.5E-02	c	5.5E+01	5.5E+00
Ethylene oxide	75-21-8	8.9E-04	0.894607843	c	0.089460784	Ethylene oxide	2.2E+00	c	2.2E+03	2.2E+02
Ethylene thiourea	96-45-7	2.0E-03	1.955357143	n	1.955357143	Ethylene thiourea	5.3E+00	n	5.3E+03	5.3E+03
Ethyl ether	60-29-7	4.9E+00	4888.392857	n	4888.392857	Ethyl ether	8.7E+03	n	8.7E+06	8.7E+06
Ethyl-1-hexanol, 2-	104-76-7	3.7E+00	3666.294643	n	3666.294643	Ethyl-1-hexanol, 2-	7.9E+03	n	7.9E+06	7.9E+06
Ethyl-2-hexenal, 2-	645-62-5	3.7E+00	3666.294643	n	3666.294643	Ethyl-2-hexenal, 2-	3.4E+03	n	3.4E+06	3.4E+06
Ethylhexyl acrylate, 2-	103-11-7	1.9E-02	19.01041667	c	1.901041667	Ethylhexyl acrylate, 2-	9.8E+01	c	9.8E+04	9.8E+03
Ethyl methacrylate	97-63-2	2.2E+00	2199.776786	n	2199.776786	Ethyl methacrylate	4.5E+03	n	4.5E+06	4.5E+06
Ethyl methanesulfonate	62-50-0	9.2E-03	9.217171717	c	0.921717172	Ethyl methanesulfonate	3.4E+01	c	3.4E+04	3.4E+03
Ethyl-2-methyl benzene, 1-	611-14-3	4.9E+00	4888.392857	n	4888.392857	Ethyl-2-methyl benzene, 1-	5.6E+03	n	5.6E+06	5.6E+06
Ethyl-4-methyl benzene, 1-	622-96-8	4.9E+00	4888.392857	n	4888.392857	Ethyl-4-methyl benzene, 1-	5.0E+03	n	5.0E+06	5.0E+06
Ethyl tert-butyl ether (2-ethyl-2-ethoxypropane)	637-92-3	2.4E-02	24.44196429	n	24.44196429	Ethyl tert-butyl ether (2-ethyl-2-ethoxypropane)	8.0E+01	n	8.0E+04	8.0E+04
Famphur	52-85-7	7.3E-04	0.733258929	n	0.733258929	Famphur	2.0E+00	n	2.0E+03	2.0E+03
Fensulfothion	115-90-2	2.4E-02	24.44196429	n	24.44196429	Fensulfothion	6.7E+01	n	6.7E+04	6.7E+04
Fenthion	55-38-9	1.7E-03	1.7109375	n	1.7109375	Fenthion	4.7E+00	n	4.7E+03	4.7E+03
Fluoranthene	206-44-0	9.8E-01	977.6785714	n	977.6785714	Fluoranthene	2.3E+03	n	2.3E+06	2.3E+06
Fluorene	86-73-7	9.8E-01	977.6785714	n	977.6785714	Fluorene	2.3E+03	n	2.3E+06	2.3E+06
Fluorine (soluble fluoride)	7782-41-4	4.0E+00	4000	m	4000	Fluorine (soluble fluoride)	4.7E+03	n	4.7E+06	4.7E+06
Fluorochloridone	61213-25-0	1.8E-01	183.3147321	n	183.3147321	Fluorochloridone	4.8E+02	n	4.8E+05	4.8E+05
Fonofos	944-22-9	4.9E-02	48.88392857	n	48.88392857	Fonofos	1.3E+02	n	1.3E+05	1.3E+05
Formaldehyde	50-00-0	4.9E+00	4888.392857	n	4888.392857	Formaldehyde	1.6E+02	c	1.6E+05	1.6E+04
Formic acid	64-18-6	4.9E+01	48883.92857	n	48883.92857	Formic acid	6.7E+02	n	6.7E+05	6.7E+05
Furan	110-00-9	2.4E-02	24.44196429	n	24.44196429	Furan	6.9E+01	n	6.9E+04	6.9E+04
Furfural	98-01-1	7.3E-02	73.32589286	n	73.32589286	Furfural	1.8E+02	n	1.8E+05	1.8E+05
Glycidylaldehyde	765-34-4	9.8E-03	9.776785714	n	9.776785714	Glycidylaldehyde	2.7E+01	n	2.7E+04	2.7E+04
Glyphosate	1071-83-6	7.0E-01	700	m	700	Glyphosate	6.7E+03	n	6.7E+06	6.7E+06
Heptachlor	76-44-8	4.0E-04	0.4	m	0.4	Heptachlor	1.3E-01	c	1.3E+02	1.3E+01
Heptachlor epoxide	1024-57-3	2.0E-04	0.2	m	0.2	Heptachlor epoxide	2.4E-01	c	2.4E+02	2.4E+01
Heptane, n-	142-82-5	1.5E+00	1466.517857	n	1466.517857	Heptane, n-	4.8E+03	n	4.8E+06	4.8E+06
Heptanoic acid, n-	111-14-8	1.2E+01	12220.98214	n	12220.98214	Heptanoic acid, n-	1.2E+02	n	1.2E+05	1.2E+05
Hexachlorobenzene	118-74-1	1.0E-03	1	m	1	Hexachlorobenzene	1.1E+00	c	1.1E+03	1.1E+02
Hexachlorobutadiene	87-68-3	4.9E-03	4.888392857	n	4.888392857	Hexachlorobutadiene	1.3E+01	n	1.3E+04	1.3E+04
Hexachlorocyclohexane, alpha (alpha-BHC)	319-84-6	1.4E-04	0.14484127	c	0.014484127	Hexachlorocyclohexane, alpha (alpha-BHC)	2.6E-01	c	2.6E+02	2.6E+01
Hexachlorocyclohexane, beta (beta-BHC)	319-85-7	5.1E-04	0.506944444	c	0.050694444	Hexachlorocyclohexane, beta (beta-BHC)	9.3E-01	c	9.3E+02	9.3E+01
Hexachlorocyclohexane, delta (delta-BHC)	319-86-8	5.1E-04	0.506944444	c	0.050694444	Hexachlorocyclohexane, delta (delta-BHC)	2.9E+00	c	2.9E+03	2.9E+02
Hexachlorocyclohexane, gamma (lindane; gamma-BHC)	58-89-9	2.0E-04	0.2	m	0.2	Hexachlorocyclohexane, gamma (lindane; gamma-BHC)	1.1E+00	c	1.1E+03	1.1E+02
Hexachlorocyclohexane, techn (technical-BHC)	608-73-1	5.1E-04	0.506944444	c	0.050694444	Hexachlorocyclohexane, techn (technical-BHC)	1.3E+00	c	1.3E+03	1.3E+02
Hexachlorocyclopentadiene (HCCPD)	77-47-4	5.0E-02	50	m	50	Hexachlorocyclopentadiene (HCCPD)	1.4E+01	n	1.4E+04	1.4E+04
Hexachloroethane	67-72-1	2.4E-02	24.44196429	n	24.44196429	Hexachloroethane	6.7E+01	n	6.7E+04	6.7E+04
Hexachlorophene	70-30-4	7.3E-03	7.332589286	n	7.332589286	Hexachlorophene	2.0E+01	n	2.0E+04	2.0E+04
Hexachloropropylene	1888-71-7	2.4E-02	24.44196429	n	24.44196429	Hexachloropropylene	6.7E+01	n	6.7E+04	6.7E+04
Hexanal, 2-ethyl-	123-05-7	3.7E+00	3666.294643	n	3666.294643	Hexanal, 2-ethyl-	3.3E+03	n	3.3E+06	3.3E+06
Hexane, n-	110-54-3	1.5E+00	1466.517857	n	1466.517857	Hexane, n-	1.9E+03	n	1.9E+06	1.9E+06
Hexanediol, 1,6-	629-11-8	1.2E+02	122209.8214	n	122209.8214	Hexanediol, 1,6-	3.0E+05	n	3.0E+08	3.0E+08
Hexanoic acid	142-62-1	1.2E+01	12220.98214	n	12220.98214	Hexanoic acid	1.4E+02	n	1.4E+05	1.4E+05
Hexanone, 2-	591-78-6	1.5E+00	1466.517857	n	1466.517857	Hexanone, 2-	1.1E+02	n	1.1E+05	1.1E+05
Hexazinone	51235-04-2	8.1E-01	806.5848214	n	806.5848214	Hexazinone	1.0E+03	n	1.0E+06	1.0E+06
Hexylene glycol (2-methyl-2,4-pentanediol)	107-41-5	7.3E+00	7332.589286	n	7332.589286	Hexylene glycol (2-methyl-2,4-pentanediol)	2.5E+01	n	2.5E+04	2.5E+04
Hydrazine	302-01-2	3.0E-04	0.304166667	c	0.030416667	Hydrazine	3.8E-01	c	3.8E+02	3.8E+01
Hydrogen chloride (hydrochloric acid)*	7647-01-0	---	NA	---	NA	Hydrogen chloride (hydrochloric acid)*	---	---	---	---
Hydroquinone	123-31-9	9.8E-01	977.6785714	n	977.6785714	Hydroquinone	2.7E+03	n	2.7E+06	2.7E+06
Indene	95-13-6	4.9E-01	488.8392857	n	488.8392857	Indene	1.0E+02	n	1.0E+05	1.0E+05
Indeno-1,2,3-cd-pyrene	193-39-5	1.3E-03	1.25	c	0.125	Indeno-1,2,3-cd-pyrene	5.7E+00	c	5.7E+03	5.7E+02
Iron*	7439-89-6	---	NA	---	NA	Iron*	---	---	---	---
Isoamyl alcohol	123-51-3	1.2E-01	122.2098214	n	122.2098214	Isoamyl alcohol	4.0E+02	n	4.0E+05	4.0E+05

Isobutyl alcohol	78-83-1	7.3E+00	7332.589286	n	7332.589286	Isobutyl alcohol	5.6E+03	n	5.6E+06	5.6E+06
Isobutylene (2-methyl-1-propene)	115-11-7	---	NA	---	NA	Isobutylene (2-methyl-1-propene)	6.1E+04	n	6.1E+07	6.1E+07
Isobutyric acid (2-methylpropanoic acid)	79-31-2	1.2E+01	12220.98214	n	12220.98214	Isobutyric acid (2-methylpropanoic acid)	1.1E+02	n	1.1E+05	1.1E+05
Isodecanol	25339-17-7	3.9E-02	39.10714286	n	39.10714286	Isodecanol	7.1E+01	n	7.1E+04	7.1E+04
Isodrin	465-73-6	5.4E-06	0.005367647	c	0.000536765	Isodrin	2.7E-02	c	2.7E+01	2.7E+00
Isophorone	78-59-1	9.6E-01	960.5263158	c	96.05263158	Isophorone	2.2E+03	n	2.2E+06	2.2E+06
Isopropyl acetate	108-21-4	1.7E+00	1710.9375	n	1710.9375	Isopropyl acetate	5.7E+03	n	5.7E+06	5.7E+06
Isopropyl alcohol	67-63-0	4.9E+00	4888.392857	n	4888.392857	Isopropyl alcohol	1.1E+04	n	1.1E+07	1.1E+07
Isosafrole	120-58-1	4.1E-03	4.147727273	c	0.414772727	Isosafrole	1.7E+01	c	1.7E+04	1.7E+03
Kelthane (dicofol)	115-32-2	1.5E-01	146.6517857	n	146.6517857	Kelthane (dicofol)	2.7E+02	n	2.7E+05	2.7E+05
Kepone (chlordecone)	143-50-0	5.7E-05	0.05703125	c	0.005703125	Kepone (chlordecone)	2.2E-01	c	2.2E+02	2.2E+01
Lead (inorganic)	7439-92-1	1.5E-02	15	a	15	Lead (inorganic)	5.0E+02	---	5.0E+05	5.0E+05
Limonene, d-*	5989-27-5	---	NA	---	NA	Limonene, d-*	---	---	---	---
Lithium	7439-93-2	4.9E-01	488.8392857	n	488.8392857	Lithium	1.3E+03	n	1.3E+06	1.3E+06
Magnesium*	7439-95-4	---	NA	---	NA	Magnesium*	---	---	---	---
Malathion	121-75-5	4.9E-01	488.8392857	n	488.8392857	Malathion	1.1E+03	n	1.1E+06	1.1E+06
Maleic anhydride	108-31-6	2.4E+00	2444.196429	n	2444.196429	Maleic anhydride	2.0E+02	n	2.0E+05	2.0E+05
Maleic hydrazide	123-33-1	1.2E+01	12220.98214	n	12220.98214	Maleic hydrazide	1.4E+04	n	1.4E+07	1.4E+07
Malononitrile	109-77-3	4.9E-04	0.488839286	n	0.488839286	Malononitrile	1.3E+00	n	1.3E+03	1.3E+03
Mancozeb	8018-01-7	7.3E-01	733.2589286	n	733.2589286	Mancozeb	2.0E+03	n	2.0E+06	2.0E+06
Manganese	7439-96-5	1.1E+00	1148.772321	n	1148.772321	Manganese	3.7E+03	n	3.7E+06	3.7E+06
MCPA (4-(chloro-2-methylphenoxy) acetic acid)	94-74-6	1.2E-02	12.22098214	n	12.22098214	MCPA (4-(chloro-2-methylphenoxy) acetic acid)	3.3E+01	n	3.3E+04	3.3E+04
MCPP (2-(4-chloro-2-methylphenoxy) propanoic acid)	7085-19-0/ 93-65-2	2.4E-02	24.44196429	n	24.44196429	MCPP (2-(4-chloro-2-methylphenoxy) propanoic acid)	6.7E+01	n	6.7E+04	6.7E+04
Merphos	150-50-5	7.3E-04	0.733258929	n	0.733258929	Merphos	2.0E+00	n	2.0E+03	2.0E+03
Mercury (pH = 4.9)	7439-97-6/ 7487-94-7	2.0E-03	2	m	2	Mercury (pH = 4.9)[1]	3.6E+00	n	3.6E+03	3.6E+03
Methacrylic acid (2-methyl-2-propenoic acid)	79-41-4	2.4E-01	244.4196429	n	244.4196429	Methacrylic acid (2-methyl-2-propenoic acid)	6.3E+02	n	6.3E+05	6.3E+05
Methacrylonitrile	126-98-7	2.4E-03	2.444196429	n	2.444196429	Methacrylonitrile	7.1E+00	n	7.1E+03	7.1E+03
Methanol	67-56-1	1.2E+01	12220.98214	n	12220.98214	Methanol	9.2E+03	n	9.2E+06	9.2E+06
Methapyrilene	91-80-5	1.9E-04	0.194148936	c	0.019414894	Methapyrilene	1.0E+00	c	1.0E+03	1.0E+02
Methomyl	16752-77-5	6.1E-01	611.0491071	n	611.0491071	Methomyl	7.9E+02	n	7.9E+05	7.9E+05
Methoxychlor	72-43-5	4.0E-02	40	m	40	Methoxychlor	2.7E+02	n	2.7E+05	2.7E+05
Methoxyethanol, 2-	109-86-4	---	NA	---	NA	Methoxyethanol, 2-	3.1E+02	n	3.1E+05	3.1E+05
Methyl acetate (acetic acid, methyl ester)	79-20-9	2.4E+01	24441.96429	n	24441.96429	Methyl acetate (acetic acid, methyl ester)	8.3E+03	n	8.3E+06	8.3E+06
Methyl acrylate	96-33-3	4.9E-02	48.88392857	n	48.88392857	Methyl acrylate	6.5E+01	n	6.5E+04	6.5E+04
Methyl amyl ketone (2-heptanone)	110-43-0	1.2E+00	1222.098214	n	1222.098214	Methyl amyl ketone (2-heptanone)	2.8E+03	n	2.8E+06	2.8E+06
Methyl-1-butene, 2-	563-46-2	1.5E+00	1466.517857	n	1466.517857	Methyl-1-butene, 2-	4.8E+03	n	4.8E+06	4.8E+06
Methyl-2-butene, 2-	513-35-9	1.5E+00	1466.517857	n	1466.517857	Methyl-2-butene, 2-	4.8E+03	n	4.8E+06	4.8E+06
Methylcholanthrene, 3-	56-49-5	4.1E-05	0.041477273	c	0.004147727	Methylcholanthrene, 3-	1.9E-01	c	1.9E+02	1.9E+01
Methyl chrysene, 1-	3351-28-8	1.3E-01	125	c	12.5	Methyl chrysene, 1-	5.8E+02	c	5.8E+05	5.8E+04
Methyl chrysene, 2-	3351-32-4	1.3E-01	125	c	12.5	Methyl chrysene, 2-	5.8E+02	c	5.8E+05	5.8E+04
Methyl chrysene, 6-	1705-85-7	1.3E-02	12.5	c	1.25	Methyl chrysene, 6-	5.7E+01	c	5.7E+04	5.7E+03
Methyl cyclohexane	108-87-2	1.2E+02	122209.8214	n	122209.8214	Methyl cyclohexane	4.1E+04	n	4.1E+07	4.1E+07
Methylene-bis (2-chloroaniline) 4,4'-	101-14-4	7.0E-03	7.019230769	c	0.701923077	Methylene-bis (2-chloroaniline) 4,4'-	3.6E+01	c	3.6E+04	3.6E+03
Methylene bromide (dibromomethane)	74-95-3	1.2E-01	121.6666667	c	12.16666667	Methylene bromide (dibromomethane)	2.6E+02	n	2.6E+05	2.6E+05
Methylene chloride (dichloromethane)	75-09-2	5.0E-03	5	m	5	Methylene chloride (dichloromethane)	3.9E+02	c	3.9E+05	3.9E+04
Methyl ethyl ketone (2-butanone)	78-93-3	1.5E+01	14665.17857	n	14665.17857	Methyl ethyl ketone (2-butanone)	3.4E+04	n	3.4E+07	3.4E+07
Methyl iodide (iodomethane)	74-88-4	3.4E-02	34.21875	n	34.21875	Methyl iodide (iodomethane)	7.1E+01	n	7.1E+04	7.1E+04
Methyl isobutyl ketone (4-methyl-2-pentanone)	108-10-1	2.0E+00	1955.357143	n	1955.357143	Methyl isobutyl ketone (4-methyl-2-pentanone)	5.9E+03	n	5.9E+06	5.9E+06
Methyl mercury	22967-92-6	2.4E-03	2.444196429	n	2.444196429	Methyl mercury	8.0E+00	n	8.0E+03	8.0E+03
Methylmecury hydroxide	1184-57-2	2.4E-03	2.444196429	n	2.444196429	Methylmecury hydroxide	9.9E-01	n	9.9E+02	9.9E+02
Methyl methacrylate	80-62-6	3.4E+01	34218.75	n	34218.75	Methyl methacrylate	9.8E+03	n	9.8E+06	9.8E+06
Methyl methanesulfonate	66-27-3	9.2E-03	9.217171717	c	0.921717172	Methyl methanesulfonate	3.3E+01	c	3.3E+04	3.3E+03
Methylnaphthalene, 1-	90-12-0	1.7E+00	1710.9375	n	1710.9375	Methylnaphthalene, 1-	4.4E+03	n	4.4E+06	4.4E+06
Methylnaphthalene, 2-	91-57-6	9.8E-02	97.76785714	n	97.76785714	Methylnaphthalene, 2-	2.5E+02	n	2.5E+05	2.5E+05
Methyl-5-nitroaniline, 2- (5-nitro-o-toluidine)	99-55-8	2.8E-02	27.65151515	c	2.765151515	Methyl-5-nitroaniline, 2- (5-nitro-o-toluidine)	1.4E+02	c	1.4E+05	1.4E+04
Methyl parathion	298-00-0	6.1E-03	6.110491071	n	6.110491071	Methyl parathion	1.5E+01	n	1.5E+04	1.5E+04
Methyl-2-pentenal, 2-	623-36-9	4.8E-04	0.480263158	c	0.048026316	Methyl-2-pentenal, 2-	3.2E+00	c	3.2E+03	3.2E+02
Methyl-1-propanal, 2- (isobutyraldehyde)	78-84-2	9.8E-01	977.6785714	n	977.6785714	Methyl-1-propanal, 2- (isobutyraldehyde)	1.9E+03	n	1.9E+06	1.9E+06
Methylpyrrolidone, N-	872-50-4	4.9E-01	488.8392857	n	488.8392857	Methylpyrrolidone, N-	1.2E+03	n	1.2E+06	1.2E+06
Methyltetrahydrofuran, 2-	96-47-9	1.2E-01	120.0657895	c	12.00657895	Methyltetrahydrofuran, 2-	1.5E+02	c	1.5E+05	1.5E+04

