

Figure: 30 TAC §350.73(f)

Chemical/Physical Properties of COCs (Legend on last page of Table)

	COMPOUND	Physical State	CAS number	Type	M.W. (g/mole)	H' (cm <sup>3</sup> -H <sub>2</sub> O/cm <sup>3</sup> -air)	LogK <sub>oc</sub>	Log K <sub>d</sub>	D <sub>air</sub> (cm <sup>2</sup> /s)	D <sub>wat</sub> (cm <sup>2</sup> /s)	Solubility (mg/l)	Vapor Pressure (mm Hg)	Log K <sub>ow</sub>	Br <sub>Abg</sub> (g soil/g D.W.)	Br <sub>Bg</sub> (g soil/g D.W.)
1	Acenaphthene	s	83-32-9	O	154.21	6.44E-03	3.60	-----	4.21E-02	7.69E-06	4.24E+00	3.75E-03	4.15		
2	Acenaphthylene	s	208-96-8	O	152.20	4.74E-03	3.84	-----	4.39E-02	7.07E-06	3.93E+00	2.90E-02	3.94		
3	Acetaldehyde	g	75-07-0	O	44.05	2.75E-03	0.42	-----	1.24E-01	1.23E-05	1.00E+06	9.00E+02	0.43		
4	Acetone	l	67-64-1	O	58.08	1.61E-03	-0.24	-----	1.24E-01	1.14E-05	6.00E+05	2.27E+02	-0.24		
5	Acetone cyanohydrin	l	75-86-5	O	85.11	1.34E-04	-0.22	-----	8.12E-02	9.09E-06	1.83E+06	8.00E-01	-0.03		
6	Acetonitrile	l	75-05-8	O	41.05	1.21E-03	-0.33	-----	1.28E-01	1.45E-05	2.05E+05	9.00E+01	-0.34		
7	Acetophenone	l	98-86-2	O	120.15	4.45E-04	1.56	-----	6.00E-02	8.73E-06	5.50E+03	3.95E-01	1.67		
8	Acifluorfen, sodium	s	62476-59-9	O	383.64	< 8.31E-13	2.05	-----	1.45E-02	4.40E-06	> 2.50E+05	< 9.75E-09	0.37		
9	Acrolein	l	107-02-8	O	56.06	1.83E-04	-0.28	-----	1.05E-01	1.12E-05	2.00E+05	2.65E+02	-0.10		
10	Acrylamide	s	79-06-1	O	71.08	1.33E-08	-0.66	-----	9.70E-02	1.28E-05	2.20E+06	7.00E-03	-0.81		
11	Acrylic acid	l	79-10-7	O	72.06	1.32E-05	0.05	-----	9.08E-02	1.06E-05	1.00E+06	3.72E+00	0.44		
12	Acrylonitrile	l	107-13-1	O	53.06	4.57E-03	0.04	-----	1.22E-01	1.34E-05	7.50E+04	1.10E+02	0.21		
13	Alachlor	s	15972-60-8	O	269.77	8.62E-07	2.28	-----	1.94E-02	5.83E-06	2.40E+02	2.20E-05	3.37		
14	Aldicarb	s	116-06-3	O	190.27	5.82E-08	1.20	-----	3.05E-02	7.20E-06	6.00E+03	2.90E-05	1.36		
15	Aldicarb sulfone	s	1646-88-4	O	222.27	1.10E-07	0.23	-----	5.55E-02	5.79E-06	8.00E+03	9.00E-05	-0.67		
16	Aldrin	s	309-00-2	O	364.91	7.07E-03	4.68	-----	1.32E-02	4.86E-06	7.84E-02	1.67E-05	6.75		
17	Allyl alcohol	l	107-18-6	O	58.08	2.08E-04	0.51	-----	1.14E-01	1.10E-05	3.20E+05	2.63E+01	0.17		
18	Allyl chloride	l	107-05-1	O	76.53	4.57E-01	1.43	-----	9.80E-02	1.08E-05	3.40E+03	3.60E+02	1.93		
19	Aluminum	s	7429-90-5	M	26.98	0.00E+00		2.55	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.33	1.5E-03	6.50E-04
20	Aminopyridine, 4-	s	504-24-5	O	94.12	2.44E-07	-0.32	-----	8.02E-02	1.08E-05	7.66E+04	2.00E-03	-0.11		
21	Ammonia	g	7664-41-7	I	17.03	1.36E-02	0.49	-----	2.59E-01	6.93E-05	5.31E+05	7.47E+03	0.23		
22	Ammonium sulfamate	s	7773-06-0	I	114.13	0.00E+00	-----	CE	9.81E-02	1.04E-05	2.00E+06	0.00E+00	-4.34		
23	Aniline	l	62-53-3	O	93.13	5.82E-05	0.96	-----	7.00E-02	8.30E-06	3.60E+04	6.69E-01	1.08		
24	Anthracene	s	120-12-7	O	178.23	4.61E-03	4.37	-----	3.24E-02	7.74E-06	4.34E-02	2.55E-05	4.35		
25	Antimony		7440-36-0	M	121.75	0.00E+00	-----	1.65	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00	7.0E-02	3.00E-02
26	Aramite	l	140-57-8	O	334.86	CE	4.00	-----	4.23E-02	4.45E-06	CE	1.23E-04	4.82		
27	Aroclor 1016	l	12674-11-2	O	257.55	2.27E-02	4.87	-----	2.05E-02	6.80E-06	4.20E-01	7.12E-04	5.69		
28	Aroclor 1254	L	11097-69-1	O	327.00	1.12E-01	5.72	-----	CE	5.60E-06	3.45E-02	8.82E-05	5.61		
29	Arsenic	s	7440-38-2	M	74.92	0.00E+00	-----	1.40	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.68	1.00E-02	8.00E-03
30	Arsine	g	7784-42-1	I	77.95	2.41E-01	-----	CE	CE	CE	2.00E+05	1.13E+04	CE		
31	Asbestos	s	1332-21-4	I	varies	0.00E+00	-----	5.00	CE	CE	0.00E+00	0.00E+00	CE		
32	Atrazine	s	1912-24-9	O	215.69	1.09E-07	2.20	-----	5.64E-02	5.58E-06	3.00E+01	3.00E-07	2.82		
33	Barium	s	7440-39-3	M	137.33	0.00E+00	-----	1.04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00	4.9E-02	1.50E-02

	COMPOUND	Physical State	CAS number	Type	M.W. (g/mole)	H' (cm <sup>3</sup> -H <sub>2</sub> O/cm <sup>3</sup> -air)	LogK <sub>oc</sub>	Log K <sub>d</sub>	D <sub>air</sub> (cm <sup>2</sup> /s)	D <sub>wat</sub> (cm <sup>2</sup> /s)	Solubility (mg/l)	Vapor Pressure (mm Hg)	Log K <sub>ow</sub>	Br <sub>Abg</sub> (g soil/g D.W.)	Br <sub>Bg</sub> (g soil/g D.W.)
