Health Criteria Spreadsheet

This sheet includes updates pending as of 4/8/2013
Table from HQ, first part sorted alphabetically
Delete when done

Compound	RfD	q1*	RSC (%)	BCF	Water & Organisms (ug/l)						Organisms Only (ug/l)					
FCR (kg/day)					3.24E-02		2.86E-01	5.14E-01	1.75E-02		3.24E-02		2.86E-01	5.14E-01	1.75E-02	
					Maine		IC	IC (St Croix)	Federal		State		IC	IC (St. Croix)	Federal	
Antimony	0.0004		0.4	1	**5.51E+00**	N	4.90E+00	4.46E+00	5.55E+00	N	**3.46E+02**	N	3.92E+01	2.18E+01	6.40E+02	N
Arsenic - EPA 10-6	0.0003	1.75		44	1.17E-02		2.74E-03	1.62E-03	1.44E-02		2.81E-02		3.18E-03	1.77E-03	5.19E-02	
Arsenic - 10-6 (30% inorganic)	0.0003	1.75		26	1.78E-02		9.45E-03	6.66E-03	1.87E-02		1.58E-01		1.79E-02	9.98E-03	2.93E-01	
Arsenic - 10-5 (30% inorganic)	0.0003	1.75		26	1.78E-01		9.45E-02	6.66E-02	1.87E-01		1.58E+00		1.79E-01	9.98E-02	2.93E-01	
Arsenic - 10-4 (30% inorganic) w-138 g/day FCR	0.0003	1.75		26	**1.30E+00**						**3.72E+00**					
Nickel	0.02			47	**3.97E+02**	N	9.07E+01	5.35E+01	6.07E+02	N	**9.19E+02**	N	1.04E+02	5.80E+01	4.58E+03	N
Selenium	5.00E-03			4.8	**1.62E+02**	N	1.04E+02	7.83E+01	1.68E+02	N	**2.25E+03**	N	2.55E+02	1.42E+02	4.17E+03	N
Thallium	6.80E-05		0.2	116	**1.65E-01**	N	2.71E-02	1.54E-02	2.36E-01	N	**2.53E-01**	N	2.87E-02	1.60E-02	4.69E-01	N
Zinc	3.00E-01			47	**5.96E+03**	N	1.36E+03	8.03E+02	7.44E+03	N	**1.38E+04**	N	1.56E+03	8.69E+02	2.55E+04	N
Total Cyanide	2.00E-02		0.2	1	1.38E+02		1.22E+02	1.11E+02		N	8.64E+03	N	9.79E+02	5.45E+02	1.60E+04	N
NRWQC: Total Cyanide					**1.40E+02**						**1.40E+02**					
2,3,7,8-TCDD (Dioxin)		156000		5000	**2.74E-09**	C	3.13E-10	1.74E-10	5.01E-09	C	**2.77E-09**	C	3.14E-10	1.75E-10	5.13E-09	C
Acrolein	5.00E-04			215	**3.90E+00**	N	5.51E-01	3.11E-01	6.07E+00	N	**5.02E+00**	N	5.69E-01	3.17E-01	9.30E+00	N
Acrylonitrile		0.54		30	**4.36E-02**	C	1.23E-02	7.44E-03	5.13E-02	C	**1.33E-01**	C	1.51E-02	8.41E-03	2.47E-01	C
Benzene*		1.50E-02		5.2	2.15E+00	C	1.34E+00	9.99E-01	2.23E+00	C	2.77E+01	C	3.14E+00	1.75E+00	5.13E+01	C
Benzene*		0.055		5.2	**5.87E-01**	C	3.65E-01	2.72E-01	6.09E-01	C	**7.55E+00**	C	8.56E-01	4.76E-01	1.40E+01	C