Methyltetrahydropyran, 2-	10141-72-7	1.2E-01	120.0657895	c	12.00657895	Methyltetrahydropyran, 2-	1.7E+02	c	1.7E+05	1.7E+04
Metolachlor	51218-45-2	3.7E+00	3666.294643	n	3666.294643	Metolachlor	1.0E+04	n	1.0E+07	1.0E+07
Metribuzin	21087-64-9	6.1E-01	611.0491071	n	611.0491071	Metribuzin	1.7E+03	n	1.7E+06	1.7E+06
Mirex	2385-85-5	4.9E-03	4.888392857	n	4.888392857	Mirex	1.3E+01	n	1.3E+04	1.3E+04
Molinate	2212-67-1	4.9E-02	48.88392857	n	48.88392857	Molinate	1.3E+02	n	1.3E+05	1.3E+05
Molybdenum	7439-98-7	1.2E-01	122.2098214	n	122.2098214	Molybdenum	1.6E+02	n	1.6E+05	1.6E+05
Morpholine	110-91-8	1.2E+04	12220982.14	n	12220982.14	Morpholine	1.4E+02	n	1.4E+05	1.4E+05
MTBE (methyl tert-butyl ether)[7]	1634-04-4	2.4E-01	244.4196429	n	244.4196429	MTBE (methyl tert-butyl ether)	8.0E+02	n	8.0E+05	8.0E+05
Naled	300-76-5	4.9E-02	48.88392857	n	48.88392857	Naled	8.7E+01	n	8.7E+04	8.7E+04
Naphthalene	91-20-3	4.9E-01	488.8392857	n	488.8392857	Naphthalene	2.2E+02	n	2.2E+05	2.2E+05
Naphthoquinone, 1,4-	130-15-4	1.7E-01	171.09375	n	171.09375	Naphthoquinone, 1,4-	1.9E+01	n	1.9E+04	1.9E+04
Naphthylamine, 1-	134-32-7	4.9E-01	488.8392857	n	488.8392857	Naphthylamine, 1-	1.3E+03	n	1.3E+06	1.3E+06
Naphthylamine, 2-	91-59-8	5.1E-04	0.506944444	c	0.050694444	Naphthylamine, 2-	2.6E+00	c	2.6E+03	2.6E+02
Napropamide	15299-99-7	2.4E+00	2444.196429	n	2444.196429	Napropamide	6.7E+03	n	6.7E+06	6.7E+06
Neopentyl glycol	126-30-7	7.3E+00	7332.589286	n	7332.589286	Neopentyl glycol	2.0E+04	n	2.0E+07	2.0E+07
Nickel and compounds	7440-02-0	4.9E-01	488.8392857	n	488.8392857	Nickel and compounds	8.4E+02	n	8.4E+05	8.4E+05
Nitrate	14797-55-8	1.0E+01	10000	m	10000	Nitrate	1.3E+05	n	1.3E+08	1.3E+08
Nitrite	14797-65-0	1.0E+00	1000	m	1000	Nitrite	8.0E+03	n	8.0E+06	8.0E+06
Nitroaniline, 2-	88-74-4	7.3E-03	7.332589286	n	7.332589286	Nitroaniline, 2-	1.4E+01	n	1.4E+04	1.4E+04
Nitroaniline, 3-	99-09-2	7.3E-03	7.332589286	n	7.332589286	Nitroaniline, 3-	2.0E+01	n	2.0E+04	2.0E+04
Nitroaniline, 4-	100-01-6	2.4E-02	24.01315789	c	2.401315789	Nitroaniline, 4-	1.2E+02	c	1.2E+05	1.2E+04
Nitrobenzene	98-95-3	1.2E-02	12.22098214	n	12.22098214	Nitrobenzene	3.1E+01	n	3.1E+04	3.1E+04
Nitroglycerin	55-63-0	1.7E-03	1.7109375	n	1.7109375	Nitroglycerin	4.7E+00	n	4.7E+03	4.7E+03
Nitrophenol, 2-	88-75-5	4.9E-02	48.88392857	n	48.88392857	Nitrophenol, 2-	1.1E+02	n	1.1E+05	1.1E+05
Nitrophenol, 3-	554-84-7	4.9E-02	48.88392857	n	48.88392857	Nitrophenol, 3-	1.2E+02	n	1.2E+05	1.2E+05
Nitrophenol, 4-	100-02-7	4.9E-02	48.88392857	n	48.88392857	Nitrophenol, 4-	7.3E+01	n	7.3E+04	7.3E+04
Nitropropane, 2-	79-46-9	3.4E-03	3.421875	n	3.421875	Nitropropane, 2-	1.3E-01	c	1.3E+02	1.3E+01
Nitroquinoline-N-oxide, 4-	56-57-5	9.7E-05	0.097074468	c	0.009707447	Nitroquinoline-N-oxide, 4-	4.0E-01	c	4.0E+02	4.0E+01
Nitrosodiethanolamine, N-	1116-54-7	3.3E-04	0.325892857	c	0.032589286	Nitrosodiethanolamine, N-	1.7E+00	c	1.7E+03	1.7E+02
Nitrosodiethylamine, N-	55-18-5	6.1E-06	0.006083333	c	0.000608333	Nitrosodiethylamine, N-	2.5E-02	c	2.5E+01	2.5E+00
Nitrosodimethylamine, N-	62-75-9	1.8E-05	0.017892157	c	0.001789216	Nitrosodimethylamine, N-	7.4E-02	c	7.4E+01	7.4E+00
Nitrosodi-n-butylamine, N-	924-16-3	1.7E-04	0.168981481	c	0.016898148	Nitrosodi-n-butylamine, N-	4.7E-01	c	4.7E+02	4.7E+01
Nitrosodi-n-propylamine, N-	621-64-7	1.3E-04	0.130357143	c	0.013035714	Nitrosodi-n-propylamine, N-	4.0E-01	c	4.0E+02	4.0E+01
Nitrosodiphenylamine, N-	86-30-6	1.9E-01	186.2244898	c	18.62244898	Nitrosodiphenylamine, N-	5.7E+02	c	5.7E+05	5.7E+04
Nitroso-methyl-ethyl-amine, N-	10595-95-6	4.1E-05	0.041477273	c	0.004147727	Nitroso-methyl-ethyl-amine, N-	2.8E-01	c	2.8E+02	2.8E+01
Nitrosomorpholine, N-	59-89-2	1.4E-04	0.13619403	c	0.013619403	Nitrosomorpholine, N-	5.0E-01	c	5.0E+02	5.0E+01
Nitroso-N-ethylurea, N-	759-73-9	6.5E-06	0.006517857	c	0.000651786	Nitroso-N-ethylurea, N-	3.4E-02	c	3.4E+01	3.4E+00
Nitrosopiperidine, N-	100-75-4	4.0E-03	4	c	0.4	Nitrosopiperidine, N-	3.6E-01	c	3.6E+02	3.6E+01
Nitrosopyrrolidine, N-	930-55-2	4.3E-04	0.43452381	c	0.043452381	Nitrosopyrrolidine, N-	1.6E+00	c	1.6E+03	1.6E+02
Nitrotoluene, m-	99-08-1	2.4E-01	244.4196429	n	244.4196429	Nitrotoluene, m-	3.8E+02	n	3.8E+05	3.8E+05
Nitrotoluene, o-	88-72-2	2.4E-01	244.4196429	n	244.4196429	Nitrotoluene, o-	3.9E+02	n	3.9E+05	3.9E+05
Nitrotoluene, p-	99-99-0	2.4E-01	244.4196429	n	244.4196429	Nitrotoluene, p-	3.8E+02	n	3.8E+05	3.8E+05
Nonachlor, cis-	5103-73-1	2.6E-03	2.607142857	c	0.260714286	Nonachlor, cis-	5.6E+00	c	5.6E+03	5.6E+02
Nonachlor, trans-	39765-80-5	2.6E-03	2.607142857	c	0.260714286	Nonachlor, trans-	5.6E+00	c	5.6E+03	5.6E+02
Nonanal	124-19-6	4.9E+00	4888.392857	n	4888.392857	Nonanal	1.3E+04	n	1.3E+07	1.3E+07
Nonylphenol	25154-52-3/ 84852-15-3/ 104-40-5	1.2E+00	1222.098214	n	1222.098214	Nonylphenol	3.2E+03	n	3.2E+06	3.2E+06
Octamethylpyrophosphoramide	152-16-9	4.9E-02	48.88392857	n	48.88392857	Octamethylpyrophosphoramide	1.3E+02	n	1.3E+05	1.3E+05
Octanone	106-68-3	1.5E+00	1466.517857	n	1466.517857	Octanone	4.9E+03	n	4.9E+06	4.9E+06
Oxamyl	23135-22-0	2.0E-01	200	m	200	Oxamyl	1.7E+03	n	1.7E+06	1.7E+06
Oxychlordane	27304-13-8	2.6E-03	2.607142857	c	0.260714286	Oxychlordane	5.6E+00	c	5.6E+03	5.6E+02
Paraquat	1910-42-5	1.1E-01	109.9888393	n	109.9888393	Paraquat	3.0E+02	n	3.0E+05	3.0E+05
Parathion (ethyl parathion)	56-38-2	1.5E-01	146.6517857	n	146.6517857	Parathion (ethyl parathion)	1.2E+02	n	1.2E+05	1.2E+05
Pebulate	1114-71-2	1.2E+00	1222.098214	n	1222.098214	Pebulate	3.3E+03	n	3.3E+06	3.3E+06
Pendimethalin	40487-42-1	9.8E-01	977.6785714	n	977.6785714	Pendimethalin	2.5E+03	n	2.5E+06	2.5E+06
Pentachlorobenzene	608-93-5	2.0E-02	19.55357143	n	19.55357143	Pentachlorobenzene	5.3E+01	n	5.3E+04	5.3E+04
Pentachloroethane	76-01-7	3.5E-02	35.09615385	c	3.509615385	Pentachloroethane	6.7E+01	c	6.7E+04	6.7E+03
Pentachloronitrobenzene	82-68-8	3.5E-03	3.509615385	c	0.350961538	Pentachloronitrobenzene	1.0E+01	c	1.0E+04	1.0E+03
Pentachlorophenol	87-86-5	1.0E-03	1	m	1	Pentachlorophenol	2.4E+00	c	2.4E+03	2.4E+02
Pentadiene, 1,3-trans-	2004-70-8	1.5E+00	1466.517857	n	1466.517857	Pentadiene, 1,3-trans-	4.8E+03	n	4.8E+06	4.8E+06
Pentaerythritol tetranitrate (PETN)	78-11-5	9.8E+00	9776.785714	n	9776.785714	Pentaerythritol tetranitrate (PETN)	2.7E+04	n	2.7E+07	2.7E+07