34	Barium cyanide	s	542-62-1	I	189.37	CE	-----	1.78	CE	CE	8.00E+05	CE	CE	4.9E-02	1.50E-02
35	Benzene	l	71-43-2	O	78.11	2.27E-01	1.82	-----	8.80E-02	9.80E-06	1.77E+03	9.50E+01	1.99		
36	Benzenethiol	l	108-98-5	O	110.18	1.83E-02	1.32	-----	7.60E-02	8.68E-06	7.60E+02	2.40E+00	2.69		
37	Benzidine	s	92-87-5	O	184.24	1.62E-09	1.32	-----	3.40E-02	1.50E-05	5.20E+02	8.36E-08	1.34		
38	Benzo-a-anthracene	s	56-55-3	O	228.29	1.39E-04	5.55	-----	5.10E-02	9.00E-06	1.00E-02	1.54E-07	5.52		
39	Benzo-a-pyrene	s	50-32-8	O	252.32	4.70E-05	5.98	-----	4.30E-02	9.00E-06	1.62E-03	4.89E-09	6.11		
40	Benzo-b-fluoranthene	s	205-99-2	O	252.32	4.99E-04	6.08	-----	2.26E-02	5.56E-06	1.50E-03	8.06E-08	6.11		
41	Benzo-j-fluoranthene	s	205-82-3	O	252.32	4.63E-04	5.72	-----	4.15E-02	5.48E-06	2.50E-03	8.39E-08	6.11		
42	Benzo-k-fluoranthene	s	207-08-9	O	252.32	4.45E-07	6.09	-----	2.26E-02	5.56E-06	5.50E-04	9.59E-11	6.11		
43	Benzo-(g,h,i)-perylene	s	191-24-2	O	276.34	5.82E-06	6.20	-----	4.90E-02	5.65E-05	2.60E-04	1.00E-10	6.70		
44	Benzoic acid	s	65-85-0	OA	122.12	1.39E-05	-0.30	-----	5.36E-02	7.97E-06	3.50E+03	6.51E-03	1.87		
45	Benzotrichloride	l	98-07-7	O	195.48	2.03E-02	3.16	-----	5.91E-02	7.02E-06	1.00E+02	1.90E-01	3.90		
46	Benzyl alcohol	l	100-51-6	O	108.14	1.62E-05	1.08	-----	8.00E-02	8.00E-06	4.00E+04	1.06E-01	1.08		
47	Benzyl chloride	l	100-44-7	O	126.59	1.66E-02	2.26	-----	7.50E-02	7.80E-06	4.93E+02	1.20E+00	2.79		
48	Beryllium	s	7440-41-7	M	9.01	0.00E+00	-----	1.36	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.57	3.60E-03	1.50E-03
49	Biphenyl, 1,1-	s	92-52-4	O	154.21	1.25E-02	3.71	-----	5.73E-02	6.71E-06	7.50E+00	2.94E-02	3.76		
50	Bis (2-chloro-ethyl) ether	l	111-44-4	O	143.01	8.90E-04	1.19	-----	6.92E-02	7.53E-06	1.02E+04	1.34E+00	1.56		
51	Bis (2-chloroisopropyl) ether	l	108-60-1	O	171.07	4.16E-03	2.50	-----	6.00E-02	6.40E-06	1.70E+03	8.50E-01	2.58		
52	Bis (2-chloromethyl) ether	l	542-88-1	O	114.96	4.99E-03	0.08	-----	8.32E-02	9.59E-06	3.80E+04	3.00E+01	0.58		
53	Bis (2-ethyl-hexyl) phthalate	l	117-81-7	O	390.56	4.57E-04	5.83	-----	3.51E-02	3.66E-06	3.00E-01	6.45E-06	8.39		
54	Bis (tri-n-butyltin) oxide	l	56-35-9	O	596.11	2.08E-03	CE	-----	CE	CE	1.80E+01	6.91E-05	5.80		
55	Bromodichloromethane	l	75-27-4	O	163.83	1.32E-01	1.74	-----	2.98E-02	1.06E-05	4.50E+03	5.84E+01	1.61		
56	Bromoform	l	75-25-2	O	252.73	2.56E-02	1.94	-----	1.49E-02	1.03E-05	3.20E+03	5.60E+00	1.79		
57	Bromomethane	g	74-83-9	O	94.94	5.90E-01	1.02	-----	7.28E-02	1.21E-05	1.52E+04	1.64E+03	1.18		
58	Butadiene, 1,3-	g	106-99-0	O	54.09	2.61E+00	2.11	-----	1.79E-01	1.02E-05	7.35E+02	2.11E+03	2.03		
59	Butanol, n-	l	71-36-3	O	74.12	3.55E-04	0.77	-----	8.00E-02	9.30E-06	7.47E+04	6.54E+00	0.84		
60	Butylate	l	2008-41-5	O	217.38	3.50E-03	2.10	-----	4.89E-02	5.14E-06	4.60E+01	1.30E-02	3.85		
61	Butyl benzyl phthalate	l	85-68-7	O	312.37	7.94E-05	4.14	-----	1.74E-02	4.83E-06	2.90E+00	1.20E-05	4.84		
62	Cacodylic acid	s	75-60-5	O	138.00	0.00E+00	0.38	-----	CE	CE	2.00E+06	0.00E+00	0.00		
63	Cadmium	s	7440-43-9	M	112.41	0.00E+00	-----	1.18	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-0.07	1.40E-01	6.40E-02

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64	Calcium cyanide	s	592-01-8	I	92.11	CE	-----	CE	CE	CE	CE	CE	-2.41		
65	Captan	s	133-06-2	O	300.59	2.99E-04	3.81	-----	1.83E-02	4.90E-06	5.00E-01	7.50E-06	1.84		
66	Carbaryl	s	63-25-2	O	201.22	5.32E-07	2.37	-----	2.78E-02	5.60E-06	3.00E+01	1.36E-06	2.35		
67	Carbazole	s	86-74-8	O	167.21	3.38E-03	3.39	-----	3.90E-02	7.03E-06	7.21E-01	2.66E-04	3.23		
68	Carbofuran	s	1563-66-2	O	221.26	1.62E-07	1.46	-----	5.35E-02	5.40E-06	7.00E+02	8.30E-06	2.30		
69	Carbosulfan	l	55285-14-8	O	380.55	2.15E-05	4.41	-----	3.76E-02	3.88E-06	3.00E-01	3.10E-07	5.57		
70	Carbon disulfide	l	75-15-0	O	76.14	6.13E-01	1.72	-----	1.04E-01	1.00E-05	2.30E+03	3.40E+02	1.94		
71	Carbon tetrachloride	l	56-23-5	O	153.82	1.20E+00	2.27	-----	7.80E-02	8.80E-06	8.05E+02	1.12E+02	2.44		
72	Chloral	l	75-87-6	O	147.39	2.66E-05	0.80	-----	3.85E-02	9.70E-06	8.30E+06	3.50E+01	1.19		
73	Chlordane	s	57-74-9	O	409.78	2.02E-03	5.08	-----	1.18E-02	4.37E-06	5.60E-02	1.00E-05	6.60		