*** Benezene calcualtions represent the range of the criteria for 'water and organisms (0.61-2.2 ug/L) and organisms only (14-51ug/L)**																
Bromoform		0.0079		3.75	**4.18E+00**	C	2.88E+00	2.26E+00	4.29E+00	C	**7.29E+01**	C	8.26E+00	4.60E+00	1.35E+02	C
Carbon tetrachloride		0.13		18.75	**2.07E-01**	C	7.31E-02	4.63E-02	2.31E-01		**8.86E-01**		1.00E-01	5.59E-02		
Chlorobenzene	0.02		0.2	10.3	**1.20E+02**	N	5.66E+01	3.84E+01	1.28E+02	N	**8.39E+02**	N	9.51E+01	5.29E+01	1.55E+03	N
2002 Chlorodibromomethane	0.02	0.084	0.8	3.75	**3.93E-01**		2.71E-01	2.12E-01	4.03E-01	C	**6.86E+00**	C	7.77E-01	4.32E-01	1.27E+01	C
Chloroform	0.01	0.0061		3.75	**5.41E+00**	C	3.73E+00	2.92E+00	5.67E+00	C	**9.44E+01**	C	1.07E+01	5.95E+00	4.71E+02	C
2002 Dichlorobromomethane		0.062		3.75	**5.32E-01**		3.67E-01	2.87E-01	5.47E-01		**9.29E+00**	C	1.05E+00	5.86E-01	1.72E+01	C
1,2-Dichloroethane		0.091		1.2	**3.77E-01**	C	3.28E-01	2.94E-01	3.81E-01	C	**1.98E+01**	C	2.24E+00	1.25E+00	3.66E+01	C
1,1-Dichloroethylene	5.00E-02		0.2	5.6	**3.21E+02**	N	1.94E+02	1.43E+02	3.34E+02	N	**3.86E+03**	N	4.37E+02	2.43E+02	7.14E+03	N
2002 1,2-Dichlorpropane		0.067		4.1	**4.90E-01**		3.29E-01	2.54E-01	5.04E-01	C	**7.86E+00**	C	8.91E-01	4.96E-01	1.46E+01	C
1,3-Dichloropropylene		0.1		1.9	**3.40E-01**	C	2.75E-01	2.35E-01	3.44E-01	C	**1.14E+01**	C	1.29E+00	7.17E-01	2.11E+01	C
Ethylbenzene	0.1		0.2	37.5	**4.35E+02**	N	1.10E+02	6.58E+01	5.27E+02	N	**1.15E+03**	N	1.31E+02	7.26E+01	2.13E+03	N
Methyl bromide	0.0014			3.75	**4.62E+01**		3.19E+01	2.50E+01	4.74E+01	N	**8.07E+02**	N	9.14E+01	5.08E+01	1.49E+03	N
Methylene chloride		0.0075		0.9	**4.60E+00**		4.13E+00	3.79E+00	4.63E+00	C	**3.20E+02**	C	3.63E+01	2.02E+01	5.93E+02	C
1,1,2,2-Tetrachloroethane		0.2		5	**1.62E-01**	C	1.02E-01	7.66E-02	1.68E-01	C	**2.16E+00**	C	2.45E-01	1.36E-01	4.00E+00	C
Tetrachloroethylene		3.98E-02		30.6	**5.88E-01**		1.64E-01	9.92E-02	6.94E-01	C	**1.77E+00**	C	2.01E-01	1.12E-01	3.28E+00	C
Toluene	0.2		0.2	10.7	**1.19E+03**		5.53E+02	3.73E+02	1.28E+03	N	**8.08E+03**	N	9.15E+02	5.09E+02	1.50E+04	N
1,2, Trans-Dichloro-ethylene	0.02		0.2	1.58	**1.37E+02**	N	1.14E+02	9.96E+01	1.38E+02	N	**5.47E+03**	N	6.20E+02	3.45E+02	1.01E+04	N
1,1,2-Trichloroethane	0.004	0.057	0.2	4.5	**5.72E-01**	C	3.74E-01	2.85E-01	5.91E-01	C	**8.42E+00**	C	9.54E-01	5.31E-01	1.56E+01	C