Pentane	109-66-0	1.7E+01	17109.375	n	17109.375	Pentane	4.9E+03	n	4.9E+06	4.9E+06
Pentane, 2-methyl-	107-83-5	1.5E+00	1466.517857	n	1466.517857	Pentane, 2-methyl-	4.8E+03	n	4.8E+06	4.8E+06
Pentane, 3-methyl-	96-14-0	1.5E+00	1466.517857	n	1466.517857	Pentane, 3-methyl-	4.8E+03	n	4.8E+06	4.8E+06
Pentanediol, 1,5-	111-29-5	1.2E+02	122209.8214	n	122209.8214	Pentanediol, 1,5-	3.0E+05	n	3.0E+08	3.0E+08
Pentanol, 1-	71-41-0	8.1E-01	806.5848214	n	806.5848214	Pentanol, 1-	2.6E+03	n	2.6E+06	2.6E+06
Pentanol, 4-methyl-2-	108-11-2	6.4E-01	635.4910714	n	635.4910714	Pentanol, 4-methyl-2-	1.5E+03	n	1.5E+06	1.5E+06
Pentanone, 2-	107-87-9	9.8E-01	977.6785714	n	977.6785714	Pentanone, 2-	2.6E+03	n	2.6E+06	2.6E+06
Pentyne, 1-	627-19-0	1.5E+00	1466.517857	n	1466.517857	Pentyne, 1-	4.8E+03	n	4.8E+06	4.8E+06
Perchlorate	14797-73-0	1.7E-02	17.109375	n	17.109375	Perchlorate	5.1E+01	n	5.1E+04	5.1E+04
Perylene	198-55-0	4.9E-01	488.8392857	n	488.8392857	Perylene	1.3E+03	n	1.3E+06	1.3E+06
Phenacetin	62-44-2	4.1E-01	414.7727273	c	41.47727273	Phenacetin	1.8E+03	c	1.8E+06	1.8E+05
Phenanthrene	85-01-8	7.3E-01	733.2589286	n	733.2589286	Phenanthrene	1.7E+03	n	1.7E+06	1.7E+06
Phenanthridine	229-87-8	7.3E-02	73.32589286	n	73.32589286	Phenanthridine	2.0E+02	n	2.0E+05	2.0E+05
Phenol	108-95-2	7.3E+00	7332.589286	n	7332.589286	Phenol	2.9E+03	n	2.9E+06	2.9E+06
Phenol, 4-tert-butyl-	98-54-4	1.2E-01	122.2098214	n	122.2098214	Phenol, 4-tert-butyl-	3.2E+02	n	3.2E+05	3.2E+05
Phenothiazine	92-84-2	2.7E-02	26.88616071	n	26.88616071	Phenothiazine	6.3E+01	n	6.3E+04	6.3E+04
Phenylene diamine, m-	108-45-2	1.5E-01	146.6517857	n	146.6517857	Phenylene diamine, m-	1.3E+01	n	1.3E+04	1.3E+04
Phenylene diamine, p-	106-50-3	4.6E+00	4643.973214	n	4643.973214	Phenylene diamine, p-	1.5E+01	n	1.5E+04	1.5E+04
Phenyl mercuric acetate	62-38-4	2.0E-03	1.955357143	n	1.955357143	Phenyl mercuric acetate	5.3E+00	n	5.3E+03	5.3E+03
Phorate	298-02-2	4.9E-03	4.888392857	n	4.888392857	Phorate	1.0E+01	n	1.0E+04	1.0E+04
Phosalone	2310-17-0	4.9E-02	48.88392857	n	48.88392857	Phosalone	1.3E+02	n	1.3E+05	1.3E+05
Phosdrin (mevinphos)	7786-34-7	6.1E-04	0.611049107	n	0.611049107	Phosdrin (mevinphos)	1.7E+00	n	1.7E+03	1.7E+03
Phosmet	732-11-6	4.9E-01	488.8392857	n	488.8392857	Phosmet	6.8E+02	n	6.8E+05	6.8E+05
Phosphine	7803-51-2	7.3E-03	7.332589286	n	7.332589286	Phosphine	3.8E+00	n	3.8E+03	3.8E+03
Phosphorus, total*	7723-14-0	---	NA	---	NA	Phosphorus, total*	---	---	---	---
Phosphorus, white	7723-14-0	4.9E-04	0.488839286	n	0.488839286	Phosphorus, white	7.5E-01	n	7.5E+02	7.5E+02
Phthalic anhydride	85-44-9	4.9E+01	48883.92857	n	48883.92857	Phthalic anhydride	3.6E+04	n	3.6E+07	3.6E+07
Picloram	1918-02-1	5.0E-01	500	m	500	Picloram	4.7E+03	n	4.7E+06	4.7E+06
Picoline, 2- (2-methylpyridine)	109-06-8	2.2E-01	219.9776786	n	219.9776786	Picoline, 2- (2-methylpyridine)	1.7E+01	n	1.7E+04	1.7E+04
Polybrominated biphenyls (PBBs)	67774-32-7	1.0E-04	0.10252809	c	0.010252809	Polybrominated biphenyls (PBBs)	9.7E-03	c	9.7E+00	9.7E-01
Polychlorinated biphenyls (PCBs)	1336-36-3	5.0E-04	0.5	m	0.5	Polychlorinated biphenyls (PCBs)	1.1E+00	n	1.1E+03	1.1E+03
Potassium*	7440-09-7	---	NA	---	NA	Potassium*	---	---	---	---
Primene	68955-53-3	1.5E-01	146.6517857	n	146.6517857	Primene	3.0E+02	n	3.0E+05	3.0E+05
Prometon (pramitol)	1610-18-0	3.7E-01	366.6294643	n	366.6294643	Prometon (pramitol)	1.0E+03	n	1.0E+06	1.0E+06
Pronamide	23950-58-5	1.8E+00	1833.147321	n	1833.147321	Pronamide	5.0E+03	n	5.0E+06	5.0E+06
Propanal (propionaldehyde)	123-38-6	2.0E-01	195.5357143	n	195.5357143	Propanal (propionaldehyde)	5.3E+02	n	5.3E+05	5.3E+05
Propanil	709-98-8	1.2E-01	122.2098214	n	122.2098214	Propanil	3.3E+02	n	3.3E+05	3.3E+05
Propanoic acid (propionic acid)	79-09-4	1.2E+01	12220.98214	n	12220.98214	Propanoic acid (propionic acid)	1.1E+02	n	1.1E+05	1.1E+05
Propanol, 1-	71-23-8	4.9E+00	4888.392857	n	4888.392857	Propanol, 1-	9.4E+03	n	9.4E+06	9.4E+06
Propargite	2312-35-8	4.9E-01	488.8392857	n	488.8392857	Propargite	1.3E+03	n	1.3E+06	1.3E+06
Propargyl alcohol	107-19-7	4.9E-02	48.88392857	n	48.88392857	Propargyl alcohol	1.1E+02	n	1.1E+05	1.1E+05
Propazine	139-40-2	2.1E-02	20.50561798	c	2.050561798	Propazine	1.1E+02	c	1.1E+05	1.1E+04
Propham	122-42-9	4.9E-01	488.8392857	n	488.8392857	Propham	1.3E+03	n	1.3E+06	1.3E+06
Propionitrile (propane nitrile)	107-12-0	9.8E-03	9.776785714	n	9.776785714	Propionitrile (propane nitrile)	2.9E+01	n	2.9E+04	2.9E+04
Propyl acetate, n-	109-60-4	2.2E+00	2199.776786	n	2199.776786	Propyl acetate, n-	7.4E+03	n	7.4E+06	7.4E+06
Propylbenzene, n-	103-65-1	9.8E-01	977.6785714	n	977.6785714	Propylbenzene, n-	2.2E+03	n	2.2E+06	2.2E+06
Propylene glycol	57-55-6	4.9E+02	488839.2857	n	488839.2857	Propylene glycol	1.9E+04	n	1.9E+07	1.9E+07
Propylene glycol monomethyl ether	107-98-2	1.7E+01	17109.375	n	17109.375	Propylene glycol monomethyl ether	4.6E+04	n	4.6E+07	4.6E+07
Propylene oxide	75-56-9	3.8E-03	3.802083333	c	0.380208333	Propylene oxide	2.0E+01	c	2.0E+04	2.0E+03
Propylene tetramer	6842-15-5	2.4E+00	2444.196429	n	2444.196429	Propylene tetramer	4.6E+03	n	4.6E+06	4.6E+06
Pyrene	129-00-0	7.3E-01	733.2589286	n	733.2589286	Pyrene	1.7E+03	n	1.7E+06	1.7E+06
Pyridine	110-86-1	2.4E-02	24.44196429	n	24.44196429	Pyridine	6.0E+01	n	6.0E+04	6.0E+04
Quinoline	91-22-5	3.0E-04	0.304166667	c	0.030416667	Quinoline	1.6E+00	c	1.6E+03	1.6E+02
Ronnel	299-84-3	1.2E+00	1222.098214	n	1222.098214	Ronnel	2.3E+03	n	2.3E+06	2.3E+06
Safrole	94-59-7	4.1E-03	4.147727273	c	0.414772727	Safrole	1.6E+01	c	1.6E+04	1.6E+03
Selenium	7782-49-2	5.0E-02	50	m	50	Selenium	3.1E+02	n	3.1E+05	3.1E+05
Selenourea	630-10-4	1.2E-01	122.2098214	n	122.2098214	Selenourea	4.1E+02	n	4.1E+05	4.1E+05
Silver	7440-22-4	1.2E-01	122.2098214	n	122.2098214	Silver	9.6E+01	n	9.6E+04	9.6E+04
Simazine	122-34-9	4.0E-03	4	m	4	Simazine	3.9E+01	c	3.9E+04	3.9E+03
Sodium*	7440-23-5	---	NA	---	NA	Sodium*	---	---	---	---

Sodium diethyldithiocarbamate	148-18-5	3.4E-03	3.37962963	c	0.337962963	Sodium diethyldithiocarbamate	2.2E+01	c	2.2E+04	2.2E+03
Sodium polyacrylate	9003-04-7	1.2E+01	12220.98214	n	12220.98214	Sodium polyacrylate	1.2E+02	n	1.2E+05	1.2E+05
Strontium	7440-24-6	1.5E+01	14665.17857	n	14665.17857	Strontium	4.4E+04	n	4.4E+07	4.4E+07
Strychnine	57-24-9	7.3E-03	7.332589286	n	7.332589286	Strychnine	2.0E+01	n	2.0E+04	2.0E+04
Styrene	100-42-5	1.0E-01	100	m	100	Styrene	9.7E+03	n	9.7E+06	9.7E+06
Sulfate*	14808-79-8	---	NA	---	NA	Sulfate*	---	---	---	---
Sulfide*	18496-25-8	---	NA	---	NA	Sulfide*	---	---	---	---
Sulfolane	126-33-0	4.9E-04	0.488839286	n	0.488839286	Sulfolane	1.3E+00	n	1.3E+03	1.3E+03
Sulfur*	7704-34-9	---	NA	---	NA	Sulfur*	---	---	---	---
TCDD, 2,3,7,8- (dioxin)	1746-01-6	3.0E-08	0.00003	m	0.00003	TCDD, 2,3,7,8- (dioxin)	1.0E-03	---	1.0E+00	1.0E+00
Tebuconazole	107534-96-3	7.3E-01	733.2589286	n	733.2589286	Tebuconazole	2.0E+03	n	2.0E+06	2.0E+06
Tebuthiuron	34014-18-1	1.7E+00	1710.9375	n	1710.9375	Tebuthiuron	4.7E+03	n	4.7E+06	4.7E+06
Terbufos	13071-79-9	6.1E-04	0.611049107	n	0.611049107	Terbufos	1.7E+00	n	1.7E+03	1.7E+03
Tert-amyl-methyl ether (TAME)	994-05-8	9.8E-01	977.6785714	n	977.6785714	Tert-amyl-methyl ether (TAME)	3.3E+03	n	3.3E+06	3.3E+06
Tert-butyl alcohol (2-methyl-2-propanol)	75-65-0	2.2E+00	2199.776786	n	2199.776786	Tert-butyl alcohol (2-methyl-2-propanol)	4.7E+03	n	4.7E+06	4.7E+06
Tetrachlorobenzene, 1,2,3,4-	634-66-2	7.3E-03	7.332589286	n	7.332589286	Tetrachlorobenzene, 1,2,3,4-	2.0E+01	n	2.0E+04	2.0E+04
Tetrachlorobenzene, 1,2,3,5-	634-90-2	7.3E-03	7.332589286	n	7.332589286	Tetrachlorobenzene, 1,2,3,5-	1.3E+01	n	1.3E+04	1.3E+04
Tetrachlorobenzene, 1,2,4,5-	95-94-3	7.3E-03	7.332589286	n	7.332589286	Tetrachlorobenzene, 1,2,4,5-	2.0E+01	n	2.0E+04	2.0E+04
Tetrachloroethane, 1,1,1,2-	630-20-6	3.5E-02	35.09615385	c	3.509615385	Tetrachloroethane, 1,1,1,2-	6.5E+01	c	6.5E+04	6.5E+03
Tetrachloroethane, 1,1,2,2-	79-34-5	4.6E-03	4.5625	c	0.45625	Tetrachloroethane, 1,1,2,2-	6.9E+00	c	6.9E+03	6.9E+02
Tetrachloroethylene (perchlorethylene)	127-18-4	5.0E-03	5	m	5	Tetrachloroethylene (perchlorethylene)	9.8E+01	c	9.8E+04	9.8E+03
Tetrachlorophenol, 2,3,4,5-	4901-51-3	7.3E-01	733.2589286	n	733.2589286	Tetrachlorophenol, 2,3,4,5-	3.8E+02	n	3.8E+05	3.8E+05
Tetrachlorophenol, 2,3,4,6-	58-90-2	7.3E-01	733.2589286	n	733.2589286	Tetrachlorophenol, 2,3,4,6-	1.7E+02	n	1.7E+05	1.7E+05
Tetrachlorophenol, 2,3,5,6-	935-95-5	7.3E-01	733.2589286	n	733.2589286	Tetrachlorophenol, 2,3,5,6-	2.1E+01	n	2.1E+04	2.1E+04
Tetradifon	116-29-0	4.9E-01	488.8392857	n	488.8392857	Tetradifon	1.0E+03	n	1.0E+06	1.0E+06
Tetraethyl dithiopyrophosphate (sulfotep)	3689-24-5	1.2E-02	12.22098214	n	12.22098214	Tetraethyl dithiopyrophosphate (sulfotep)	2.8E+01	n	2.8E+04	2.8E+04
Tetraethylene glycol	112-60-7	8.1E+00	8065.848214	n	8065.848214	Tetraethylene glycol	1.6E+03	n	1.6E+06	1.6E+06
Tetraethyl lead	78-00-2	2.4E-06	0.002444196	n	0.002444196	Tetraethyl lead	6.6E-03	n	6.6E+00	6.6E+00
Tetrahydrofuran	109-99-9	1.2E-01	120.0657895	c	12.00657895	Tetrahydrofuran	1.5E+02	c	1.5E+05	1.5E+04
Tetrahydropyran	142-68-7	1.2E-01	120.0657895	c	12.00657895	Tetrahydropyran	1.6E+02	c	1.6E+05	1.6E+04
Thallium and compounds (as thallium chloride)	7791-12-0	2.0E-03	2	m	2	Thallium and compounds (as thallium chloride)	6.3E+00	n	6.3E+03	6.3E+03
Thiofanox	39196-18-4	7.3E-03	7.332589286	n	7.332589286	Thiofanox	1.9E+01	n	1.9E+04	1.9E+04
Thionazin	297-97-2	1.7E-03	1.7109375	n	1.7109375	Thionazin	4.7E+00	n	4.7E+03	4.7E+03
Thiophanate-methyl	23564-05-8	2.0E+00	1955.357143	n	1955.357143	Thiophanate-methyl	5.3E+03	n	5.3E+06	5.3E+06
Thiram	137-26-8	1.2E-01	122.2098214	n	122.2098214	Thiram	2.6E+02	n	2.6E+05	2.6E+05
Tin	7440-31-5	1.5E+01	14665.17857	n	14665.17857	Tin	3.5E+04	n	3.5E+07	3.5E+07
Titanium	7440-32-6	1.2E+04	12220982.14	n	12220982.14	Titanium	1.0E+06	n	1.0E+09	1.0E+09
Toluene	108-88-3	1.0E+00	1000	m	1000	Toluene	4.5E+03	n	4.5E+06	4.5E+06
Toluenediamine, 2,4-	95-80-7	2.9E-04	0.28515625	c	0.028515625	Toluenediamine, 2,4-	1.5E+00	c	1.5E+03	1.5E+02
Toluenediamine, 2,6-	823-40-5	4.9E+00	4888.392857	n	4888.392857	Toluenediamine, 2,6-	1.3E+04	n	1.3E+07	1.3E+07
Toluene diisocyanate, 2,4/2,6-	26471-62-5	---	NA	---	NA	Toluene diisocyanate, 2,4/2,6-	1.5E+02	n	1.5E+05	1.5E+05
Toluidine, o-	95-53-4	3.8E-03	3.802083333	c	0.380208333	Toluidine, o-	1.7E+01	c	1.7E+04	1.7E+03
Toluidine, p-	106-49-0	4.8E-03	4.802631579	c	0.480263158	Toluidine, p-	2.5E+01	c	2.5E+04	2.5E+03
Toxaphene	8001-35-2	3.0E-03	3	m	3	Toxaphene	1.2E+00	c	1.2E+03	1.2E+02
TP Silvex, 2,4,5-	93-72-1	5.0E-02	50	m	50	TP Silvex, 2,4,5-	5.2E+02	n	5.2E+05	5.2E+05
Triademenol	55219-65-3	7.3E-01	733.2589286	n	733.2589286	Triademenol	2.0E+03	n	2.0E+06	2.0E+06
Triallate	2303-17-5	3.2E-01	317.7455357	n	317.7455357	Triallate	3.2E+02	n	3.2E+05	3.2E+05
Triaminotrinitrobenzene (TATB)	3058-38-6	3.0E-02	30.41666667	c	3.041666667	Triaminotrinitrobenzene (TATB)	1.3E+02	n	1.3E+05	1.3E+05
Tributyltin oxide	56-35-9	7.3E-03	7.332589286	n	7.332589286	Tributyltin oxide	7.4E-01	n	7.4E+02	7.4E+02
Trichlorobenzene, 1,2,3-	87-61-6	7.3E-02	73.32589286	n	73.32589286	Trichlorobenzene, 1,2,3-	1.9E+02	n	1.9E+05	1.9E+05
Trichlorobenzene, 1,2,4-	120-82-1	7.0E-02	70	m	70	Trichlorobenzene, 1,2,4-	6.4E+02	n	6.4E+05	6.4E+05
Trichlorobenzene, 1,3,5-	108-70-3	7.3E-02	73.32589286	n	73.32589286	Trichlorobenzene, 1,3,5-	1.9E+02	n	1.9E+05	1.9E+05
Trichloroethane, 1,1,1-	71-55-6	2.0E-01	200	m	200	Trichloroethane, 1,1,1-	7.9E+03	n	7.9E+06	7.9E+06
Trichloroethane, 1,1,2-	79-00-5	5.0E-03	5	m	5	Trichloroethane, 1,1,2-	1.8E+01	c	1.8E+04	1.8E+03
Trichloroethylene	79-01-6	5.0E-03	5	m	5	Trichloroethylene	1.5E+02	c	1.5E+05	1.5E+04
Trichlorofluoromethane	75-69-4	7.3E+00	7332.589286	n	7332.589286	Trichlorofluoromethane	1.6E+04	n	1.6E+07	1.6E+07
Trichloronate	327-98-0	7.3E-02	73.32589286	n	73.32589286	Trichloronate	1.4E+02	n	1.4E+05	1.4E+05
Trichlorophenol, 2,3,4-	15950-66-0	2.4E+00	2444.196429	n	2444.196429	Trichlorophenol, 2,3,4-	5.8E+03	n	5.8E+06	5.8E+06
Trichlorophenol, 2,3,5-	933-78-8	2.4E+00	2444.196429	n	2444.196429	Trichlorophenol, 2,3,5-	5.4E+03	n	5.4E+06	5.4E+06
Trichlorophenol, 2,3,6-	933-75-5	2.4E+00	2444.196429	n	2444.196429	Trichlorophenol, 2,3,6-	4.3E+02	n	4.3E+05	4.3E+05