74	Chlorfenvinphos	l	470-90-6	O	359.57	2.31E-08	3.11	-----	CE	CE	1.45E+02	1.70E-07	4.15		
75	Chlorine	g	7782-50-5	I	70.91	2.86E+00	-----	CE	1.20E-01	1.48E-05	7.00E+03	5.17E+03	0.85		
76	Chlorine cyanide	g	506-77-4	O	61.47	1.12E-01	-----	CE	1.20E-01	1.39E-05	3.00E+04	1.00E+03	-0.38		
77	Chloroaniline, p-	s	106-47-8	O	127.57	4.86E-05	1.82	-----	4.83E-02	1.01E-05	3.90E+03	2.35E-02	1.72		
78	Chlorobenzene	l	108-90-7	O	112.56	1.82E-01	2.33	-----	7.30E-02	8.70E-06	5.02E+02	1.21E+01	2.64		
79	Chlorobenzilate	s	510-15-6	O	325.19	3.78E-06	2.90	-----	8.00E-02	8.00E-06	1.30E+01	2.20E-06	3.99		
80	Chloro-1,3-butadiene, 2-	l	126-99-8	O	88.54	1.33E+00	2.00	-----	1.00E-01	1.00E-05	6.30E+02	2.12E+02	2.53		
81	Chlorodifluoromethane	g	75-45-6	O	86.47	1.22E+00	0.79	-----	1.13E-01	1.32E-05	2.90E+03	7.83E+03	0.89		
82	Chloroethane	l	75-00-3	O	64.51	2.12E-01	1.25	-----	1.50E-01	1.18E-05	2.00E+04	1.20E+03	1.58		
83	Chloroform	l	67-66-3	O	119.38	1.53E-01	1.67	-----	1.04E-01	1.00E-05	7.92E+03	1.98E+02	1.52		
84	Chloromethane	g	74-87-3	O	50.49	1.44E+00	0.78	-----	1.26E-01	6.50E-06	7.25E+03	3.77E+03	1.09		
85	Chloronaphthalene, 2-	s	91-58-7	O	162.62	2.54E-02	3.93	-----	6.18E-02	6.98E-06	6.74E+00	1.70E-02	3.81		
86	Chlorophenol, 2-	l	95-57-8	OA	128.56	7.40E-04	2.46	-----	5.01E-02	9.46E-06	2.80E+04	1.42E+00	2.16		
87	Chlorotoluene, 2-	l	95-49-8	O	126.59	1.35E-01	2.61	-----	7.01E-02	-----	1.54E+02	3.9E-03	3.20		
88	Chlorpyrifos	s	2921-88-2	O	350.59	1.73E-04	3.70	-----	4.85E-02	5.11E-06	9.00E-01	1.87E-05	4.66		
89	Chromium (III)/Chromium (total)	s	7440-47-3	M	52.00	0.00E+00	-----	3.08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00	5.20E-03	4.50E-03
90	Chromium (VI)	s	18540-29-9	M	52.00	0.00E+00	-----	1.15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00	5.20E-03	4.50E-03
91	Chrysene	s	218-01-9	O	228.29	5.03E-05	5.49	-----	2.48E-02	6.21E-06	2.00E-03	7.80E-09	5.52		
92	Cobalt	s	7440-48-4	M	58.93	0.00E+00	-----	1.65	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00	1.00E-02	7.00E-03
93	Copper	s	7440-50-8	M	63.55	0.00E+00	-----	1.60	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-0.57	2.90E-01	2.50E-01
94	Copper cyanide	s	544-92-3	I	115.58	CE	-----	1.54	CE	CE	0.00E+00	0.00E+00	-1.49	2.90E-01	2.50E-01
95	Cresol, m-	l	108-39-4	O	108.14	3.62E-05	1.94	-----	7.40E-02	1.00E-05	2.30E+04	1.40E-01	2.06		

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96	Cresol, o-	s	95-48-7	O	108.14	6.65E-05	1.99	-----	7.40E-02	8.30E-06	2.04E+04	3.20E-01	2.06		
97	Cresol, p-	s	106-44-5	O	108.14	3.99E-05	1.91	-----	7.40E-02	1.00E-05	2.30E+04	1.30E-01	2.06		
98	Crotonaldehyde	l	123-73-9	O	70.09	8.15E-04	0.21	-----	9.37E-02	1.02E-05	1.60E+05	1.90E+01	0.60		
99	Cumene	l	98-82-8	O	120.19	6.07E-01	3.54	-----	6.50E-02	7.10E-06	5.00E+01	4.60E+00	3.45		
100	Cyanide	CE	57-12-5	I	26.02	CE	-----	1.00	5.21E-01	2.28E-05	1.00E+05	1.38E+01	-0.69		
101	Cyanogen	g	460-19-5	O	52.04	2.06E-01	0.13	-----	2.04E-01	1.37E-05	1.00E+04	3.88E+03	0.07		
102	Cyanogen bromide	s	506-68-3	O	105.92	4.41E+02	-0.49	-----	6.24E-02	1.13E-05	1.31E+00	1.00E+02	-0.29		
103	Cyclohexanone	l	108-94-1	O	98.14	4.99E-04	0.74	-----	7.72E-02	8.73E-06	2.30E+04	4.00E+00	1.13		
104	Cyclotrimethylenetrinitramine	s	121-82-4	O	222.12	4.99E-04	1.80	-----	6.65E-02	6.39E-06	3.87E+01	1.00E-09	0.87		
105	DDD	s	72-54-8	O	320.05	1.66E-04	4.93	-----	1.69E-02	4.76E-06	9.00E-02	8.66E-07	5.87		
106	DDE	s	72-55-9	O	241.93	8.73E-04	5.04	-----	1.44E-02	5.87E-06	6.50E-02	5.66E-06	6.00		
107	DDT	s	50-29-3	O	354.49	2.23E-03	5.14	-----	1.37E-02	4.95E-06	3.10E-03	3.93E-07	6.79		
108	Di-n-butyl phthalate	l	84-74-2	O	278.35	5.94E-05	4.53	-----	4.38E-02	7.86E-06	1.12E+01	4.25E-05	4.61		
109	Di-n-octyl phthalate	l	117-84-0	O	390.56	2.78E-03	7.92	-----	1.51E-02	3.90E-06	2.00E-02	4.47E-06	8.54		
110	Diallate	s	2303-16-4	O	270.22	1.58E-04	3.28	-----	8.00E-02	8.00E-06	1.40E+01	1.50E-04	4.08		
111	Diazinon	l	333-41-5	O	304.35	4.70E-06	2.12	-----	1.80E-02	4.90E-06	4.00E+01	8.40E-05	3.86		
112	Dibenz-a,h-anthracene	s	53-70-3	O	278.35	4.66E-07	6.28	-----	2.00E-02	5.18E-06	5.00E-04	2.10E-11	6.70		
113	Dibromo-3-chloropropane, 1,2-	l	96-12-8	O	236.33	8.31E-03	2.23	-----	8.00E-02	8.00E-06	1.00E+03	7.60E-01	2.68		