Trichloroethylene		0.0126		10.6	**2.37E+00**		1.10E+00	7.46E-01	2.54E+00	C	**1.62E+01**	C	1.83E+00	1.02E+00	2.99E+01	C
Vinyl chloride		1.4		1.17	**2.45E-02**	C	2.14E-02	1.92E-02	2.47E-02	C	**1.32E+00**	C	1.49E-01	8.31E-02	2.44E+00	C
2-Chlorophenol	0.005			134	**5.52E+01**	N	8.68E+00	4.94E+00	8.06E+01	N	**8.06E+01**	N	9.13E+00	5.08E+00	1.49E+02	N
2,4-Dichlorophenol	0.003			40.7	**6.33E+01**	N	1.54E+01	9.16E+00	7.74E+01	N	**1.59E+02**	N	1.80E+01	1.00E+01	2.95E+02	N
2,4-Dimethylphenol	0.02			93.8	**2.78E+02**	N	4.86E+01	2.79E+01	3.84E+02	N	**4.61E+02**	N	5.22E+01	2.90E+01	8.53E+02	N
2-Methyl-4,6-Dinitrophenol	0.00039			5.5	**1.25E+01**	N	7.64E+00	5.66E+00	1.30E+01	N	**1.53E+02**	N	1.74E+01	9.66E+00	2.84E+02	N
2,4-Dinitrophenol	0.002			1.5	**6.83E+01**	N	5.76E+01	5.05E+01	6.91E+01	N	**2.88E+03**	N	3.26E+02	1.82E+02	5.33E+03	N
Pentachlorophenol	0.03	0.12		11	**2.48E-01**		1.13E-01	7.62E-02	2.66E-01	C	**1.64E+00**	C	1.85E-01	1.03E-01	3.03E+00	C
Phenol	3.00E-01			1.4	**1.03E+04**		8.75E+03	7.72E+03	1.04E+04	N	**4.63E+05**	N	5.24E+04	2.92E+04	8.57E+05	N
2,4,6-Trichlorophenol		0.011		150	**9.28E-01**	C	1.42E-01	8.05E-02	1.38E+00	C	**1.31E+00**	C	1.48E-01	8.25E-02	2.42E+00	C
Acenaphthene	0.06			242	**4.27E+02**	N	5.90E+01	3.32E+01	6.74E+02	N	**5.36E+02**	N	6.07E+01	3.38E+01	9.92E+02	N
Anthracene	0.3			30	**7.07E+03**	N	1.98E+03	1.21E+03	8.32E+03	N	**2.16E+04**	N	2.45E+03	1.36E+03	4.00E+04	N
Benzidine	0.003	230		87.5	**6.29E-05**	C	1.13E-05	6.48E-06	8.62E-05	C	**1.07E-04**	C	1.22E-05	6.77E-06	1.99E-04	C
Benz(a)anthracene		7.3		30	**3.23E-03**	C	9.06E-04	5.50E-04	3.80E-03	C	**9.87E-03**	C	1.12E-03	6.22E-04	1.83E-02	C
Benzo(a)pyrene		7.3		30	**3.23E-03**	C	9.06E-04	5.50E-04	3.80E-03	C	**9.87E-03**	C	1.12E-03	6.22E-04	1.83E-02	C
3,4-Benzo(b)fluoranthene		7.3		30	**3.23E-03**	C	9.06E-04	5.50E-04	3.80E-03	C	**9.87E-03**	C	1.12E-03	6.22E-04	1.83E-02	C
Benzo(k)fluoranthene		7.3		30	**3.23E-03**	C	9.06E-04	5.50E-04	3.80E-03	C	**9.87E-03**	C	1.12E-03	6.22E-04	1.83E-02	C
Bis(2-chloroethyl)ether		1.1		6.9	**2.86E-02**	C	1.60E-02	1.15E-02	3.00E-02	C	**2.85E-01**	C	3.22E-02	1.79E-02	5.27E-01	C
Bis(2-chloroisopropyl)ether	0.04			2.47	**1.35E+03**	N	1.03E+03	8.56E+02	1.37E+03	N	**3.50E+04**	N	3.96E+03	2.21E+03	6.48E+04	N
Bis(2-ethylhexyl)phthalate		0.014		130	**8.05E-01**	C	1.28E-01	7.27E-02	1.17E+00	C	**1.19E+00**	C	1.34E-01	7.48E-02	2.20E+00	C