Trichlorophenol, 2,4,5-	95-95-4	2.4E+00	2444.196429	n	2444.196429	Trichlorophenol, 2,4,5-	5.1E+03	n	5.1E+06	5.1E+06
Trichlorophenol, 2,4,6-	88-06-2	8.3E-02	82.95454545	c	8.295454545	Trichlorophenol, 2,4,6-	3.5E+02	c	3.5E+05	3.5E+04
Trichlorophenol, 3,4,5-	609-19-8	2.4E+00	2444.196429	n	2444.196429	Trichlorophenol, 3,4,5-	6.3E+03	n	6.3E+06	6.3E+06
Trichlorophenoxyacetic acid, 2,4,5-	93-76-5	2.4E-01	244.4196429	n	244.4196429	Trichlorophenoxyacetic acid, 2,4,5-	5.6E+02	n	5.6E+05	5.6E+05
Trichloropropane, 1,1,2-	598-77-6	1.2E-01	122.2098214	n	122.2098214	Trichloropropane, 1,1,2-	2.8E+02	n	2.8E+05	2.8E+05
Trichloropropane, 1,2,3-	96-18-4	1.3E-04	0.130357143	c	0.013035714	Trichloropropane, 1,2,3-	8.7E-01	c	8.7E+02	8.7E+01
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1	7.3E+02	733258.9286	n	733258.9286	Trichloro-1,2,2-trifluoroethane, 1,1,2-	3.9E+05	n	3.9E+08	3.9E+08
Triethanolamine	102-71-6	4.9E+00	4888.392857	n	4888.392857	Triethanolamine	7.3E+02	n	7.3E+05	7.3E+05
Triethylamine	121-44-8	---	NA	---	NA	Triethylamine	1.1E+02	n	1.1E+05	1.1E+05
Triethylene glycol	112-27-6	7.3E+01	73325.89286	n	73325.89286	Triethylene glycol	2.0E+05	n	2.0E+08	2.0E+08
Triethylphosphorothioate, O, O, O-	126-68-1	2.0E-04	0.202868304	n	0.202868304	Triethylphosphorothioate, O, O, O-	5.5E-01	n	5.5E+02	5.5E+02
Trifluralin	1582-09-8	1.2E-01	118.5064935	c	11.85064935	Trifluralin	2.7E+02	c	2.7E+05	2.7E+04
Trimethylamine	75-50-3	---	NA	---	NA	Trimethylamine	1.5E+02	n	1.5E+05	1.5E+05
Trimethylbenzene, 1,2,3-	526-73-8	1.2E+00	1222.098214	n	1222.098214	Trimethylbenzene, 1,2,3-	1.2E+02	n	1.2E+05	1.2E+05
Trimethylbenzene, 1,2,4-	95-63-6	1.2E+00	1222.098214	n	1222.098214	Trimethylbenzene, 1,2,4-	1.3E+02	n	1.3E+05	1.3E+05
Trimethylbenzene, 1,3,5-	108-67-8	1.2E+00	1222.098214	n	1222.098214	Trimethylbenzene, 1,3,5-	1.1E+02	n	1.1E+05	1.1E+05
Trinitrobenzene, 1,3,5-	99-35-4	7.3E-01	733.2589286	n	733.2589286	Trinitrobenzene, 1,3,5-	2.0E+03	n	2.0E+06	2.0E+06
Trinitrophenylmethylnitramine (tetryl; nitramine)	479-45-8	2.4E-01	244.4196429	n	244.4196429	Trinitrophenylmethylnitramine (tetryl; nitramine)	6.8E+01	n	6.8E+04	6.8E+04
Trinitrotoluene, 2,4,6-	118-96-7	1.2E-02	12.22098214	n	12.22098214	Trinitrotoluene, 2,4,6-	2.3E+01	n	2.3E+04	2.3E+04
Uranium (soluble salts)	7440-61-1	3.0E-02	30	m	30	Uranium (soluble salts)	2.2E+02	n	2.2E+05	2.2E+05
Valeric acid (pentanoic acid)	109-52-4	1.2E+01	12220.98214	n	12220.98214	Valeric acid (pentanoic acid)	1.3E+02	n	1.3E+05	1.3E+05
Vanadium	7440-62-2	1.7E-01	171.09375	n	171.09375	Vanadium	2.9E+02	n	2.9E+05	2.9E+05
Vernam	1929-77-7	2.4E-02	24.44196429	n	24.44196429	Vernam	6.7E+01	n	6.7E+04	6.7E+04
Vinyl acetate	108-05-4	2.4E+01	24441.96429	n	24441.96429	Vinyl acetate	3.0E+03	n	3.0E+06	3.0E+06
Vinyl chloride	75-01-4	2.0E-03	2	m	2	Vinyl chloride	3.7E+00	c	3.7E+03	3.7E+02
Vinylcyclohexane	695-12-5	1.2E+01	12220.98214	n	12220.98214	Vinylcyclohexane	1.5E+02	n	1.5E+05	1.5E+05
Warfarin	81-81-2	7.3E-03	7.332589286	n	7.332589286	Warfarin	1.8E+01	n	1.8E+04	1.8E+04
Xylene, m-	108-38-3	1.0E+01	10000	m	10000	Xylene, m-	6.4E+03	n	6.4E+06	6.4E+06
Xylene, o-	95-47-6	1.0E+01	10000	m	10000	Xylene, o-	3.7E+04	n	3.7E+07	3.7E+07
Xylene, p-	106-42-3	1.0E+01	10000	m	10000	Xylene, p-	6.4E+03	n	6.4E+06	6.4E+06
Xylenes	1330-20-7	1.0E+01	10000	m	10000	Xylenes	1.4E+03	n	1.4E+06	1.4E+06
Zinc	7440-66-6	7.3E+00	7332.589286	n	7332.589286	Zinc	9.9E+03	n	9.9E+06	9.9E+06
6 C aliphatics (TPH)	NA	1.5E+00	1466.517857	n	1466.517857	6 C aliphatics (TPH)	1.9E+03	n	1.9E+06	1.9E+06
>6-8 C aliphatics (TPH)	NA	1.5E+00	1466.517857	n	1466.517857	>6-8 C aliphatics (TPH)	1.9E+03	n	1.9E+06	1.9E+06
>8-10 C aliphatics (TPH)	NA	2.4E+00	2444.196429	n	2444.196429	>8-10 C aliphatics (TPH)	5.3E+03	n	5.3E+06	5.3E+06
>10-12 C aliphatics (TPH)	NA	2.4E+00	2444.196429	n	2444.196429	>10-12 C aliphatics (TPH)	4.6E+03	n	4.6E+06	4.6E+06
>12-16 C aliphatics (TPH)	NA	2.4E+00	2444.196429	n	2444.196429	>12-16 C aliphatics (TPH)	5.2E+03	n	5.2E+06	5.2E+06
>16-21 C aliphatics (TPH)	NA	4.9E+01	48883.92857	n	48883.92857	>16-21 C aliphatics (TPH)	1.3E+05	n	1.3E+08	1.3E+08
>16-21 C, >21-35 C aliphatics (TPH) (for transformer mineral oil releases only)	NA	3.9E+01	39107.14286	n	39107.14286	>16-21 C, >21-35 C aliphatics (TPH) (for transformer mineral oil releases only)	1.1E+05	n	1.1E+08	1.1E+08
>7-8 C aromatics (TPH)	NA	2.4E+00	2444.196429	n	2444.196429	>7-8 C aromatics (TPH)	5.3E+03	n	5.3E+06	5.3E+06
>8-10 C aromatics (TPH)	NA	9.8E-01	980	n	980	>8-10 C aromatics (TPH)	1.6E+03	n	1.6E+06	1.6E+06
>10-12 C aromatics (TPH)	NA	9.8E-01	980	n	980	>10-12 C aromatics (TPH)	1.9E+03	n	1.9E+06	1.9E+06
>12-16 C aromatics (TPH)	NA	9.8E-01	980	n	980	>12-16 C aromatics (TPH)	2.3E+03	n	2.3E+06	2.3E+06
>16-21 C aromatics (TPH)	NA	7.3E-01	730	n	730	>16-21 C aromatics (TPH)	1.9E+03	n	1.9E+06	1.9E+06
>21-35 C aromatics (TPH)	NA	7.3E-01	730	n	730	>21-35 C aromatics (TPH)	1.9E+03	n	1.9E+06	1.9E+06
Transformer mineral oil	NA	1.3E+01	13000	n	13000	Transformer mineral oil	2.6E+04	n	2.6E+07	2.6E+07

Appendix E
Comparison of Quantitation Limits to Ecological Screening Standards

Analyte	Data Group	CAS	Bioaccumulative	AQUEOUS		WATER						SOLID		SEDIMENT						SOIL		
				RL ug/L	MDL ug/L	FRESHWATER ug/l		MARINE ug/l		MDL>TCEQ FRESHWATER	MDL>TCEQ MARINE	RL ug/kg	MDL ug/kg	FRESHWATER ug/kg dry wt.		MARINE ug/kg dry wt.		MDL>TCEQ FRESHWATER	MDL>TCEQ MARINE	EARTHWORMS mg/kg dry wt.	PLANTS mg/kg dry wt.	MEDIAN BACKGROUND mg/kg dry wt.
Acetone	VOC	67-64-1	No	50	2.8	101,200	b	282000.00	b	No	No	50	7.2	60030		167230.0		No	No			
Benzene	VOC	71-43-2	No	2	0.23	130	e	109.00	g	No	No	5	1.4	160		140.0		No	No			
Bromobenzene	VOC	108-86-1	No	2	0.73	NA		NA		NA	NA	5	1.3	NA		NA		NA	NA			
Bromochloromethane	VOC	74-97-5	No	2	0.64	NA		NA		NA	NA	5	1.4	NA		NA		NA	NA			
Bromodichloromethane	VOC	75-27-4	No	2	0.33	2,160	b	NA		No	NA	5	1.4	2460		NA		No	No			
Bromoform	VOC	75-25-2	No	2	0.65	149	b	1220.00	b	NA	NA	5	1.2	220		1780.0		No	No			
n-Butylbenzene	VOC	104-51-8	No	2	0.6	36	b	NA		No	NA	5	0.97	1090		NA		No	NA			
sec-Butylbenzene	VOC	135-98-8	No	2	0.5	41	b	NA		No	NA	5	1.1	880		NA		No	NA			
tert-Butylbenzene	VOC	98-06-6	No	2	0.55	48	b	NA		No	NA	5	1	1210		NA		No	NA			
Chlorobenzene	VOC	108-90-7	No	2	0.54	64	e	105.00	g	No	No	5	1.4	170		290.0		No	No	40		
Chloroethane	VOC	75-00-3	No	2	0.46	NA		NA		NA	NA	5	1.4	NA		NA		NA	NA			
Chloroform	VOC	67-66-3	No	2	0.66	890	q	4100.00	q	No	No	5	1.3	940		4300.0		No	No			
o-Chlorotoluene	VOC	95-49-8	No	2	0.5	NA		NA		NA	NA	5	1.2	NA		NA		NA	NA			
p-Chlorotoluene	VOC	106-43-4	No	2	0.5	NA		NA		NA	NA	5	1.1	NA		NA		NA	NA			
Carbon Disulfide	VOC	75-15-0	No	2	0.62	105	b	NA		No	NA	10	1.3	120		NA		No	NA			
Carbon tetrachloride	VOC	56-23-5	No	2	0.52	10	e	1500.00	g	No	No	10	1.3	20		3670.0		No	No			
Dibromochloromethane	VOC	124-48-1	No	2	0.68	129		NA		NA	NA	5	1.4	160		NA		No	NA			
1,2-Dibromo-3-chloropropane	VOC	96-12-8	No	2	1.5	NA		NA		NA	NA	5	1.4	NA		NA		NA	NA			
1,2-Dibromoethane	VOC	106-93-4	No	2	0.68	NA		NA		NA	NA	5	1.4	NA		NA		NA	NA			
1,1-Dichloroethane	VOC	75-34-3	No	2	0.52	2,570	q	NA		No	NA	5	1.3	2320		NA		No	NA			
1,2-Dichloroethane	VOC	107-06-2	No	2	0.53	6,300	q	5650.00	q	No	No	5	1.4	4790		4300.0		No	No			
1,1-Dichloroethylene	VOC	75-35-4	No	2	0.68	1,500	q	12500.00	q	No	No	5	1.3	1870		15410.0		No	No			
cis-1,2-Dichloroethylene	VOC	156-59-2	No	2	0.83	NA		NA		NA	NA	5	1.4	NA		NA		NA	NA			
trans-1,2-Dichloroethylene	VOC	156-60-5	No	2	0.75	22,000	q	NA		No	NA	5	1.3	23950		NA		No	NA			
1,2-Dichloropropane	VOC	78-87-5	No	2	0.59	1,870	b	2400.00	g	No	No	5	1.5	2200		2820.0		No	NA	700		
1,3-Dichloropropane	VOC	142-28-9	No	2	0.61	NA		NA		NA	NA	5	1.4	NA		NA		NA	NA			
2,2-Dichloropropane	VOC	594-20-7	No	2	0.65	NA		NA		NA	NA	5	1.1	NA		NA		NA	NA			
1,1-Dichloropropene	VOC	563-58-6	No	2	0.38	NA		NA		NA	NA	5	1.2	NA		NA		NA	NA			
cis-1,3-Dichloropropene	VOC	10061-01-5	No	2	0.59	NA		NA		NA	NA	5	1.3	NA		NA		NA	NA			
trans-1,3-Dichloropropene	VOC	10061-02-6	No	2	0.61	NA		NA		NA	NA	5	1.4	NA		NA		NA	NA			
m-Dichlorobenzene	VOC	541-73-1	No	2	0.5	85	b	142.00	b	No	No	5	1.2	190		320.0		No	No			
o-Dichlorobenzene	VOC	95-50-1	No	2	0.5	110	b	99.00	b	No	No	5	1.2	830		740.0		No	No			
p-Dichlorobenzene	VOC	106-46-7	No	2	0.5	110	b	99.00	b	No	No	5	1.2	770		700.0		No	No	20		
Dichlorodifluoromethane	VOC	75-71-8	No	2	0.73	1,960	b	NA		No	NA	5	1.1	3680		NA		No	NA			
1-4-Dioxane	VOC	123-91-1	No	50	24.1	22,000	x	NA	b	No	NA	250	24	119	x	NA		No	NA	12.6	NA	NA
Ethyl benzene	VOC	100-41-4	No	2	0.48	1,090	b	249.00	b	No	No	5	1.3	2860		650.0		No	No			
2-Hexanone	VOC	591-78-6	No	10	1.9	6,130	b	NA		No	NA	50	6.8	4700		NA		No	NA			
Hexachlorobutadiene	VOC	87-68-3	No	2	1.8	1	g	0.32	g	Yes	Yes	5	1.2	55		20.0		No	No			
Isopropylbenzene	VOC	98-82-8	No	2	0.46	255	b	NA		NA	NA	5	1.2	8990		NA		No	NA			
p-Isopropyltoluene	VOC	99-87-6	No	2	0.57	42	b	NA		NA	NA	5	1.2	1000		NA		No	NA			
Methyl bromide	VOC	74-83-9	No	2	0.47	110	b	600.00	b	No	No	5	1.5	80		420.0		No	No			
Methyl chloride	VOC	74-87-3	No	2	0.6	28,000	b	13500.00	b	NA	NA	5	1.5	106800		52430.0		No	No			
4-Methyl-2-pentanone	VOC	108-10-1	No	10	7.3	26,400	b	61500.00	b	No	No	50	7	19430		45340.0		No	No			
Methylene bromide	VOC	74-95-3	No	2	1	NA		NA		NA	NA	5	2	NA		NA		No	NA			
Methylene chloride	VOC	75-09-2	No	5	0.67	11,000	q	5420.00	q	No	No	10	2.5	2750		3820.0		No	No			
Methyl ethyl ketone	VOC	78-93-3	No	10	3	42,400	b	NA		NA	NA	50	6.7	25710		NA		No	NA			
Naphthalene	VOC	91-20-3	No	5	0.57	250	b	125.00	b	NA	NA	5	1.2	176		160.0		No	No			
n-Propylbenzene	VOC	103-65-1	No	2	0.53	64	b	NA		No	NA	5	1.1	720		NA		No	NA			
Styrene	VOC	100-42-5	No	2	0.5	1,250	b	455.00	b	No	No	5	1.3	10240		3720.0		No	No		300	
1,1,1,2-Tetrachloroethane	VOC	630-20-6	No	2	0.52	NA		NA		NA	NA	5	1.4	NA		NA		No	NA			
1,1,2,2-Tetrachloroethane	VOC	79-34-5	No	2	0.46	465	b	451.00	b	No	No	5	1.4	630		610.0		No	No			
1,2,3-Trichlorobenzene	VOC	87-61-6	No	2	0.62	NA		NA		NA	NA	5	1.2	NA		NA		NA	NA	20		