114	Dibromochloromethane	l	124-48-1	O	208.28	3.25E-02	1.80	-----	1.96E-02	1.05E-05	5.25E+03	1.50E+01	1.70		
115	Dicamba	s	1918-00-9	O	209.03	3.28E-07	0.34	-----	6.02E-02	6.69E-06	5.60E+03	9.70E-05	2.14		
116	Dichlorobenzene, 1,2-	l	95-50-1	O	147.00	8.73E-02	2.84	-----	6.90E-02	7.90E-06	1.50E+02	1.36E+00	3.28		
117	Dichlorobenzene, 1,3-	l	541-73-1	O	147.00	1.95E-01	2.23	-----	6.80E-02	8.13E-06	1.10E+02	2.30E+00	3.28		
118	Dichlorobenzene, 1,4-	s	106-46-7	O	147.00	1.17E-01	2.81	-----	6.90E-02	7.90E-06	7.38E+01	1.06E+00	3.28		
119	Dichlorobenzidine, 3,3-	s	91-94-1	O	253.13	8.65E-07	2.86	-----	1.94E-02	6.74E-06	3.11E+00	2.20E-07	3.21		
120	Dichloro-2-butene, 1,4	l	764-41-0	O	125.00	1.24E-02	2.26	-----	7.43E-02	8.62E-06	6.91E+03	1.26E+01	2.60		
121	Dichlorodifluoromethane	l	75-71-8	O	120.91	1.67E+01	2.11	-----	5.20E-02	1.05E-05	2.80E+02	4.80E+03	1.82		
122	Dichloroethane, 1,1-	l	75-34-3	O	98.96	2.39E-01	1.50	-----	7.42E-02	1.05E-05	5.50E+03	2.28E+02	1.76		
123	Dichloroethane, 1,2-	l	107-06-2	O	98.96	5.32E-02	1.24	-----	1.04E-01	9.90E-06	8.70E+03	8.13E+01	1.83		
124	Dichloroethylene, 1,1-	l	75-35-4	O	96.94	1.06E+00	1.81	-----	9.00E-02	1.04E-05	2.40E+03	5.91E+02	2.12		

	COMPOUND	Physical State	CAS number	Type	M.W. (g/mole)	H' (cm <sup>3</sup> -H <sub>2</sub> O/cm <sup>3</sup> -air)	LogK <sub>oc</sub>	Log K <sub>d</sub>	D <sub>air</sub> (cm <sup>2</sup> /s)	D <sub>wat</sub> (cm <sup>2</sup> /s)	Solubility (mg/l)	Vapor Pressure (mm Hg)	Log K <sub>ow</sub>	Br <sub>Abg</sub> (g soil/g D.W.)	Br <sub>Bg</sub> (g soil/g D.W.)
125	Dichloroethylene, cis-1,2-	l	156-59-2	O	96.94	1.87E-01	1.46	-----	7.35E-02	1.13E-05	4.93E+03	1.75E+02	1.86		
126	Dichloroethylene, trans-1,2	l	156-60-5	O	96.94	3.90E-01	1.70	-----	7.07E-02	1.19E-05	6.30E+03	3.52E+02	2.07		
127	Dichlorophenol, 2,4-	s	120-83-2	OA	163.00	1.31E-04	1.86	-----	3.46E-02	8.77E-06	4.50E+03	7.15E-02	2.80		
128	Dichlorophenoxyacetic acid, 2,4-	s	94-75-7	O	221.04	5.82E-09	2.95	-----	5.90E-02	6.50E-06	8.90E+02	2.40E-05	2.62		
129	Dichloropropane, 1,2	l	78-87-5	O	112.99	1.17E-01	1.77	-----	7.82E-02	8.73E-06	2.80E+03	5.00E+01	2.25		
130	Dichloro-1-propanol, 2,3-	l	616-23-9	O	128.99	3.97E-05	1.53	-----	4.84E-02	9.84E-06	2.95E+05	5.82E-01	0.78		
131	Dichloropropene, 1,3-	l	542-75-6	O	110.97	1.23E-01	1.72	-----	6.26E-02	1.00E-05	1.55E+03	3.12E+01	1.75		
132	Dichloropropene, 1,3-cis	l	10061-01-5	O	110.97	9.15E-02	1.65	-----	7.94E-02	8.00E-06	2.70E+03	3.70E+01	1.53		
133	Dichloropropene, 1,3-trans	l	10061-02-6	O	110.97	9.15E-02	1.65	-----	7.94E-02	9.20E-06	2.80E+03	3.00E+01	1.53		
134	Dichlorvos	l	62-73-7	O	220.98	3.98E-05	9.59	-----	2.32E-02	7.80E-06	1.60E+04	5.27E-02	1.40		
135	Dieldrin	s	60-57-1	O	380.91	1.11E-04	4.33	-----	1.25E-02	4.74E-06	1.95E-01	9.96E-07	5.45		
136	Diethylhexyl adipate	l	103-23-1	O	370.57	9.78E-01	5.58	-----	3.56E-02	3.72E-06	1.71E-03	8.25E-05	8.12		
137	Diethyl phthalate	l	84-66-2	O	222.24	1.87E-05	2.18	-----	2.56E-02	6.35E-06	1.08E+03	1.65E-03	2.65		
138	Diethylstilbestrol	s	56-53-1	O	268.36	2.62E-13	4.88	-----	4.43E-02	8.00E-06	1.30E+04	1.06E-09	5.64		
139	Dimethoate	s	60-51-5	O	229.26	2.58E-09	0.63	-----	8.00E-02	8.00E-06	2.50E+04	5.09E-06	0.28		
140	Dimethoxybenzidine, 3,3'-	s	119-90-4	O	244.29	1.66E-08	1.78	-----	2.42E-02	5.50E-06	2.40E+02	2.50E-07	2.08		
141	Dimethylbenzidine, 3,3'-	s	119-93-7	O	212.29	5.40E-09	2.30	-----	5.10E-02	8.00E-06	2.40E+02	3.70E-07	3.02		
142	Dimethylhydrazine, 1,1-	l	57-14-7	O	60.10	4.16E-06	-0.70	-----	1.06E-01	1.04E-05	1.24E+08	1.57E+02	-1.19		
143	Dimethylhydrazine, 1,2-	l	540-73-8	O	60.10	1.72E-04	0.59	-----	1.04E-01	1.10E-05	1.18E+07	6.63E+01	-0.54		
144	Dimethyl phenol, 2,4-	s	105-67-9	O	122.17	8.31E-05	2.07	-----	5.84E-02	8.69E-06	6.20E+03	1.26E-01	2.61		
145	Dimethyl phthalate	l	131-11-3	O	194.19	2.40E-05	1.50	-----	5.68E-02	6.30E-06	4.19E+03	9.12E-03	1.66		
146	Dinitrobenzene, 1,3-	s	99-65-0	O	168.11	4.57E-06	1.48	-----	2.80E-01	7.60E-06	5.40E+02	2.49E-04	1.63		
147	Dinitrobenzene, 1,4-	s	100-25-4	O	168.11	4.44E-06	1.42	-----	6.15E-02	7.18E-06	1.00E+02	4.83E-05	1.63		