Butylbenzyl phthalate	0.2			414	**9.08E+02**	N	1.16E+02	6.52E+01	1.51E+03	N	**1.04E+03**	N	1.18E+02	6.58E+01	1.93E+03	N
2-Chloronaphthalene	0.08			202	**6.55E+02**	N	9.37E+01	5.29E+01	1.01E+03	N	**8.56E+02**	N	9.69E+01	5.39E+01	1.58E+03	N
Chrysene		7.3		30	**3.23E-03**	C	9.06E-04	5.50E-04	3.80E-03	C	**9.87E-03**	C	1.12E-03	6.22E-04	1.83E-02	C
Dibenzo(a,h)anthracene		7.3		30	**3.23E-03**	C	9.06E-04	5.50E-04	3.80E-03	C	**9.87E-03**	C	1.12E-03	6.22E-04	1.83E-02	C

CAS #	Carcinogen	CSF
79-34-5	1,1,2,2-Tetrachloroethane	2×10^{-1} kg·day/mg
78-87-5	1,2-Dichloropropane	3.6×10^{-2} kg·day/mg
121-14-2	2,4-Dinitrotoluene	0.31 kg·day/mg
72-55-9	4,4'-DDE	1.67×10^{-1} kg·day/mg
56-23-5	Carbon Tetrachloride	7×10^{-2} kg·day/mg
124-48-1	Chlorodibromomethane	4.3×10^{-2} kg·day/mg
75-27-4	Dichlorobromomethane	3.5×10^{-2} kg·day/mg
87-68-3	Hexachlorobutadiene	4×10^{-2} kg·day/mg
67-72-1	Hexachloroethane	4×10^{-2} kg·day/mg
75-09-2	Methylene Chloride	2×10^{-3} kg·day/mg
79-01-6	Trichloroethylene	4.6×10^{-2} kg·day/mg

CAS #	Non-Carcinogen	RfD
57-12-5	Cyanide	6×10^{-4} mg/kg·day
58-89-9	Gamma-BHC (Lindane)	4.7×10^{-3} mg/kg·day
156-60-5	1,2-Trans-Dichloroethylene	0.02 mg/kg·day
67-66-3	Chloroform	0.01 mg/kg·day
108-88-3	Toluene	0.08 mg/kg·day

Compound	RfD	q1*	RSC (%)	BCF	Water & Organisms (ug/l)								Organisms Only (ug/l)							
FCR (kg/day)					3.24E-02		2.86E-01	5.14E-01		1.75E-02			3.24E-02		2.86E-01	5.14E-01		1.75E-02		
					Maine		IC	IC (St Croix)		Federal			State		IC	IC (St. Croix)		Federal		
1,2-(o)Dichlorobenzene	0.09		0.2	55.6	**3.31E+02**	N	7.04E+01	4.12E+01		4.24E+02	N		**6.99E+02**	N	7.92E+01	4.41E+01		1.29E+03	N	
1,3-(m)Dichlorobenzene	0.0134			55.6	**2.47E+02**	N	5.24E+01	3.07E+01		3.16E+02	N		**5.21E+02**	N	5.90E+01	3.28E+01		9.64E+02	N	
1,4-(p)Dichlorobenzene	0.0134		0.2	55.6	**4.93E+01**	N	1.05E+01	6.14E+00		6.31E+01	N		**1.04E+02**	N	1.18E+01	6.56E+00		1.93E+02	N	
3,3-Dichlorobenzidine		0.45		312	**1.28E-02**	C	1.71E-03	9.58E-04		2.09E-02	C		**1.54E-02**	C	1.74E-03	9.70E-04		2.85E-02	C	
Diethyl phthalate	0.8			73	**1.28E+04**	N	2.45E+03	1.42E+03		1.71E+04	N		**2.37E+04**	N	2.68E+03	1.49E+03		4.38E+04	N	