1,2,4-Trichlorobenzene	VOC	120-82-1	No	2	0.93	51	b	22.00	b	No	No	5	1	880		390.0		No	No	20		
1,1,1-Trichloroethane	VOC	71-55-6	No	2	0.37	2,450	q	1560.00	q	No	No	5	1.2	4130		2630.0		No	No			
1,1,2-Trichloroethane	VOC	79-00-5	No	2	0.66	900	b	275.00	b	No	No	5	1.4	980		300.0		No	No			
Trichloroethylene	VOC	79-01-6	No	2	0.63	550	b	970.00	q	No	No	5	1.3	840		1470.0		No	No			
Trichlorofluoromethane	VOC	75-69-4	No	2	0.82	871	b	NA		No	NA	5	1	1690		NA		No	NA			
1,2,3-Trichloropropane	VOC	96-18-4	No	2	0.52	NA		NA		NA	NA	5	1.4	NA		NA		NA	NA			
1,2,4-Trimethylbenzene	VOC	95-63-6	No	2	0.55	77	b	217.00	b	No	No	5	1.1	760		2160.0		No	No			
1,3,5-Trimethylbenzene	VOC	108-67-8	No	2	0.47	71	b	NA		No	NA	5	1.1	770		NA		No	NA			
Tetrachloroethylene	VOC	127-18-4	No	2	0.74	790	q	1450.00	q	No	No	5	1.3	1690		3100.0		No	No			
Toluene	VOC	108-88-3	No	2	0.54	1,450	q	480.00	q	No	No	5	1.3	2880		940.0		No	No		200	
Vinyl Acetate	VOC	108-05-4	No	10	2.1	2,820	b	NA		No	NA	25	8	10	b	NA		No	NA	12.7		
Vinyl chloride	VOC	75-01-4	No	2	0.32	2,820	b	NA		No	NA	5	1.4	1960		NA		No	NA			
Xylene (Total)	VOC	1330-20-7	No	6	1.1	1,340	q	850.00	q	No	No	15	3.8	4000		2540.0		No	No			
m,p-Xylene	VOC	108-38-3	No	4	1.1	2	e,m	NA		No	NA	5	1.3	4.6		NA		No	NA			
o-Xylene	VOC	95-47-6	No	2	0.48	NA		NA		NA	NA	5	1.3	NA		NA		NA	NA			
Acenaphthene	SVOC	83-32-9	No	5.0	2.4	23	o	40.40	o	No	No	170	43	6.7	J	16.0		Yes	Yes		20	
Acenaphthylene	SVOC	208-96-8	No	5.0	1.6	4,840	x	NA		NA	NA	170	42	5.9	J	44.0		Yes	No			
Anthracene	SVOC	120-12-7	No	5.0	2.1	0.3	b	0.18	b	Yes	Yes	170	49	57.2		85.3		No	No			
Benzenethiol	SVOC	108-98-5	No	10.0	10.0	NA		NA		NA	NA	170	170	NA		NA		NA	NA			
Benzo(a)anthracene	SVOC	56-55-3	No	5.0	1.1	35	b	NA		No	NA	170	43	108		261.0		No	No			
Benzo(a)pyrene	SVOC	50-32-8	No	5.0	1.3	0.014	e	NA		Yes	NA	170	41	150		430.0		No	No			
Benzo(b)fluoranthene	SVOC	205-99-2	No	5.0	2.9	9.1	x	NA		NA	NA	170	43	NA		NA		NA	NA			
Benzo(g,h,i)perylene	SVOC	191-24-2	No	5.0	1.2	7.6	x	NA		NA	NA	170	68	NA		NA		NA	NA			
Benzo(k)fluoranthene	SVOC	207-08-9	No	5.0	0.94	9.04	x	NA		NA	NA	170	40	NA		NA		NA	NA			
Benzoic acid	SVOC	65-85-0	No	50	5.0	9,000	b	NA		No	NA	830	830	NA		NA		NA	NA			
Benzyl alcohol	SVOC	100-51-6	No	5.0	1.3	9	e	NA		No	NA	170	56	NA		NA		NA	NA			
bis(2-Chloroethoxy)methane	SVOC	111-91-1	No	5.0	1.1	NA		NA		NA	NA	170	46	NA		NA		NA	NA			
bis(2-Chloroethyl)ether	SVOC	111-44-4	No	5.0	1.4	12,000	b	NA		No	NA	170	45	NA		NA		NA	NA			
bis(2-Ethylhexyl)phthalate	SVOC	117-81-7	No	5.0	1.6	300	a,r	NA		No	NA	170	100	182	D	182.0	D	No	No			
4-Bromophenyl-phenyl ether	SVOC	101-55-3	No	5.0	3.2	2	e,m	NA		Yes	NA	170	37	NA		NA		NA	NA			
Butyl benzyl phthalate	SVOC	85-68-7	No	5.0	1.3	93	b	147.00	b	No	No	170	71	NA		NA		NA	NA			
Carbazole	SVOC	86-74-8	No	5.0	2.0	NA		NA		NA	NA	170	47	NA		NA		NA	NA			
4-Chloroaniline	SVOC	106-47-8	No	5.0	1.7	NA		NA		NA	NA	170	48	NA		NA		NA	NA			
4-Chloro-3-methyl phenol	SVOC	59-50-7	No	5.0	0.91	0.3	g	NA		Yes	NA	170	46	NA		NA		NA	NA			
2-Chloronaphthalene	SVOC	91-58-7	No	5.0	1.5	54	b	NA		No	NA	170	51	NA		NA		NA	NA			
2-Chlorophenol	SVOC	95-57-8	No	5.0	2.1	130	b	265.00	b	No	No	170	33	NA		NA		NA	NA			
4-Chlorophenyl phenyl ether	SVOC	7005-72-3	No	5.0	1.9	NA		NA		NA	NA	170	34	NA		NA		NA	NA			
Chrysene	SVOC	218-01-9	No	5.0	1.6	7	b	NA		No	NA	170	64	166		384.0		No	No			
Cyclohexanediol	SVOC	6995-79-5 931-71-5	No	NA	NA	NA		NA		NA	NA	NA	NA	NA		NA		NA	NA			
Dibenz(a,h)acridine	SVOC	226-36-8	No	5.0	4.8	54	e	NA		No	NA	170	61	NA		NA		NA	NA			
Dibenz(a,h)anthracene	SVOC	53-70-3	No	5.0	1.6	5	b	NA		No	NA	170	61	33		63.4		Yes	No			
Dibenzofuran	SVOC	132-64-9	No	5.0	0.99	94	b	65.00	b	No	No	170	33	NA		NA		NA	NA			
1,2-Dichlorobenzene	SVOC	95-50-1	No	5.0	2.6	110	b	99.00	b	No	No	170	69	830		740.0		No	No			
1,3-Dichlorobenzene	SVOC	541-73-1	No	5.0	3.1	85	b	142.00	b	No	No	170	31	190		320.0		No	No			
1,4-Dichlorobenzene	SVOC	106-46-7	No	5.0	2.5	110	b	99.00	b	No	No	170	39	770		700.0		No	No			
3,3'-Dichlorobenzidine	SVOC	91-94-1	No	10	1.3	53	b	37.00	b	No	No	330	81	NA		NA		NA	NA			
2,4-Dichlorophenol	SVOC	120-83-2	No	5.0	1.0	85	b	NA		No	NA	170	30	NA		NA		NA	NA			
Diethylphthalate	SVOC	84-66-2	No	5.0	5.0	1,040	b	442.00	b	No	No	170	39	630	M	NA		No	NA		100	
7,12-Dimethyben(a)anthracene	SVOC	57-97-6	No	5.0	4.8	NA		NA		NA	NA	170	170	NA		NA		NA	NA			
2,4-Dimethylphenol	SVOC	105-67-9	No	5.0	1.2	105	b	NA		No	NA	170	54	NA		NA		NA	NA			
Dimethyl phthalate	SVOC	131-11-3	No	5.0	1.2	330	g	580.00	g	No	No	170	39	NA		NA		NA	NA	200		
Di-n-butyl phthalate	SVOC	84-74-2	No	5.0	1.7	7	b	5.00	b	No	No	170	44	NA		NA		NA	NA		200	
4,6-Dinitro-o-cresol	SVOC	534-52-1	No	10	3.7	12	b	NA		No	NA	330	81	NA		NA		NA	NA			
2,4-Dinitrophenol	SVOC	51-28-5	No	25	2.0	31	b	670.00	b	No	No	830	46	NA		NA		NA	NA		20	
2,4-Dinitrotoluene	SVOC	121-14-2	No	5.0	1.5	1,220	b	NA		No	NA	170	49	NA		NA		NA	NA			
2,6-Dinitrotoluene	SVOC	606-20-2	No	5.0	1.4	NA		NA		NA	NA	170	46	NA		NA		NA	NA			
Di-n-octylphthalate	SVOC	117-84-0	No	5.0	1.3	22	b	NA		No	NA	170	60	NA		NA		NA	NA			
Fluoranthene	SVOC	206-44-0	No	5.0	1.2	6	o	2.96	o	No	No	170	38	423		600.0		No	No			
Fluorene	SVOC	86-73-7	No	5.0	0.96	11	b	50	b	No	No	170	37	77.4		19.0		No	Yes	30		
Hexachlorobenzene	SVOC	118-74-1	Yes: F, M, Sed, Soil	5.0	3.3	0.0003	x	NA		NA	NA	170	47	20	B	NA		NA	NA			

Hexachlorobutadiene	SVOC	87-68-3	No	5.0	4.0	0.93	g	0.32	g	Yes	Yes	170	60	55	K	20.0		Yes	Yes			
Hexachlorocyclopentadiene	SVOC	77-47-4	No	5.0	4.0	0.07	b	0.07	g	Yes	Yes	170	58	NA		NA		NA	NA		10	
Hexachloroethane	SVOC	67-72-1	No	5.0	4.0	12	e,m	9.40	g	No	No	170	48	230		180.0		No	No			
Indene	SVOC	95-13-6	No	15	13	NA		NA		NA	NA	830	830	NA		NA		NA	NA			
Indeno(1,2,3-cd)pyrene	SVOC	193-39-5	No	5.0	1.2	4.3	x	NA		NA	NA	170	66	NA		NA		NA	NA			
Isophorone	SVOC	78-59-1	No	5.0	0.89	6,000	b	650	b	No	No	170	43	NA		NA		NA	NA			
Methyl Chrysene	SVOC	1705-85-7	No	5.0	4.8	NA		NA		NA	NA	170	170	NA		NA		NA	NA			
1-Methylnaphthlene	SVOC	90-12-0	No	5.0	1.5	2	e	NA		NA	NA	170	36	NA		NA		NA	NA			
2-Methylnaphthalene	SVOC	91-57-6	No	5.0	2.6	63	b	30.00	b	No	No	170	37	NA		70.0		NA	No			
2-Methylphenol	SVOC	95-48-7	No	5.0	1.1	560	b	510	b	No	No	170	75	NA		NA		NA	NA			
3-Methylphenol	SVOC	108-39-4	No	5.0	2.0	272	b	510	b													
4-Methylphenol	SVOC	106-44-5	No	5.0	2.0	272	b	NA		NA	NA	170	38	NA		NA		NA	NA			
Naphthalene	SVOC	91-20-3	No	5.0	1.5	250	b	125.00	b	No	No	170	28	176		160.0		No	No			
N-Diphenylamine	SVOC	122-39-4	No	NA	NA	NA		NA		NA	NA	NA	NA	NA		NA		NA	NA			
2-Nitroaniline	SVOC	88-74-4	No	5.0	1.4	NA		NA		NA	NA	170	70	NA		NA		NA	NA			
3-Nitroaniline	SVOC	99-09-2	No	5.0	1.6	NA		NA		NA	NA	170	43	NA		NA		NA	NA			
4-Nitroaniline	SVOC	100-01-6	No	5.0	1.7	NA		NA		NA	NA	170	170	NA		NA		NA	NA			
Nitrobenzene	SVOC	98-95-3	No	5.0	0.86	270	g	66.80	g	No	No	170	50	510		130.0		No	No	40		
4-Nitrophenol	SVOC	100-02-7	No	25	1.3	532	b	359.00	b	No	No	170	120	NA		NA		NA	NA	7		
N-Nitroso-di-n-propylamine	SVOC	621-64-7	No	5.0	1.1	20	b	120.00	b	No	No	170	76	NA		NA		NA	NA			
N-Nitrosodiphenylamine	SVOC	86-30-6	No	5.0	1.4	290	b	165000.00	b	No	No	170	69	NA		NA		NA	NA	20		
Pentachlorophenol	SVOC	87-86-5	Yes: Sed, Soil	25	1.6	2	c,p	9.60	c	No	No	830	89	NA		NA		NA	NA	31 [BLSS]	5 [BLSS]	
Phenanthrene	SVOC	85-01-8	No	5.0	2.0	30	c	4.60	c	No	No	170	36	204		240.0		No	No			
Phenol	SVOC	108-95-2	No	5.0	0.51	110	n	2750.00	b	No	No	170	53	NA		NA		NA	NA	30	70	
1-Phenylethanol	SVOC	NA	No	NA	NA	NA		NA		NA	NA	NA	NA	NA		NA		NA	NA			
Pyrene	SVOC	129-00-0	No	5.0	1.3	7	b	0.24	b	No	Yes	170	73	195		665		No	No			
Low MW PAHs	SVOC	NA	No	5.0	1.3	NA		NA		NA	NA	170	73	NA		552	b	No	No			
High MW PAHs	SVOC	NA	No	5.0	1.3	NA		NA		NA	NA	170	73	NA		1700	b	No	No			
Total PAHs	SVOC	NA	No	5.0	1.3	NA		NA		NA	NA	170	73	4000	b	4022	b	No	Yes			
Quinoline	SVOC	91-22-5	No	5.0	5.0	2	b	NA		Yes	NA	170	170	NA		NA		NA	NA			
1,2,4-Trichlorobenzene	SVOC	120-82-1	No	5.0	2.9	51	b	22.00	b	No	No	170	40	880		390.0		No	No	20		
2,4,5-Trichlorophenol	SVOC	95-95-4	No	5.0	1.8	64	c	12.00	c	No	No	170	67	NA		NA		NA	No	9	4	
2,4,6-Trichlorophenol	SVOC	88-06-2	No	5.0	1.2	14	b	61.00	b	No	No	170	46	NA		NA		NA	No	10		
Aldrin	Pest	309-00-2	Yes: Sed, Soil	0.050	0.014	0.3	c,k	0.13	c,k	No	No	1.7	0.40	2	B	NA		No	No			
alpha-Chlordane	Pest	5103-71-9	Yes: Sed, Soil	NA	NA	NA		NA		NA	NA	NA	NA	NA		NA		NA	No			
alpha-BHC	Pest	319-84-6	Yes: Sed, Soil	0.050	0.012	74	b	25.00	b	No	No	1.7	0.36	6	B	NA		No	No			
beta-BHC	Pest	319-85-7	Yes: Sed, Soil	0.050	0.0080	83	b	NA		No	NA	1.7	0.53	5	B	NA		No	NA			
Chlordane (technical)	Pest	12789-03-6	Yes: Sed, Soil	0.50	0.19	NA		NA		NA	NA	17	2.3	NA		NA		NA	NA			
4,4'-DDD	Pest	72-54-8	Yes: F, M, Sed, Soil	0.10	0.015	0.01	e	0.03	g	Yes	No	3.3	0.96	4.88	E	1.2	E	No	No			
4,4'-DDE	Pest	72-55-9	Yes: F, M, Sed, Soil	0.10	0.017	11	g	0.14	g	No	No	3.3	1.3	3.16	E	2.1	E	No	No			
4,4'-DDT	Pest	50-29-3	Yes: F, M, Sed, Soil	0.10	0.013	0.001	c	0.001	c	Yes	Yes	3.3	1.5	4.16	E	1.2	E	No	Yes			
delta-BHC	Pest	319-86-8	Yes: Sed, Soil	0.050	0.015	141	b	NA		No	NA	1.7	0.53	NA		NA		NA	NA			
Dieldrin	Pest	60-57-1	Yes: Sed, Soil	0.10	0.013	0.002	c	0.002	c	Yes	Yes	3.3	0.89	1.9		0.7	D	No	Yes			
Endosulfan I	Pest	959-98-8	No	0.10	0.0080	0.056	c	0.01	c	No	No	3.3	0.46	NA		NA		NA	NA			
Endosulfan II	Pest	33213-65-9	No	0.10	0.013	0.056	c	0.01	c	No	Yes	3.3	0.83	NA		NA		NA	NA			
Endosulfan sulfate	Pest	1031-07-8	No	0.10	0.014	0.056	c	0.01	c	No	Yes	3.3	0.96	NA		NA		NA	NA			
Endrin	Pest	72-20-8	Yes: Sed, Soil	0.10	0.019	0.002	c	0.002	c	Yes	Yes	3.3	1.1	2.22		NA		No	NA			
Endrin aldehyde	Pest	7421-93-4	Yes: Sed, Soil	0.10	0.017	1,210	b	NA		No	No	3.3	1.4	NA		NA		NA	NA			
gamma-BHC (Lindane)	Pest	58-89-9	Yes: Sed, Soil	0.050	0.0070	0.08	c	0.02	c,k	No	No	1.7	0.73	2.37		0.3	D	No	Yes			
gamma-Chlordane	Pest	5103-74-2	Yes: Sed, Soil	NA	NA	NA		NA		NA	NA	NA	NA	NA		NA		NA	NA			
Heptachlor	Pest	76-44-8	Yes: Sed, Soil	0.050	0.010	0.004	c	0.004	c	Yes	Yes	1.7	0.46	NA		NA		NA	NA			
Heptachlor epoxide	Pest	1024-57-3	Yes: Sed, Soil	0.050	0.0060	0.0038	a	0.004	a	Yes	Yes	1.7	0.33	2.47		NA		No	NA			
Methoxychlor	Pest	72-43-5	No	0.50	0.078	0.03	c	0.03	c	Yes	Yes	17	7.2	NA		NA		NA	NA			
Toxaphene	Pest	8001-35-2	Yes: Sed, Soil	0.50	0.20	0.0002	c	0.0002	c	Yes	Yes	17	12	0.1	K	NA		Yes	NA			
Aroclor-1016	PCB	12674-11-2	Yes: F, M, Sed, Soil	0.50	0.50	NA		NA		NA	NA	17	11	7	B	NA		Yes	NA			
Aroclor-1221	PCB	11104-28-2	Yes: F, M, Sed, Soil	0.50	0.50	NA		NA		NA	NA	17	17	NA		NA		NA	NA			
Aroclor-1232	PCB	11141-16-5	Yes: F, M, Sed, Soil	0.50	0.34	NA		NA		NA	NA	17	9.6	NA		NA		NA	NA			
Aroclor-1242	PCB	53469-21-9	Yes: F, M, Sed, Soil	0.50	0.16	NA		NA		NA	NA	17	14	NA		NA		NA	NA			
Aroclor-1248	PCB	12672-29-6	Yes: F, M, Sed, Soil	0.50	0.37	NA		NA		NA	NA	17	13	30	B	NA		No	NA			
Aroclor-1254	PCB	27323-18-8	Yes: F, M, Sed, Soil	0.50	0.17	NA		NA		NA	NA	17	14	60	B	NA		No	NA			