148	Dinitrophenol, 2,4-	s	51-28-5	OA	184.11	2.01E-07	-2.00	-----	2.73E-02	9.06E-06	5.80E+03	1.14E-04	1.73		
149	Dinitrotoluene, 2,4-	s	121-14-2	O	182.14	3.60E-05	1.71	-----	2.03E-01	7.06E-06	2.85E+02	1.74E-04	2.18		
150	Dinitrotoluene, 2,6-	s	606-20-2	O	182.14	3.11E-05	1.62	-----	3.27E-02	7.26E-06	1.82E+02	5.70E-04	2.18		
151	Dinoseb	s	88-85-7	O	240.22	2.08E-02	3.08	-----	2.25E-02	6.25E-06	5.20E+01	7.52E-02	3.67		
152	Dioxane, 1,4-	l	123-91-1	O	88.11	2.04E-04	-0.27	-----	2.30E-01	1.00E-05	9.00E+05	3.80E+01	-0.32		

	COMPOUND	Physical State	CAS number	Type	M.W. (g/mole)	H' (cm <sup>3</sup> -H <sub>2</sub> O/cm <sup>3</sup> -air)	LogK <sub>oc</sub>	Log K <sub>d</sub>	D <sub>air</sub> (cm <sup>2</sup> /s)	D <sub>wat</sub> (cm <sup>2</sup> /s)	Solubility (mg/l)	Vapor Pressure (mm Hg)	Log K <sub>ow</sub>	Br <sub>Abg</sub> (g soil/g D.W.)	Br <sub>Bg</sub> (g soil/g D.W.)
153	TCDDioxins, 2,3,7,8-	s	1746-01-6	O	321.97	1.47E-03	7.15	-----	4.70E-02	8.00E-06	1.93E-05	7.40E-10	7.02		
154	TCDDioxins, 1,2,3,7-	s	67028-18-6	O	321.97	3.16E-04	5.98	-----	4.80E-02	5.28E-06	4.20E-05	5.25E-08	6.91		
155	TCDDioxins, 1,3,6,8-	s	33423-92-6	O	321.97	2.91E-04	4.36	-----	4.80E-02	5.28E-06	3.20E-04	5.25E-09	7.20		
156	TCDDioxins, 1,2,3,4-	s	30746-58-8	O	321.97	1.55E-03	CE	-----	4.80E-02	5.28E-06	4.70E-04	4.73E-08	7.18		
157	PeCDDioxins, 1,2,3,7,8-	s	40321-76-4	O	356.42	1.08E-04	5.70	-----	4.64E-02	5.07E-06	1.20E-04	9.48E-10	7.56		
158	PeCDDioxins, 1,2,3,4,7-	s	39227-61-7	O	356.42	1.08E-04	5.80	-----	4.64E-02	5.07E-06	1.20E-04	7.50E-10	7.56		
159	HxCDDioxins, 1,2,3,4,7,8-	s	39227-28-6	O	390.86	1.85E-03	6.02	-----	4.49E-02	4.87E-06	4.42E-06	8.80E-11	8.21		
160	HpCDDioxins, 1,2,3,4,6,7,8-	s	35822-46-9	O	425.31	3.12E-04	7.00	-----	4.35E-02	4.70E-06	2.40E-06	3.21E-11	8.85		
161	OCDDioxins	s	3268-87-9	O	459.75	2.80E-04	7.08	-----	4.30E-02	4.54E-06	4.00E-07	8.25E-13	9.50		
162	Diphenylamine	s	122-39-4	O	169.23	1.83E-04	2.54	-----	6.80E-02	6.30E-06	3.00E+02	4.26E-03	3.29		
163	Diphenylhydrazine, 1,2-	s	122-66-7	O	184.24	1.42E-07	2.82	-----	5.62E-02	5.70E-06	1.84E+03	2.60E-05	3.06		
164	Diquat dibromide	s	85-00-7	O	344.05	2.69E-12	2.31	-----	5.52E-02	5.52E-06	7.00E+05	1.00E-07	-2.82		
165	Disulfoton	s	298-04-4	O	274.41	2.58E-04	3.95	-----	8.00E-02	8.00E-06	1.60E+01	2.30E-04	3.86		
166	Diuron	s	330-54-1	O	233.10	3.04E-08	2.63	-----	5.40E-02	5.30E-06	4.20E+01	1.00E-07	2.67		
167	Endosulfan	s	115-29-7	O	406.93	4.66E-04	2.87	-----	1.15E-02	4.55E-06	5.10E-01	9.96E-06	3.84		
168	Endothall	s	145-73-3	O	230.13	1.08E-08	1.93	-----	CE	CE	1.00E+05	1.80E-04	1.89		
169	Endrin	s	72-20-8	O	380.91	4.95E-05	3.97	-----	1.25E-02	4.74E-06	2.50E-01	5.84E-07	5.45		
170	Epichlorohydrin	l	106-89-8	O	92.53	1.37E-03	0.30	-----	8.60E-02	9.80E-06	6.60E+04	1.67E+01	0.63		
171	Ethion	l	563-12-2	O	384.48	2.87E-05	4.19	-----	CE	CE	1.20E+00	1.50E-06	4.75		
172	Ethoxy ethanol, 2-	l	110-80-5	O	90.12	1.04E-05	2.10E-01	-----	7.77E-02	8.30E-06	5.29E+05	1.12E+00	1.66E-01		
173	Ethoxyethanol acetate, 2-	l	111-15-9	O	132.16	3.77E-05	0.20	-----	6.10E-02	7.29E-06	2.30E+05	2.00E+00	0.59		
174	Ethyl acetate	l	141-78-6	O	88.11	5.57E-03	0.72	-----	7.30E-02	9.70E-06	7.90E+04	9.41E+01	0.86		
175	Ethyl acrylate	l	140-88-5	O	100.12	1.06E-02	2.03	-----	7.40E-02	8.68E-06	2.00E+04	2.95E+01	1.22		
176	Ethyl benzene	l	100-41-4	O	106.17	3.28E-01	2.31	-----	7.50E-02	7.80E-06	1.69E+02	9.60E+00	3.03		
177	S-Ethyl dipropylthiocarbamate	l	759-94-4	O	189.32	4.57E-03	2.38	-----	5.35E-02	5.65E-06	3.70E+02	1.60E-01	3.02		
178	Ethyl ether	l	60-29-7	O	74.12	2.70E-02	0.88	-----	7.40E-02	9.30E-06	6.10E+04	5.40E+02	1.05		
179	Ethyl methacrylate	l	97-63-2	O	114.14	6.65E-03	1.57	-----	8.00E-02	8.00E-06	1.90E+04	1.75E+01	1.77		
180	Ethyl-2-methylbenzene, 1-	l	611-14-3	O	120.19	2.19E-01	3.03	-----	6.76E-02	7.29E-06	7.46E+01	2.48E+00	3.53		

	COMPOUND	Physical State	CAS number	Type	M.W. (g/mole)	H' (cm <sup>3</sup> -H <sub>2</sub> O/cm <sup>3</sup> -air)	LogK <sub>oc</sub>	Log K <sub>d</sub>	D <sub>air</sub> (cm <sup>2</sup> /s)	D <sub>wat</sub> (cm <sup>2</sup> /s)	Solubility (mg/l)	Vapor Pressure (mm Hg)	Log K <sub>ow</sub>	Br <sub>Abg</sub> (g soil/g D.W.)	Br <sub>Bg</sub> (g soil/g D.W.)