Dimethyl phthalate	10			36	**2.21E+05**	N	5.69E+04	3.41E+04		2.66E+05	N		**6.00E+05**	N	6.80E+04	3.78E+04		1.11E+06	N	
Dibutyl-n phthalate	0.1			89	**1.43E+03**	N	2.55E+02	1.47E+02		1.97E+03	N		**2.43E+03**	N	2.75E+02	1.53E+02		4.49E+03	N	
2,4-Dinitrotoluene	0.002	0.31		3.8	**1.06E-01**	C	7.32E-02	5.71E-02		1.09E-01	C		**1.83E+00**	C	2.08E-01	1.16E-01		3.40E+00	C	
1,2-Diphenylhydrazine		0.8		24.9	**3.12E-02**	C	9.59E-03	5.91E-03		3.59E-02	C		**1.08E-01**	C	1.23E-02	6.84E-03		2.01E-01	C	
Fluoranthene	0.04			1150	**7.13E+01**	N	8.46E+00	4.72E+00		1.27E+02	N		**7.51E+01**	N	8.51E+00	4.74E+00		1.39E+02	N	
Fluorene	0.04			30	**9.42E+02**		2.65E+02	1.61E+02		1.11E+03	N		2.88E+03	N	3.26E+02	1.82E+02		5.33E+03	N	
Hexachlorobenzene	0.0008	1.6		8690	1.54E-04		1.76E-05	9.79E-06		2.84E-04	C		1.55E-04	C	1.76E-05	9.79E-06		2.88E-04	C	
Hexachlorobutadiene		0.078		2.78	**4.29E-01**		3.21E-01	2.62E-01		4.38E-01	C		**9.96E+00**	C	1.13E+00	6.28E-01		1.84E+01	C	
Hexachlorocyclopentadiene	0.006		0.2	4.34	**3.92E+01**	N	2.59E+01	1.99E+01		4.05E+01	N		**5.97E+02**	N	6.77E+01	3.77E+01		1.11E+03	N	
Hexachloroethane	0.001	0.014		86.9	**1.04E+00**		1.86E-01	1.07E-01		1.42E+00	C		**1.78E+00**	C	2.01E-01	1.12E-01		3.29E+00	C	
Indeno(1,2,3-cd)pyrene		7.3		30	**3.23E-03**	C	9.06E-04	5.50E-04		3.80E-03	C		**9.87E-03**	C	1.12E-03	6.22E-04		1.83E-02	C	
Isophorone	0.2	0.00095		4.38	**3.44E+01**	C	2.27E+01	1.73E+01		3.55E+01	C		**5.19E+02**	C	5.88E+01	3.27E+01		9.61E+02	C	
Nitrobenzene	0.0005			2.89	**1.67E+01**		1.24E+01	1.00E+01		1.71E+01	N		**3.74E+02**	N	4.23E+01	2.36E+01		6.92E+02	N	
N-Nitrosodimethylamine		51		0.026	**6.86E-04**	C	6.84E-04	6.82E-04		6.86E-04	C		**1.63E+00**	C	1.85E-01	1.03E-01		3.02E+00	C	
N-Nitrosodi-n-propylamine		7		1.13	**4.91E-03**	C	4.30E-03	3.87E-03		4.95E-03	C		**2.73E-01**	C	3.09E-02	1.72E-02		5.06E-01	C	
N-Nitrosodiphenylamine		0.0049		136	**2.23E+00**	C	3.49E-01	1.99E-01		3.26E+00	C		**3.24E+00**	C	3.67E-01	2.04E-01		6.00E+00	C	
Pyrene	0.03			30	**7.07E+02**	N	1.98E+02	1.21E+02		8.32E+02	N		**2.16E+03**	N	2.45E+02	1.36E+02		4.00E+03	N	
1,2,4-Trichlorobenzene	0.01		0.2	114	**2.46E+01**	N	4.05E+00	2.31E+00		3.50E+01	N		**3.79E+01**	N	4.29E+00	2.39E+00		7.02E+01	N	
Aldrin	0.00003	17		4670	**2.69E-05**	C	3.08E-06	1.71E-06		4.92E-05	C		**2.72E-05**	C	3.08E-06	1.72E-06		5.04E-05	C	