Aroclor-1260	PCB	11096-82-5	Yes: F, M, Sed, Soil	0.50	0.23	NA		NA		NA	NA	17	6.9	5	B	NA		Yes	NA				101.20	101200.00	
Total PCBs	PCB	1336-36-3	Yes: F, M, Sed, Soil	1.00	0.5	0	b	0.03	b	Yes	Yes	33	17	59.8	b	22.7	b	No	No		40		0.13	130.00	
2,4-D	Herb	94-75-7	No	1.5	0.80	NA		NA		NA	NA	33	13	NA		NA		NA	NA					#VALUE!	
2,4-DB	Herb	94-82-6	No	2.0	1.9	NA		NA		NA	NA	66	54	NA		NA		NA	NA					0.00	
Dalapon	Herb	75-99-0	No	1.0	1.0	NA		NA		NA	NA	33	23	NA		NA		NA	NA				2.16	2160.00	
Dicamba	Herb	1918-00-9	No	0.20	0.080	NA		NA		NA	NA	6.6	5.0	NA		NA		NA	NA					0.00	
Dichloroprop	Herb	120-36-5	No	1.0	0.51	NA		NA		NA	NA	33	8.9	NA		NA		NA	NA				0.036	36.00	
Dinoseb	Herb	88-85-7	No	0.20	0.090	NA		NA		NA	NA	6.6	4.3	NA		NA		NA	NA				0.041	41.00	
MCPA	Herb	94-74-6	No	50	NA	NA		NA		NA	NA	170	NA	NA		NA		NA	NA				0.048	48.00	282
MCPP	Herb	93-65-2	No	50	NA	NA		NA		NA	NA	170	NA	NA		NA		NA	NA				0.064	64.00	0.109
Pentachlorophenol	Herb	87-86-5	Yes: Sed, Soil	0.050	0.040	2	c,p	9.60	c	NA	NA	1.7	0.99	NA		NA		NA	NA	31 [96,515]	5 [515]			0.00	
2,4,5-T	Herb	93-76-5	No	0.20	0.12	NA		NA		NA	NA	6.6	3.3	NA		NA		NA	NA				0.89	890.00	
2,4,5-TP (Silvex)	Herb	93-72-1	No	0.20	0.15	NA		NA		NA	NA	13	12	NA		NA		NA	NA					0.00	
Aluminum	Metals	7429-90-5	No	200	55.3	87	a	NA		No	NA	200	25.6	NA		NA		NA	NA					0.00	
Antimony	Metals	7440-36-0	No	5.0	1.8	160	g	NA		No	NA	10	5.1	2000	A	NA		No	NA	78 [55,56]	5			30,000	
Arsenic (d)	Metals	7440-38-2	No	5.0	2.7	190	c,w	78.00	c,w	No	No	10	1.7	9790		8200.0		No	No	60	18 [513]			1	
Barium	Metals	7440-39-3	No	200	3.0	16,000	b	25000.00	b	No	No	200	2.6	NA		NA		NA	NA	330 [96,58]	500			5.9	
Beryllium	Metals	7440-41-7	No	5.0	0.06	5	b	NA		No	NA	5	0.2	NA		NA		NA	NA	40 [96,59]	10			300	
Cadmium	Metals	7440-43-9	Yes: Sed, Soil	5.0	0.24	1	c,f	10.00	c,w	No	No	5	0.3	990		1200.0		No	No	140 [96,510]	32 [510]			1.5	
Calcium	Metals	7440-70-2	No	5000	134.89	NA		NA		No	NA	5000	73.3	NA		NA		No	NA						
Chromium	Metals	7440-47-3	Tri: No -- Hex: Yes-soil	10	1.82	NA		NA		No	NA	10	0.9	43400		81000.0		No	No	0.4	1			30	
Chromium (Hex) (d)	Metals	18540-29-9	Yes: Soil	10	4	11	c,w	49.60	c,w	No	NA	2	2	NA		NA		No	NA						
Chromium (Tri) (d)	Metals	16065-83-1	No	3000	NA	101	c,f	103.00	g			3000	NA												
Cobalt	Metals	7440-48-4	No	50	0.99	1,500	b	NA		No	NA	50	0.8	50000	B	NA		No	NA		13 [511]			7	
Copper (d)	Metals	7440-50-8	Yes: Sed, Soil	25	1.42	7	c,h,w	3.60	c,h,w	No	No	25	5.4	31600		34000.0		No	No	61 [96,57]	100			15	
Iron	Metals	7439-89-6	No	100	18.97	1,000	a	NA		No	NA	100	40.5	20000000	B	NA		No	NA					15,000	
Lead (d)	Metals	7439-92-1	Yes; Soil	3	0.7	1	c,f	5.30	c,w	No	No	10	1.2	35800		46700.0		No	No	1700 [514]	120 [96,514]			15	
Magnesium	Metals	7439-95-4	No	5000	16.8	3,230	b	NA		No	NA	5000	61.5	NA		NA		NA	NA						
Manganese	Metals	7439-96-5	No	15	7.68	120	e	NA		No	NA	15	9.6	460000	B	NA		No	NA		500			300	
Mercury	Metals	7439-97-6	Yes: F, M, Sed, Soil	0.2	NA	1	c	1.10	c	No	Yes			180		150.0		No	No	0.1	0.3			0.04	
Nickel (d)	Metals	7440-02-0	Yes: Sed, Soil	40	1.0	87	c,f	13.10	c,w	No	No	40	1.4	22700		20900.0		No	No	200	30			10	
Potassium	Metals	7440-09-7	No	5000	125.2	NA		NA		NA	NA	5000	169.5	NA		NA		NA	NA						
Selenium	Metals	7782-49-2	Yes: F, M, Sed, Soil	5	3.2	5	c	136.00	c	No	No	10	2.7	NA		NA		NA	NA	70	1			0.3	
Silver (d)	Metals	7440-22-4	No	10	0.5	0.1	a,f,k	0.19	a,k	Yes	Yes	10	1.0	1000	A	1000.0		No	No		2				
Sodium	Metals	7440-23-5	No	5000	292	NA		NA		NA	NA	5000	51.8	NA		NA		NA	NA						
Thallium	Metals	7440-28-0	Yes: F, M	10	1.5	4	g	21.30	g	No	No	20	5.3	NA		NA		NA	NA		1			0.7	
Vanadium	Metals	7440-62-2	No	50	0.4	20	e	NA		No	NA	50	1.1	NA		NA		NA	NA		2			50	
Zinc (d)	Metals	7440-66-6	Yes: Sed, Soil	20	7.5	58	c,f	84.20	c,w	No	No	20	6.2	121000		150000.0		No	No	120 [96,57]	190 [57]			30	
Cyanide (free)	Metals	57-12-5	No	NA	NA	11	c,i	5.6	c,i	NA	NA	NA	NA	NA		NA		NA	NA						

Note: All Benchmark and Bioaccumulative values were obtained from TCEQ 2006 RG-263, unless otherwise noted.

RL = Reporting Limit.
MDL= Minimum Detection Limit
TCEQ = Texas Commission on Environmental Quality

	0.00			0.00	1.09		
	0.00			0.00	0.88		
	0.00			0.00	1.21		
	0.00	0.105		105.00	0.17		0.29
	0.00			0.00			
2.57	2570.00	4.1		4100.00	0.94		4.30
6.3	6300.00			0.00			
	0.00			0.00			
	0.00			0.00	0.12		
22	22000.00			0.00	0.02		3.67
1.87	1870.00			0.00	0.16		
	0.00			0.00			
	0.00			0.00			
	0.00			0.00	2.32		
	0.00	5.65		5650.00	4.79		4.30
	0.00			0.00	1.87		15.41
	0.00			0.00			
0.11	110.00			0.00	23.95		
0.11	110.00	2.4		2400.00	2.20		2.82
1.96	1960.00			0.00			
1.09	1090.00			0.00			
6.13	6130.00			0.00			
0.00093	0.93			0.00			
	0.00			0.00			
	0.00			0.00	0.19		0.32
	0.00	0.099		99.00	0.83		0.74
	0.00	0.099		99.00	0.77		0.70
26.4	26400.00			0.00	3.68		
	0.00	0.249		249.00	2.86		0.65
11	11000.00			0.00	4.70		
	0.00	0.00032		0.32	0.055		0.02
	0.00			0.00			
0.064	64.00			0.00			
1.25	1250.00			0.00	0.08		0.42
	0.00			0.00			
0.465	465.00	61.5		61500.00	19.43		45.34
	0.00			0.00			
0.051	51.00	5.42		5420.00	7.75		3.82
2.45	2450.00			0.00			
0.9	900.00			0.00			
0.55	550.00			0.00	0.72		
0.871	871.00	0.455		455.00	10.24		3.72
	0.00			0.00			
	0.00	0.451		451.00	0.63		0.61
0.071	71.00			0.00			
0.79	790.00	0.022		22.00	0.88		0.39
1.45	1450.00	1.56		1560.00	4.13		2.63
2.82	2820.00	0.275		275.00	0.98		0.30
	0.00	0.97		970.00	0.84		1.47
0.0018	1.80			0.00	1.69		
	0.00			0.00			
0.023	23.00			0.00	0.76		2.16
	0.00			0.00	0.77		
0.0003	0.30	1.45		1450.00	1.69		3.10
0.0346	34.60	0.48		480.00	2.88		0.94
0.000014	0.01			0.00	1.96		
	0.00			0.00	4.00		2.54
	0.00			0.00			
	0.00			0.00			
9	9000.00	0.0404		40.40	0.0067		0.016
0.0086	8.60			0.00	0.0059		0.044
	0.00	0.00018		0.18	0.0572		0.0853
12	12000.00			0.00	0.108		0.261
0.3	300.00			0.00	0.15		0.43
0.0015	1.50			0.00			
0.093	93.00			0.00			
	0.00			0.00			
	0.00			0.00			
	0.00			0.00			
0.054	54.00			0.00			
0.13	130.00			0.00			
	0.00			0.00	0.182		0.182
0.0007	0.70			0.00			
	0.00	0.147		147.00			
0.005	5.00			0.00			
0.094	94.00			0.00			
	0.00			0.00			
	0.00			0.00			
	0.00	0.265		265.00			
0.053	53.00			0.00			
0.085	85.00			0.00	0.166		0.384
1.04	1040.00			0.00			
0.105	105.00			0.00	0.033		0.0634
0.33	330.00	0.065		65.00			
	0.00			0.00			
0.012	12.00			0.00			
0.031	31.00			0.00			
1.22	1220.00	0.037		37.00			
	0.00			0.00			
	0.00	0.442		442.00			
0.00616	6.16			0.00			
0.011	11.00	0.58		580.00			
	0.00			0.00			
	0.00			0.00			
0.00007	0.07	0.67		670.00			
	0.00			0.00			
	0.00			0.00			
6	6000.00			0.00			
0.063	63.00	0.00296		2.96	0.423		0.6
0.56	560.00	0.05		50.00	0.0774		0.019
	0.00			0.00	0.02		
0.25	250.00			0.00			
	0.00	0.00007		0.07			
	0.00			0.00			
	0.00			0.00			
	0.00	0.65		650.00			
	0.00	0.03		30.00			0.070
0.532	532.00	0.51		510.00			
0.02	20.00			0.00			
	0.00	0.125		125.00	0.176		0.160
0.0021	2.10			0.00			
0.03	30.00			0.00			
0.11	110.00			0.00			
	0.00			0.00			
0.007	7.00			0.00			
	0.00	0.359		359.00			
0.064	64.00	0.12		120.00			
0.0135	13.50			0.00			
0.0003	0.30	0.0096		9.60			
	0.00	0.0046		4.60	0.204		0.24
0.074	74.00	2.75		2750.00			
0.083	83.00			0.00			
	0.00	0.00024		0.24	0.195		0.665
0.000011	0.01			0.00			
0.0105	10.50	0.012		12.00			
0.000001	0.00	0.061		61.00			
	0.00	0.00013		0.13	0.002		
0.000002	0.00			0.00			
0.000056	0.06	0.025		25.00	0.006		
0.000056	0.06			0.00	0.005		
0.000056	0.06			0.00			
0.000002	0.00	0.000025		0.03	0.00488		0.00122
1.21	1210.00	0.00014		0.14	0.00316		0.00207
0.00008	0.08	0.000001		0.00	0.00416		0.00119
	0.00			0.00			
0.000004	0.00	0.000002		0.00	0.0019		0.000715
0.0000038	0.00	0.000009		0.01			
0.00003	0.03	0.000009		0.01			
0.00000002	0.00	0.000009		0.01			
	0.00	0.000002		0.00	0.00222		
	0.00			0.00			
	0.00	0.000016		0.02	0.00237		0.00032
	0.00			0.00			
	0.00	0.0000004		0.00			
	0.00	0.0000036		0.00	0.00247		
	0.00	0.00003		0.03			
	0.00	0.00000002		0.00	0.0001		
	0.00			0.00	0.007		
	0.00			0.00			
	0.00			0.00			
	0.00			0.00			
	0.00			0.00	0.03		
	0.00			0.00	0.06		
	0.00			0.00	0.005		
	0.00			0.00			
	0.00			0.00			
	0.00			0.00			
	0.00			0.00			
0.16	160.00			0.00			
0.19	190.00			0.00			
16	16000.00			0.00			
0.0053	5.30			0.00			
0.0006	0.60			0.00			
	0.00			0.00			
	0.00			0.00			
1.5	1500.00			0.00			
0.007	7.00			0.00	12:00 AM		

| 1 | | |

a U.S. EPA, 2002.