181	Ethyl-4-methylbenzene, 1-	l	622-96-8	O	120.19	3.27E-01	3.07	---	6.70E-02	7.18E-06	9.49E+01	2.95E+00	3.58		
182	Ethylenediamine	l	107-15-3	O	60.10	7.19E-08	0.67	-----	1.53E-01	1.12E-05	7.95E+06	1.10E+01	-1.62		
183	Ethylene dibromide	l	106-93-4	O	187.86	2.93E-02	1.73	-----	2.17E-02	1.90E-05	4.32E+03	1.10E+01	2.01		
184	Ethylene glycol	l	107-21-1	O	62.07	2.49E-06	-0.90	-----	1.08E-01	1.22E-05	1.00E+06	7.00E-02	-1.20		
185	Ethylene oxide	g	75-21-8	O	44.05	4.92E-03	0.34	-----	1.04E-01	1.45E-05	3.83E+05	1.32E+03	-0.05		
186	Ethylene thiourea	s	96-45-7	O	102.16	4.99E-05	-0.66	-----	7.15E-02	1.02E-05	1.20E+04	8.36E-02	-0.49		
187	Fluoranthene	s	206-44-0	O	202.26	3.88E-04	4.69	-----	3.02E-02	6.35E-06	2.60E-01	8.13E-06	4.93		
188	Fluorene	s	86-73-7	O	166.22	2.64E-03	3.88	-----	3.63E-02	7.88E-06	1.98E+00	3.24E-03	4.02		
189	Fluorine (soluble Fluoride)	g	7782-41-4	I	38.00	CE	-----	2.18	CE	CE	NA/reacts	7.60E+02	0.22		
190	Formaldehyde	g	50-00-0	O	30.03	1.37E-05	0.34	-----	1.80E-01	2.00E-05	5.50E+05	3.88E+03	0.35		
191	Formic acid	l	64-18-6	O	46.03	1.79E-04	-0.54	-----	7.90E-02	1.40E-06	1.00E+06	4.10E+01	-0.46		
192	TCDFurans, 2,3,7,8-	s	51207-31-9	O	305.98	6.16E-04	5.20	-----	4.86E-02	5.41E-06	4.19E-04	1.50E-08	6.29		
193	PeCDFuran, 1,2,3,7,8-	s	57117-41-6	O	340.42	2.11E-04	6.73	-----	4.69E-02	5.18E-06	2.40E-04	2.72E-09	6.94		
194	PeCDFuran, 2,3,4,7,8-	s	57117-31-4	O	340.42	2.44E-04	7.40	-----	4.69E-02	5.18E-06	2.36E-04	2.63E-09	6.94		
195	HxCDFurans, 1,2,3,4,7,8-	s	70648-26-9	O	374.87	5.97E-04	7.40	-----	4.50E-02	4.97E-06	8.25E-06	2.40E-10	7.92		
196	HxCDFurans, 1,2,3,6,7,8-	s	57117-44-9	O	374.87	2.54E-04	7.55	-----	4.50E-02	4.97E-06	1.77E-05	2.20E-10	7.92		
197	HxCDFurans, 2,3,4,6,7,8-	s	60851-34-5	O	374.87	1.70E-03	7.54	-----	4.50E-02	4.97E-06	1.30E-05	2.00E-10	7.92		
198	HpCDFurans, 1,2,3,4,6,7,8-	s	67562-39-4	O	409.31	1.54E-03	6.37	-----	4.30E-02	4.79E-06	1.35E-06	3.82E-10	8.23		
199	HpCDFurans, 1,2,3,4,7,8,9-	s	55673-89-7	O	409.31	1.58E-03	5.00	-----	4.30E-02	4.79E-06	1.40E-06	1.07E-10	6.90		
200	OCDFurans	s	39001-02-0	O	443.76	7.90E-05	6.75	-----	4.27E-02	4.62E-06	1.20E-06	3.75E-12	8.87		
201	Furan	l	110-00-9	O	68.08	2.24E-01	1.32	-----	1.04E-01	1.20E-05	1.00E+04	6.00E+02	1.36		
202	Fufural	l	98-01-1	O	96.09	1.25E-04	0.44	-----	8.72E-02	1.12E-05	8.60E+04	2.00E+00	0.83		
203	Glycidylaldehyde	l	765-34-4	O	72.06	1.08E-05	0.96	-----	9.64E-02	1.16E-05	8.55E+07	2.70E+01	-0.12		
204	Heptachlor	s	76-44-8	O	373.32	2.44E-02	4.07	-----	1.12E-02	5.69E-06	1.80E-01	3.26E-04	6.21		
205	Heptachlor epoxide	s	1024-57-3	O	389.32	3.45E-04	3.86	-----	1.32E-02	4.23E-06	2.75E-01	4.34E-06	4.91		
206	Hexachlorobenzene	s	118-74-1	O	284.78	2.22E-02	4.45	-----	5.42E-02	5.91E-06	6.00E-03	1.23E-05	5.86		
207	Hexachloro-1,3-butadiene	l	87-68-3	O	260.76	9.94E-01	3.84	-----	5.61E-02	6.16E-06	2.55E+00	1.77E-01	4.72		

	COMPOUND	Physical State	CAS number	Type	M.W. (g/mole)	H' (cm <sup>3</sup> -H <sub>2</sub> O/cm <sup>3</sup> -air)	LogK <sub>oc</sub>	Log K <sub>d</sub>	D <sub>air</sub> (cm <sup>2</sup> /s)	D <sub>wat</sub> (cm <sup>2</sup> /s)	Solubility (mg/l)	Vapor Pressure (mm Hg)	Log K <sub>ow</sub>	Br <sub>Abg</sub> (g soil/g D.W.)	Br <sub>Bg</sub> (g soil/g D.W.)