a BHC		6.3		130	**1.79E-03**	C	2.84E-04	1.61E-04		2.60E-03	C		**2.64E-03**	C	2.99E-04	1.66E-04		4.88E-03	C	
b BHC		1.8		130	**6.26E-03**	C	9.93E-04	5.65E-04		9.10E-03	C		**9.23E-03**	C	1.05E-03	5.82E-04		1.71E-02	C	
g BHC (Lindane)	0.0047	1.3		130	8.67E-03		1.37E-03	7.82E-04		1.26E-02			1.28E-02		1.45E-03	8.06E-04		2.37E-02		
Chlordane	0.0005	0.35		14100	**4.36E-04**	C	4.96E-05	2.76E-05		8.04E-04	C		**4.38E-04**	C	4.96E-05	2.76E-05		8.11E-04	C	
4,4'-DDT	0.0005	0.34		53600	**1.18E-04**	C	1.34E-05	7.47E-06		2.19E-04	C		**1.19E-04**	C	1.34E-05	7.47E-06		2.19E-04	C	
4,4'-DDE		0.34		53600	**1.18E-04**		1.34E-05	7.47E-06		2.19E-04	C		**1.19E-04**	C	1.34E-05	7.47E-06		2.19E-04	C	
4,4'-DDD		0.24		53600	**1.68E-04**	C	1.90E-05	1.06E-05		3.10E-04	C		**1.68E-04**	C	1.90E-05	1.06E-05		3.11E-04	C	
Dieldrin	0.00005	16		4670	**2.85E-05**		3.27E-06	1.82E-06		5.23E-05			**2.89E-05**		3.28E-06	1.82E-06				
a Endosulfan	0.006			270	**3.91E+01**	N	5.30E+00	2.98E+00		6.25E+01	N		**4.80E+01**	N	5.44E+00	3.03E+00		8.89E+01	N	
b Endosulfan	0.006			270	**3.91E+01**	N	5.30E+00	2.98E+00		6.25E+01	N		**4.80E+01**	N	5.44E+00	3.03E+00		8.89E+01	N	
Endosulfan sulfate	0.006			270	**3.91E+01**	N	5.30E+00	2.98E+00		6.25E+01	N		**4.80E+01**	N	5.44E+00	3.03E+00		8.89E+01	N	
Endrin	0.0003		0.2	3970	**3.22E-02**		3.69E-03	2.06E-03		5.88E-02	N		**3.27E-02**	N	3.70E-03	2.06E-03		6.05E-02	N	
Endrin aldehyde	0.0003			3970	**1.61E-01**	N	1.85E-02	1.03E-02		2.94E-01	N		**1.63E-01**	N	1.85E-02	1.03E-02		3.02E-01	N	
Heptachlor	0.0005	4.5		11200	**4.26E-05**	C	4.85E-06	2.70E-06		7.86E-05	C		**4.29E-05**	C	4.86E-06	2.70E-06		7.94E-05	C	
Heptachlor epoxide	0.000013	9.1		11200	**2.11E-05**	C	2.40E-06	1.34E-06		3.89E-05	C		**2.12E-05**	C	2.40E-06	1.34E-06		3.92E-05	C	
PCB		2		31200	**3.46E-05**	C	3.92E-06	2.18E-06		6.39E-05	C		**3.46E-05**	C	3.92E-06	2.18E-06		6.41E-05	C	
Toxaphene		1.1		13100	**1.49E-04**	C	1.70E-05	9.45E-06		2.75E-04	C		**1.50E-04**	C	1.70E-05	9.45E-06		2.78E-04	C	

Compound	RfD	q1*	RSC (%)	BCF	Organisms Only (mg/kg)			
Methylmercury	0.0001		0.000027		1.58E-01	1.79E-02	9.94E-03	2.92E-01

Notes:

Bold indicates that the criteria matches the current (2013) Maine criteria.

Delete when done

fixed typo in chemical name from 2,4-dinitotoluene