b TCEQ 2003a. In-house water quality chronic values derived for wastewater permits and requests from the Office of Waste based on LC50 values in accordance with methodology defined in the TSWQS. Water Quality Division.

c Texas Surface Water Quality Standards Chronic (unless otherwise noted) Criteria (30 TAC §307.6, Table 1, Effective August 17, 2000).

d Indicates that the criteria for a specific parameter are for the dissolved portion in water.

e Tier II Secondary Chronic Values from Suter and Tsao (1996).

f Criteria calculated using a hardness value of 50 mg/L. See formula for standard that follows.

g U.S. EPA Region 4. 2001. Value derived from Region 4 Water Quality Management Division screening worksheet.

h In designated oyster waters an acute saltwater copper criterion of 3.6 micrograms per liter applies outside of the mixing zone of permitted discharges, and specified mixing zones for copper will not encompass oyster reefs containing live oysters.

i Compliance will be determined using the analytical method for cyanide amenable to chlorination or by weak acid dissociable cyanide.

j Based on the procedure defined in TCEQ (2003), the percent dissolved silver that is in the free ionic form is estimated from the following regression equation: Y = exp [exp (1/ (0.6559 + 0.0044(Cl)))] where, Y = % of dissolved silver that is in free ionic form, and Cl = dissolved chloride concentration (mg/l). Persons should use the 50th percentile chloride value (from TCEQ, 2003) for the nearest downstream segment unless site-specific data is available.

k There is only an acute criterion (no chronic criterion). The indicated value is the acute criterion divided by 10.

l State of Colorado hardness-based water quality standard (Colorado Department of Public Health and Environment, 2005).

m Values calculated for OSWER 1996 as provided in Suter and Tsao (1996).

n Value calculated using Great Lakes Water Quality Initiative Tier I methodology (U.S. EPA,1993a) as provided in Suter and Tsao (1996).

o These numbers are FCVs calculated by the EPA for use in the derivation of the sediment quality criteria (U.S. EPA, 1993b, c).

p Criteria calculated using a pH of 6.0. See formula for standard that follows.

q Value derived by work group using the LC50 approach discussed in Section 3.5.1.1. Contact the TCEQ Technical Support Section (Remediation Division) for a full discussion of each value.

r According to U.S. EPA, 2002, bis(2-ethylhexyl)phthalate is not toxic to aquatic organisms at or below its solubility limit. Benchmark set at solubility limit given at TRRP Figure 30 TAC §350.73 (e).

w Indicates that the criterion is multiplied by a water-effects ratio in order to incorporate the effects of local water chemistry on toxicity. The water-effects ratio is equal to 1 except where sufficient data is available to establish a site-specific, water-effects ratio. Water-effects ratios for individual water bodies are listed in Appendix E of the TSWQS.

x USEPA, 2003, Region 5 Ecological Screening Levels (ESLs) for RCRA Appendix IX Hazardous Constituents (available at http://www.epa.gov/reg5rcra/ca/ESL.pdf)

A Effects Range Low (ERL) from: Long, E.R. and L.G. Morgan. 1990. The Potential for Biological Effects of Sediment-sorbed Contaminants Tested in the National Status and Trends Program. NOAA Technical Memorandum NOS OMA 52, March 1990.

B Lowest Effects Level (LEL) from: Persaud, D., R. Jaagumagi and A. Hayton. 1993. Guidelines for the Protection and Management of Aquatic Sediment Quality in Ontario. Water Resources Branch. Ontario Ministry of the Environment and Energy. August.

C No "c" footnotes.

D

Threshold Effects Level (TEL) from: Smith, S.L., D.D. MacDonald, K.A. Keenleyside, and C.L. Gaudet. 1996b. The Development and Implementation of Canadian Sediment Quality Guidelines.In: Development and Progress in Sediment Quality Assessment: Rationale, Challenges, Techniques & Strategies. Ecovision World Monograph Series. Munawar & Dave (Eds.). Academic Publishing, Amsterdam, The Netherlands.

E

When benchmarks represent the sum of individual compounds, isomers, or groups of congeners, and the chemical analysis indicates an undetected value, the proxy value specified at §350.51 (n) shall be used for calculating the sum of the respective compounds, isomers, or congeners. This assumes that the particular COC has not been eliminated in accordance with the criteria at §350.71 (k).

F The low molecular weight PAH benchmark is to be compared to the sum of the concentrations of the following compounds: naphthalene, acenaphthylene, acenaphthene, fluorene, phenanthrene, anthracene, and 2-methyl napthalene. The PAH benchmark is not the sum of the corresponding benchmarks listed for the individual compounds.

G

The high molecular weight PAH benchmark is to be compared to the sum of the concentrations of the following compounds: fluoranthene, pyrene, benz(a)anthracene, chrysene, benzo(a)pyrene, and dibenzo [a,h]anthracene. The PAH benchmark is not the sum of the corresponding benchmarks listed for the individual compounds.

H

Total PAH refers to the sum of the concentrations of each of low and high molecular weight PAHs listed above and any other PAH compounds that are not eliminated in accordance with §350.71 (k).

I

The benchmarks for total PAHs are the most relevant in evaluating risk in an ERA as PAHs almost always occur as mixtures. Values for individual, low molecular weight, and high molecular weight PAHs are provided as guidelines to aid in the determination of disproportionate concentrations within the mixture that may be masked by the total. See discussion in Section 3.5.4.

J CCME (Canadian Council of Ministers of the Environment). 1999. Canadian environmental quality guidelines. Winnipeg, Manitoba.

K NYSDEC (New York State Department of Environmental Conservation). 1999. Technical guidance for screening contaminated sediments. Division of Fish , Wildlife, and Marine Resources. Albany, New York. 36 pp.

L

Stortelder, P.B., M.A. Vandergaag, and L.A. van der Kooij. 1989. Perspectives for water organisms. An ecotoxicological basis for quality objectives for water and sediment. Part1. Results and calculations. DBW/RIZA Memorandum N. 89.016a. (English Version August, 1991). Institute for Inland Water Management and Waste Water Treatment. Lelystad, Netherlands.

M U.S. EPA. 1997. The incidence and severity of sediment contamination in surface waters of the United States. Volume 1: National sediment quality survey. EPA 823-R-97-006. Office of Science and Technology (4305). Washington, District of Columbia.

N Benchmarks derived using formula in: Fuchsman, P.C. 2003. Modification of the Equilibrium Partitioning Approach for Volatile Organic Compounds in Sediment. Environ Toxicol Chem. 22:1532-1534. TCEQ Surface water values from Table 3-2 were used for water quality values. TRRP-24 default values of 1% fraction organic carbon (foc) and 0.37 porosity were used. The person should adjust these values if sufficient site-specific data indicate they are not representative.

S1 Efroymson, R.A., M.E. Will, and G.W. Suter. 1997. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Lockheed Martin Energy Systems, Inc. ES/ER/TM-126/R2.

S2 Efroymson, R.A., M.E. Will, G.W. Suter, and A.C. Wooten. 1997. Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Terrestrial Plants: 1997 Revision. Lockheed Martin Energy Systems, Inc. ES/ER/TM-85/R3.

S3 Texas-Specific Median Background Concentration (Figure 30 TAC §350.51(m)).

S4 Potential ecological risks associated with aluminum in soils is identified based on the measured soil pH. Where aluminum is a COC, it should only be retained for those soils with a soil pH less than 5.5. Source: U.S. Environmental Protection Agency. Ecological Soil Screening Level for Aluminum. Interim Final. OSWER Directive 9285.7-60. November 2003.

S5 U.S. EPA. Ecological Soil Screening Level for Antimony. Interim Final. OSWER Directive 9285.7-61. February 2005.

S6 Screening values for soil invertebrates.

S7 U.S. EPA. 2000. Ecological Soil Screening Level Guidance. Draft. Office of Emergency and Remedial Response. July 10, 2000.

S8 U.S. EPA. Ecological Soil Screening Levels for Barium. Interim Final. OSWER Directive 9285.7-63. February 2005.

S9 U.S. EPA. Ecological Soil Screening Levels for Beryllium. Interim Final. OSWER Directive 9285.7-64. February 2005.

S10 U.S. EPA. Ecological Soil Screening Levels for Cadmium. Interim Final. OSWER Directive 9285.7-65. March 2005.

S11 U.S. EPA. Ecological Soil Screening Levels for Cobalt. Interim Final. OSWER Directive 9285.7-67. March 2005.

S12 Iron is not expected to be toxic to plants in well-aerated soils between pH 5 and 8. Iron's relative importance is not so much based on its direct chemical toxicity, but its effect as a mediator in the geochemistry of other potentially toxic metals and the potential hazard of depositing flocculent. Source: U.S. Environmental Protection Agency. Ecological Soil Screening Level for Iron. Interim Final. OSWER Directive 9285.7-69. November 2003.

S13 U.S. EPA. Ecological Soil Screening Levels for Arsenic. Interim Final. OSWER Directive 9285.7-62. March 2005.

S14 U.S. EPA. Ecological Soil Screening Levels for Lead. Interim Final. OSWER Directive 9285.7- 70. March 2005.
S15 U.S. EPA. Ecological Soil Screening Levels for Pentachlorophenol. Interim Final. OSWER Directive 9285.7-58. March 2005.

Table X-2

Comparison of CLP CRQLs to Ecological Screening Standards

Analyte	Data Group	CAS	CLP CRQL[1] Water ug/L	CLP CRQL[1] Trace Water By SIM ug/L	Water Eco. Benchmar ug/L	CRQL>Benchmark	CLP CRQL[2] Soil ug/kg	CLP CRQL[2] Low Soil SIM ug/kg	Soil/Sediment Eco. Benchmark ug/kg	L>Benchi
Dichlorodifluoromethane	VOC	75-71-8	5		1960 a	No	5		39500 Soil o	No
Chloromethane	VOC	74-87-3	5		55000 a	No	5		10400 Soil o	No
Vinyl chloride	VOC	75-01-4	5		5630 a	No	5		200 Sed. m	No
Bromomethane	VOC	74-83-9	5		220 a	No	5		1.37 Sed. m	Yes ✓
Chloroethane	VOC	75-00-3	5		NA	NA	5		NA	NA
Trichlorofluoromethane	VOC	75-69-4	5		1740 a	No	5		16400 Soil o	No
1,1-Dichloroethene	VOC	75-35-4	5		3000 a	No	5		10 Sed. m	No
1,1,2-Trichloro-1,2,2-trifluoroethane	VOC	76-13-1	5		413 a	No	5		NA	NA
Acetone	VOC	67-64-1	10		202400 a	No	10		9.9 Sed. m	Yes ✓
Carbon Disulfide	VOC	75-15-0	5		210 a	No	5		20 Sed. m	No
Methylacetate	VOC	79-20-9	5		NA	NA	5		NA	NA
Methylene chloride	VOC	75-09-2	5		22000 a	No	5		150 Sed. m	No
trans-1,2-Dichloroethene	VOC	156-60-5	5		22000 a	No	5		650 Sed. m	No
Methyl tert-butylether	VOC	1634-04-4	5		11070 a	No	5		NA	NA
1,1-Dichloroethane	VOC	75-34-3	5		5130 a	No	5		0.575 Sed. m	Yes ✓
cis-1,2-Dichloroethene	VOC	156-59-2	5		14000 a, 1	No	5		NA	NA
2-Butanone	VOC	78-93-3	10		84800 a	No	10		40 Sed. m	No
Bromochloromethane	VOC	74-97-5	5		NA	NA	5		NA	NA
Chloroform	VOC	67-66-3	5		890 a	No	5		120 Sed. m	No
1,1,1-Trichloroethane	VOC	71-55-6	5		4900 a	No	5		170 Sed. l	No
Cyclohexane	VOC	110-82-7	5		NA	NA	5		NA	NA
Carbon tetrachloride	VOC	56-23-5	5		9.8 a	No	5		1200 Sed. l	No
Benzene	VOC	71-43-2	5		130 a	No	5		50 Sed. l	No
1,2-Dichloroethane	VOC	107-06-2	5		6300 a	No	5		260 Sed. m	No
1,4-Dioxane	VOC	123-91-1	100	2	22000 b	No	100		110 Sed. m	No
Trichloroethene	VOC	79-01-6	5		1110 a	No	5		1600 Sed. l	No
Methylcyclohexane	VOC	108-87-2	5		NA	NA	5		NA	NA
1,2-Dichloropropane	VOC	78-87-5	5		3730 a	No	5		330 Sed. m	No
Bromodichloromethane	VOC	75-27-4	5		4320 a	No	5		540 Soil o	No
cis-1,3-Dichloropropene	VOC	10061-01-5	5		410 a, 2	No	5		398 Soil o	No
4-Methyl-2-pentanone	VOC	108-10-1	10		52700 a	No	10		20 Sed. m	No
Toluene	VOC	108-88-3	5		2900 a	No	5		670 Sed. l	No
trans-1,3-Dichloropropene	VOC	10061-02-6	5		410 a, 2	No	5		398 Soil o	No
1,1,2-Trichloroethane	VOC	79-00-5	5		1800 a	No	5		510 Sed. m	No
Tetrachloroethene	VOC	127-18-4	5		790 a	No	5		530 Sed. l	No
2-Hexanone	VOC	591-78-6	10		12360 a	No	10		50 Sed. m	No
Dibromochloromethane	VOC	124-48-1	5		257 a	No	5		1110 Sed. m	No
1,2-Dibromoethane	VOC	106-93-4	5	0.05	NA	NA	5		1230 Soil o	No
Chlorobenzene	VOC	108-90-7	5		64 a	No	5		820 Sed. l	No
Ethylbenzene	VOC	100-41-4	5		2180 a	No	5		3600 Sed. l	No
o-Xylene	VOC	95-47-6	5		1340 a, 3	No	5		430 Sed. m, 3	No
m,p-Xylene	VOC	179601-23-1	5		1340 a, 3	No	5		430 Sed. m, 3	No
Styrene	VOC	100-42-5	5		2500 a	No	5		250 Sed. m	No
Bromoform	VOC	75-25-2	5		149 a	No	5		650 Sed. l	No
Isopropylbenzene	VOC	98-82-8	5		255 a	No	5		NA	NA
1,1,2,2-Tetrachloroethane	VOC	79-34-5	5		465 a	No	5		127 Soil o	No
1,3-Dichlorobenzene	VOC	541-73-1	5		85 a	No	5		1700 Sed. l	No
1,4-Dichlorobenzene	VOC	106-46-7	5		110 a	No	5		350 Sed. l	No
1,2-Dichlorobenzene	VOC	95-50-1	5		110 a	No	5		340 Sed. l	No
1,2-Dibromo-3-chloropropane	VOC	96-12-8	5	0.05	NA	NA	5		35.2 Soil o	No
1,2,4-Trichlorobenzene	VOC	120-82-1	5		51 a	No	5		9200 Sed. l	No
1,2,3-Trichlorobenzene	VOC	87-61-6	5		51 a, 4	No	5		20000 Soil g	No
Benzaldehyde	SVOC	100-52-7	5		NA	NA	170		NA	NA
Phenol	SVOC	108-95-2	5		110 a	No	170		40 Sed. m	Yes ✓
Bis-(2-chloroethyl)ether	SVOC	111-44-4	5		12000 a	No	170		3520 Sed. m	No
2-Chlorophenol	SVOC	95-57-8	5		130 a	No	170		30 Sed. m	Yes ✓
2-Methylphenol	SVOC	95-48-7	5		1120 a	No	170		50 Sed. m	Yes ✓
2,2'-Oxybis(1-chloropropane)	SVOC	108-60-1	5		NA	NA	170		19900 Soil o	No
Acetophenone	SVOC	98-86-2	5		NA	NA	170		300000 Soil o	No
4-Methylphenol	SVOC	106-44-5	5		543 a	No	170		20 Sed. m	Yes ✓
N-Nitroso-di-npropylamine	SVOC	621-64-7	5		20 a	No	170		544 Soil o	No
Hexachloroethane	SVOC	67-72-1	5		12 a	No	170		596 Soil o	No
Nitrobenzene	SVOC	98-95-3	5		270 a	No	170		140 Sed. m	Yes ✓
Isophorone	SVOC	78-59-1	5		12000 a	No	170		430 Sed. m	No
2-Nitrophenol	SVOC	88-75-5	5		1920 a	No	170		1600 Soil o	No
2,4-Dimethylphenol	SVOC	105-67-9	5		210 a	No	170		10 Soil o	Yes ✓
Bis(2-chloroethoxy)methane	SVOC	111-91-1	5		NA	NA	170		302 Soil o	No
2,4-Dichlorophenol	SVOC	120-83-2	5		85 a	No	170		80 Sed. m	Yes ✓
Naphthalene	SVOC	91-20-3	5	0.1	490 a	No	170	3.3	99.4 Soil o	Yes ✓ ✓
4-Chloroaniline	SVOC	106-47-8	5		232 b	No	170		140 Sed. m	Yes ✓
Hexachlorobutadiene	SVOC	87-68-3	5		0.93 a	Yes ✓	170		20 Sed. m	Yes ✓
Caprolactam	SVOC	105-60-2	5		NA	NA	170		NA	NA