208	Hexachlorocyclohexane, techn	CE	608-73-1	O	290.83	5.99E-05	3.38	-----	1.42E-02	7.34E-06	4.35E+01	1.64E-04	4.26		
209	Hexachlorocyclohexane, alpha	s	319-84-6	O	290.83	2.82E-04	3.12	-----	1.42E-02	7.34E-06	2.00E+00	4.26E-05	4.26		
210	Hexachlorocyclohexane, beta	s	319-85-7	O	290.83	1.44E-05	3.14	-----	1.42E-02	7.34E-06	5.42E-01	4.90E-07	4.26		
211	Hexachlorocyclohexane, gamma	s	58-89-9	O	290.83	1.41E-04	3.04	-----	1.42E-02	7.34E-06	5.75E+00	3.72E-05	4.26		
212	Hexachlorocyclopentadiene	l	77-47-4	O	273.78	7.15E-01	3.98	-----	1.61E-02	7.21E-06	1.80E+00	7.32E-02	4.63		
213	Hexachloroethane	s	67-72-1	O	236.74	1.62E-01	3.26	-----	2.50E-03	6.80E-06	5.00E+01	4.72E-01	4.03		
214	Hexachlorophene	s	70-30-4	O	406.91	2.54E-09	7.30	-----	8.00E-02	8.00E-06	3.00E-03	2.74E-12	6.92		
215	Hexane, n-	l	110-54-3	O	86.18	4.66E+01	2.68	-----	2.00E-01	7.77E-06	1.30E+01	1.52E+02	3.29		
216	Hexazinone	s	51235-04-2	O	252.32	8.62E-11	1.57	-----	5.08E-02	5.11E-06	3.30E+04	2.03E-07	2.15		
217	Hydrazine	l	302-01-2	O	32.05	7.20E-08	-1.00	-----	4.16E-01	1.90E-05	3.41E+08	1.40E+01	-1.47		
218	Hydrogen chloride	g	7647-01-0	I	36.46	9.30E-02	-----	CE	1.67E-01	2.05E-05	6.60E+05	3.08E+04	0.54		
219	Hydrogen cyanide	g	74-90-8	I	27.03	5.40E-03	-----	CE	1.73E-01	1.96E-05	1.00E+06	6.20E+02	-0.69		
220	Hydrogen sulfide	g	7783-06-4	I	34.08	9.56E-01	-----	CE	1.76E-01	1.61E-05	4.13E+03	1.52E+04	0.23		
221	Indene	l	95-13-6	O	116.16	2.08E-02	2.50	-----	6.82E-02	7.97E-06	3.90E+02	1.30E+00	2.80		
222	Indeno-(1,2,3-cd)-pyrene	s	193-39-5	O	276.34	2.85E-06	6.54	-----	1.90E-02	5.66E-06	3.75E-03	1.40E-10	6.70		
223	Isobutyl alcohol	l	78-83-1	O	74.12	4.99E-04	0.75	-----	8.60E-02	8.00E-06	9.49E+04	1.00E+01	0.77		
224	Isophorone	l	78-59-1	O	138.21	2.57E-04	1.48	-----	6.23E-02	6.76E-06	1.20E+04	4.10E-01	2.62		
225	Kepone	s	143-50-0	O	490.64	1.04E-06	4.43	-----	4.22E-02	4.30E-06	7.60E+00	2.25E-07	4.91		
226	Lead	s	7439-92-1	M	207.20	0.00E+00	-----	1.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.73		
227	Malathion	l	121-75-5	O	330.36	9.98E-07	2.46	-----	1.50E-02	4.40E-06	1.45E+02	7.90E-06	2.29		
228	Maleic anhydride	s	108-31-6	O	98.06	8.31E-06	1.41	-----	9.50E-02	1.11E-05	8.65E+02	1.34E-03	1.62		
229	Maleic hydrazide	s	123-33-1	O	112.09	< 1.03E-10	1.40	-----	8.75E-02	8.75E-06	6.00E+03	< 7.50E-08	-0.89		
230	Malononitrile	s	109-77-3	O	66.06	1.97E-07	0.69	-----	9.97E-02	1.09E-05	6.96E+06	3.79E-01	-0.18		
231	Manganese	s	7439-96-5	M	54.94	0.00E+00	-----	1.70	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00	1.00E-01	5.00E-02
232	Mercury	l	7439-97-6	M	200.59	4.74E-01	-----	-1.40	3.07E-02	6.30E-06	3.00E-02	1.30E-03	-0.47	5.50E-03	1.40E-02
233	Methacrylonitrile	l	126-98-7	O	67.09	3.03E-03	0.53	-----	8.00E-02	8.00E-06	2.50E+04	6.80E+01	0.76		
234	Methanol	l	67-56-1	O	32.04	1.94E-04	-0.74	-----	1.50E-01	1.64E-05	1.00E+06	1.22E+02	-0.63		
235	Methomyl	s	16752-77-5	O	162.21	7.48E-09	2.20	-----	4.07E-02	7.20E-06	5.80E+04	5.00E-05	0.61		
236	Methoxychlor	s	72-43-5	O	345.65	6.57E-04	4.89	-----	1.56E-02	4.46E-06	4.50E-02	1.23E-06	5.67		
237	Methoxyethanol	l	109-86-4	O	76.10	1.28E+00	0.93	-----	9.15E-02	1.02E-05	2.01E+01	6.20E+00	-0.91		



	COMPOUND	Physical State	CAS number	Type	M.W. (g/mole)	H' (cm <sup>3</sup> -H <sub>2</sub> O/cm <sup>3</sup> -air)	LogK <sub>oc</sub>	Log K <sub>d</sub>	D <sub>air</sub> (cm <sup>2</sup> /s)	D <sub>wat</sub> (cm <sup>2</sup> /s)	Solubility (mg/l)	Vapor Pressure (mm Hg)	Log K <sub>ow</sub>	Br <sub>Abg</sub> (g soil/g D.W.)	Br <sub>Bg</sub> (g soil/g D.W.)