4-Chloro-3-methylphenol	SVOC	59-50-7	5		0.3	a	Yes	✓	170		380	Sed.	m	No	
2-Methylnaphthalene	SVOC	91-57-6	5	0.1	130	a	No		170	3.3	70	Sed.	i	Yes	✓ ▼
Hexachlorocyclo-pentadiene	SVOC	77-47-4	5		0.07	a	Yes	✓	170		900	Sed.	m	No	
2,4,6-Trichlorophenol	SVOC	88-06-2	5		13.5	a	No		170		200	Sed.	m	No	
2,4,5-Trichlorophenol	SVOC	95-95-4	5		64	a	No		170		4000	Soil	h	No	
1,1'-Biphenyl	SVOC	92-52-4	5		14	a	No		170		1100	Sed.	l	No	
2-Chloronaphthalene	SVOC	91-58-7	5		54	a	No		170		12.2	Soil	o	Yes	✓
2-Nitroaniline	SVOC	88-74-4	10		NA		NA		330		74100	Soil	o	No	
Dimethylphthalate	SVOC	131-11-3	5		330	a	No		170		310	Sed.	m	No	
2,6-Dinitrotoluene	SVOC	606-20-2	5		81	b	No		170		30	Sed.	m	Yes	✓
Acenaphthylene	SVOC	208-96-8	5	0.1	4840	b	No		170	3.3	40	Sed.	i	Yes	✓ ▼
3-Nitroaniline	SVOC	99-09-2	10		NA		NA		330		3160	Soil	o	No	
Acenaphthene	SVOC	83-32-9	5	0.1	23	a	No		170	3.3	10	Sed.	i	Yes	✓ ▼
2,4-Dinitrophenol	SVOC	51-28-5	10		62	a	No		330		6.21	Sed.	m	Yes	✓
4-Nitrophenol	SVOC	100-02-7	10		1060	a	No		330		10	Sed.	m	Yes	✓
Dibenzofuran	SVOC	132-64-9	5		94	a	No		170		2000	Sed.	l	No	
2,4-Dinitrotoluene	SVOC	121-14-2	5		2430	a	No		170		10	Sed.	m	Yes	✓
Diethylphthalate	SVOC	84-66-2	5		2090	a	No		170		630	Sed.	l	No	
Fluorene	SVOC	86-73-7	5	0.1	11	a	No		170	3.3	77.4	Sed.	n	Yes	✓ ▼
4-Chlorophenyl-phenylether	SVOC	7005-72-3	5		NA		NA		170		NA			NA	
4-Nitroaniline	SVOC	100-01-6	10		NA		NA		330		21900	Soil	o	No	
4,6-Dinitro-2-methylphenol	SVOC	534-52-1	10		23	a	No		330		100	Sed.	m	Yes	✓
N-Nitrosodiphenylamine	SVOC	86-30-6	5		580	a	No		170		20000	Soil	g	No	
1,2,4,5-Tetrachlorobenzene	SVOC	95-94-3	5		50	a	No		170		1250	Sed.	m	No	
4-Bromophenyl-phenylether	SVOC	101-55-3	5		1.5	a	Yes	✓	170		1300	Sed.	l	No	
Hexachlorobenzene	SVOC	118-74-1	5		0.0003	b	Yes	✓	170		20	Sed.	n	Yes	✓
Atrazine	SVOC	1912-24-9	5		NA		NA		170		NA			NA	
Pentachlorophenol	SVOC	87-86-5	10	0.2	2.1	a	Yes	✓ ▼	330	6.7	3000	Soil	h	No	
Phenanthrene	SVOC	85-01-8	5	0.1	30	a	No		170	3.3	41.9	Sed.	n	Yes	✓ ▼
Anthracene	SVOC	120-12-7	5	0.1	0.3	a	Yes	✓ ▼	170	3.3	57.2	Sed.	n	Yes	✓ ▼
Carbazole	SVOC	86-74-8	5		NA		NA		170		NA			NA	
Di-n-butylphthalate	SVOC	84-74-2	5		7	a	No		170		11000	Sed.	l	No	
Fluoranthene	SVOC	206-44-0	5	0.1	6.16	a	No		170	3.3	111	Sed.	n	Yes	✓ ▼
Pyrene	SVOC	129-00-0	5	0.1	7	a	No		170	3.3	53	Sed.	n	Yes	✓ ▼
Butylbenzylphthalate	SVOC	85-68-7	5		93	a	No		170		239	Soil	o	No	
3,3'-Dichlorobenzidine	SVOC	91-94-1	5		105	a	No		170		120	Sed.	m	Yes	✓
Benzo(a)anthracene	SVOC	56-55-3	5	0.1	34.6	a	No		170	3.3	31.7	Sed.	n	Yes	✓ ▼
Chrysene	SVOC	218-01-9	5	0.1	7	a	No		170	3.3	57.1	Sed.	n	Yes	✓ ▼
Bis(2-ethylhexyl)phthalate	SVOC	117-81-7	5		7	a	No		170		180	Sed.	m	No	
Di-n-octylphthalate	SVOC	117-84-0	5		22	a	No		170		709000	Soil	o	No	
Benzo(b)fluoranthene	SVOC	205-99-2	5	0.1	9.07	b	No		170	3.3	20	Sed.	e	Yes	✓ ▼
Benzo(k)fluoranthene	SVOC	207-08-9	5	0.1	9.07	b, 5	No		170	3.3	20	Sed.	e	Yes	✓ ▼
Benzo(a)pyrene	SVOC	50-32-8	5	0.1	0.014	a	Yes	✓ ✓	170	3.3	31.9	Sed.	n	Yes	✓ ▼
Indeno(1,2,3-cd)-pyrene	SVOC	193-39-5	5	0.1	4.31	b	Yes	✓ ▼	170	3.3	70	Sed.	e	Yes	✓ ▼
Dibenzo(a,h)anthracene	SVOC	53-70-3	5	0.1	5	a	No		170	3.3	33	Sed.	n	Yes	✓ ▼
Benzo(g,h,i)perylene	SVOC	191-24-2	5	0.1	7.64	b	No		170	3.3	290	Sed.	e	No	
2,3,4,6-Tetrachlorophenol	SVOC	58-90-2	5		1.2	b	Yes	✓	170		120	Sed.	m	Yes	✓
alpha-BHC	Pest	319-84-6	0.05		74	a	No		1.7		6	Sed.	n	No	
beta-BHC	Pest	319-85-7	0.05		83	a	No		1.7		3.98	Soil	o	No	
delta-BHC	Pest	319-86-8	0.05		141	a	No		1.7		9940	Soil	o	No	
gamma-BHC (Lindane)	Pest	58-89-9	0.05		0.08	a	No		1.7		0.94	Sed.	n	Yes	✓
Heptachlor	Pest	76-44-8	0.05		0.004	a	Yes	✓	1.7		0.6	Sed.	m	Yes	✓
Aldrin	Pest	309-00-2	0.05		0.3	a	No		1.7		2	Sed.	n	No	
Heptachlor epoxide	Pest	1024-57-3	0.05		0.0038	a	Yes	✓	1.7		0.6	Sed.	n	Yes	✓
Endosulfan I	Pest	959-98-8	0.05		0.056	a	No		1.7		2.9	Sed.	l	No	
Dieldrin	Pest	60-57-1	0.1		0.002	a	Yes	✓	3.3		0.28	Soil	f	Yes	✓
4,4'-DDE	Pest	72-55-9	0.1		10.5	a	No		3.3		1.42	Sed.	n	Yes	✓
Endrin	Pest	72-20-8	0.1		0.002	a	Yes	✓	3.3		2.67	Sed.	n	Yes	✓
Endosulfan II	Pest	33213-65-9	0.1		0.056	a	Yes	✓	3.3		10	Sed.	l	No	
4,4'-DDD	Pest	72-54-8	0.1		0.011	a	Yes	✓	3.3		3.54	Sed.	n	No	
Endosulfan sulfate	Pest	1031-07-8	0.1		0.056	a	Yes	✓	3.3		30	Sed.	m	No	
4,4'-DDT	Pest	50-29-3	0.1		0.001	a	Yes	✓	3.3		1.19	Sed.	n	Yes	✓
Methoxychlor	Pest	72-43-5	0.5		0.03	a	Yes	✓	17		10	Sed.	l	Yes	✓
Endrin ketone	Pest	53494-70-5	0.1		0.002	a, 6	Yes	✓	3.3		2.67	Sed.	n, 6	Yes	✓
Endrin aldehyde	Pest	7421-93-4	0.1		1210	a	No		3.3		10.5	Soil	o	No	
alpha-Chlordane	Pest	5103-71-9	0.05		0.004	a, 7	Yes	✓	1.7		224	Soil	o	No	
gamma-Chlordane	Pest	5103-74-2	0.05		0.004	a, 7	Yes	✓	1.7		224	Soil	o	No	
Toxaphene	Pest	8001-35-2	5		0.0002	a	Yes	✓	170		20	Sed.	l	Yes	✓
Aroclor-1016	PCB	12674-11-2	1		0.033	c, 8	Yes	✓	33		7	Sed.	n	Yes	✓
Aroclor-1221	PCB	11104-28-2	1		0.28	c	Yes	✓	33		5	Sed.	n, 10	Yes	✓
Aroclor-1232	PCB	11141-16-5	1		0.58	c	Yes	✓	33		5	Sed.	n, 10	Yes	✓
Aroclor-1242	PCB	53469-21-9	1		0.053	c	Yes	✓	33		5	Sed.	n, 10	Yes	✓
Aroclor-1248	PCB	12672-29-6	1		0.081	c	Yes	✓	33		30	Sed.	n	Yes	✓
Aroclor-1254	PCB	11097-69-1	1		0.033	c	Yes	✓	33		60	Sed.	n	No	
Aroclor-1260	PCB	11096-82-5	1		90	c	No		33		5	Sed.	n	Yes	✓
Aroclor-1262	PCB	37324-23-5	1		0.033	c, 8	Yes	✓	33		5	Sed.	n, 10	Yes	✓
Aroclor-1268	PCB	11100-14-4	1		0.033	c, 8	Yes	✓	33		5	Sed.	n, 10	Yes	✓
Aluminum	Metals	7429-90-5	200		87	a	Yes	✓	20000		50000	Soil	h	No	
Antimony	Metals	7440-36-0	60		692	a	No		6000		2000	Sed.	n	Yes	✓
Arsenic	Metals	7440-38-2	10		190	a	No		1000		5900	Sed.	n	No	

Barium	Metals	7440-39-3	200		4	a	Yes	✓	20000		500000	Soil	h	No	
Beryllium	Metals	7440-41-7	5		5.3	a	No		500		10000	Soil	h	No	
Cadmium	Metals	7440-43-9	5		0.6	a	Yes	✓	500		596	Sed.	n	No	
Calcium	Metals	7440-70-2	5000		NA		NA		500000		NA			NA	
Chromium	Metals	7440-47-3	10		10.6	a, 9	No		1000		400	Soil	g	Yes	✓
Cobalt	Metals	7440-48-4	50		1500	a	No		5000		20000	Soil	h	No	
Copper	Metals	7440-50-8	25		7	a	Yes	✓	2500		35700	Sed.	n	No	
Iron	Metals	7439-89-6	100		1000	a	No		10000		200000	Soil	k	No	
Lead	Metals	7439-92-1	10		1	a	Yes	✓	1000		35000	Sed.	n	No	
Magnesium	Metals	7439-95-4	5000		647	a	Yes	✓	500000		NA			NA	
Manganese	Metals	7439-96-5	15		120	a	No		1500		460000	Sed.	n	No	
Mercury	Metals	7439-97-6	0.2		1.3	a	No		100		100	Soil	g	No	
Nickel	Metals	7440-02-0	40		87.4	a	No		4000		18000	Sed.	n	No	
Potassium	Metals	7440-09-7	5000		NA		NA		500000		NA			NA	
Selenium	Metals	7782-49-2	35		5	a	Yes	✓	3500		1000	Soil	h	Yes	✓
Silver	Metals	7440-22-4	10		0.11	a	Yes	✓	1000		1000	Sed.	n	No	
Sodium	Metals	7440-23-5	5000		NA		NA		500000		NA			NA	
Thallium	Metals	7440-28-0	25		40	a	No		2500		1000	Soil	h	Yes	✓
Vanadium	Metals	7440-62-2	50		20	a	Yes	✓	5000		2000	Soil	h	Yes	✓
Zinc	Metals	7440-66-6	60		58.1	a	Yes	✓	6000		120000	Soil	g	No	
Cyanide	Metals	57-12-5	10		5.2	d	Yes	✓	2500		0.1	Sed.	m	Yes	✓

[1] Organics waters analyzed using EPA SW-846 methods; Inorganics based on ICP-AES using EPA SW-846 methods.

[2] Organics Soils analyzed EPA SW-846 methods; Inorganics based on ICP-AES using EPA SW-846 methods.

[3] Ecological benchmarks provided below are described in Table 5-5

a. SW EPA R6 FW Surface Water Screening Benchmark.
b. SW EPA R5 ESL Surface Water Screening Benchmark.
c. Tier II SCV Surface Water Screening Benchmark.
d. NAWQC Chronic Surface Water Screening Benchmark.
e. ARCS TEC Sediment Screening Benchmark
f. Eco-SSL Mammalian Soil Screening Benchmark
g. EPA R6 Earthworms Surface Soil Screening Benchmark
h. EPA R6 Plants Surface Soil Screening Benchmark
i. NOAA ERL Sediment Screening Benchmark
j. ORNL Invertebrates Soil Screening Benchmark
k. ORNL Microbes Soil Screening Benchmark
l. OSWER Ecotox Thresholds Sediment Screening Benchmark
m. SD EPA R5 ESL Sediment Screening Benchmark
n. SD EPA R6 FW Sediment Screening Benchmark
o. SO EPA R5 ESL Soil Screening Benchmark

1 = Used 1,2-Dichloroethene as a surrogate chemial.
2 = Used 1,3-Dichloropropene as a surrogate chemial.
3 = Used Xylene as a surrogate chemial.
4 = Used 1,2,4-Trichlorobenzene as a surrogate chemial.
5 = Used Benzo[b]fluoranthene as a surrogate chemial.
6 = Used Endrin as a surrogate chemial.
7 = Used Chlordane as a surrogate chemial.
8 = Used PCB-1254 as a surrogate chemial.
9 = Benchmark is based on Chromium VI.
10 = Used PCB-1260 as a surrogate chemial.

EPA SW-846 = EPA Solid waste methods SW-846

RL = Reporting Limit.
SIM = Selective ION Monitoring

✓ = MSSL exceeds RL
✓ ▼ = MSSL exceeds RL; MSSL is below the RL based on the SIM method.
✓ ✓ = MSSL exceeds RL; MSSL exceeds the RL based on the SIM method.