238	Methoxyethanol acetate	l	110-49-6	O	118.13	1.28E+00	1.40	-----	7.22E-02	8.10E-06	3.52E+01	7.00E+00	0.10		
239	Methyl ethyl ketone	l	78-93-3	O	72.11	1.94E-03	0.28	-----	8.08E-02	9.80E-06	2.40E+05	9.10E+01	0.26		
240	Methyl isobutyl ketone	l	108-10-1	O	100.16	5.82E-03	1.18	-----	7.50E-02	7.80E-06	1.90E+04	1.45E+01	1.16		
241	Methyl mercury	CE	22967-92-6	I	215.62	CE	-----	CE	CE	CE	CE	CE	0.08		
242	Methyl methacrylate	l	80-62-6	O	100.12	1.33E-02	1.36	-----	7.70E-02	8.60E-06	1.60E+04	3.80E+01	1.28		
243	Methyl naphthalene, 1-	s	90-12-0	O	142.20	1.64E-02	3.36	-----	6.31E-02	7.13E-06	2.80E+01	6.62E-02	3.72		
244	Methyl naphthalene, 2-	s	91-57-6	O	142.20	1.85E-02	3.64	-----	6.29E-02	7.20E-06	2.54E+01	6.75E-02	3.72		
245	Methyl parathion	s	298-00-0	O	263.21	5.82E-06	2.81	-----	8.00E-02	8.00E-06	5.00E+01	1.52E-05	2.75		
246	Methylene-bis (2-chloroaniline), 4,4'-	s	101-14-4	O	267.16	1.40E-05	3.90	-----	1.99E-02	5.80E-06	7.24E+01	6.94E-05	3.47		
247	Methylene bromide	l	74-95-3	O	173.83	3.49E-02	2.26	-----	8.00E-02	8.00E-06	1.10E+04	4.56E+01	1.52		
248	Methylene chloride	l	75-09-2	O	84.93	9.10E-02	1.07	-----	1.01E-01	1.17E-05	1.54E+04	4.55E+02	1.34		
249	Molinate	l	2212-67-1	O	187.31	5.25E-05	1.70	-----	5.65E-02	6.00E-06	9.00E+02	5.60E-03	2.91		
250	Molybdenum	s	7439-98-7	M	95.94	0.00E+00	-----	1.30	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00	1.00E-01	6.00E-02
251	MTBE	l	1634-04-4	O	88.15	2.44E-02	1.15	-----	7.92E-02	9.41E-05	4.80E+04	2.49E+02	1.43		
252	Naled	l	300-76-5	O	380.78	2.71E-03	2.12	-----	CE	6.80E-06	1.50E+00	2.00E-04	1.60		
253	Naphthalene	s	91-20-3	O	128.17	2.00E-02	3.19	-----	5.90E-02	7.50E-06	3.14E+01	8.89E-02	3.17		
254	Nickel and compounds (soluble salts)	s	7440-02-0	M	58.69	0.00E+00	-----	1.20	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-0.57	2.50E-02	8.00E-03
255	Nickel, refinery dust	CE	No CASNUM	I	CE	CE	-----	CE	CE	CE	CE	CE	CE	2.50E-02	8.00E-03
256	Nitrate	CE	14797-55-8	I	62.00	CE	-----	CE	CE	CE	CE	CE	0.21		
257	Nitrite	CE	14797-65-0	I	46.01	CE	-----	CE	CE	CE	CE	CE	0.06		
258	Nitroaniline 2-	s	88-74-4	O	138.13	2.08E-05	1.43	-----	5.99E-02	7.18E-06	1.26E+03	4.75E-03	2.02		
259	Nitrobenzene	l	98-95-3	O	123.11	8.56E-04	2.12	-----	7.60E-02	8.60E-06	1.90E+03	2.44E-01	1.81		
260	Nitropropane, 2-	l	79-46-9	O	89.09	5.15E-03	0.54	-----	9.23E-02	1.01E-05	1.70E+04	1.82E+01	0.87		
261	Nitroso-n-ethylurea, n-	s	759-73-9	O	117.11	1.05E-04	1.51	-----	8.08E-02	8.25E-06	4.85E+04	7.97E-01	-0.02		
262	Nitroso-n-methylurea, n-	CE	684-93-5	O	103.08	1.08E-06	1.23	-----	7.06E-02	1.02E-05	4.21E+06	8.04E-01	-0.52		

	COMPOUND	Physical State	CAS number	Type	M.W. (g/mole)	H' (cm <sup>3</sup> -H <sub>2</sub> O/cm <sup>3</sup> -air)	LogK <sub>oc</sub>	Log K <sub>d</sub>	D <sub>air</sub> (cm <sup>2</sup> /s)	D <sub>wat</sub> (cm <sup>2</sup> /s)	Solubility (mg/l)	Vapor Pressure (mm Hg)	Log K <sub>ow</sub>	Br <sub>Abg</sub> (g soil/g D.W.)	Br <sub>Bg</sub> (g soil/g D.W.)
263	Nitroso-methyl-ethylamine, n-	CE	10595-95-6	O	88.11	3.70E-05	1.32	-----	8.00E-02	8.00E-06	3.00E+05	2.28E+00	-0.15		
264	Nitrosodi-n-butylamine, n-	CE	924-16-3	O	158.24	3.58E-03	2.36	-----	8.00E-02	8.00E-06	1.20E+03	2.89E-01	2.31		
265	Nitrosodi-n-propylamine, n-	s	621-64-7	O	130.19	9.35E-05	1.30	-----	5.45E-02	8.17E-06	9.89E+03	4.00E-01	1.35		
266	Nitrosodiethanolamine	l	1116-54-7	O	134.14	2.05E-09	0.48	-----	7.27E-02	7.70E-06	7.33E+07	5.00E-04	-1.28		
267	Nitrosodiethylamine, N-	l	55-18-5	O	102.14	3.60E-05	0.48	-----	8.00E-02	8.00E-06	1.47E+05	1.42E+00	0.34		
268	Nitrosodimethylamine, N-	l	62-75-9	O	74.08	2.16E-05	0.56	-----	1.34E-01	9.72E-06	1.00E+06	5.37E+00	-0.64		
269	Nitrosodiphenylamine	s	86-30-6	O	198.22	2.08E-04	2.52	-----	3.12E-02	6.35E-06	3.51E+01	9.88E-02	3.16		
270	Nitrosopyrrolidine, n-	l	930-55-2	O	100.12	7.48E-07	-0.19	-----	8.00E-02	8.00E-06	7.80E+05	1.75E-01	0.23		
271	Nitrotoluene, m	l	99-08-1	O	137.14	2.24E-03	2.15	-----	6.42E-02	7.69E-06	4.98E+02	1.50E-01	2.36		
272	Nitrotoluene, o	l	88-72-2	O	137.14	1.87E-03	2.15	-----	6.47E-02	7.73E-06	6.00E+02	1.50E-01	2.36		
273	Nitrotoluene, p	s	99-99-0	O	137.14	2.29E-03	2.15	-----	6.40E-02	7.70E-06	4.00E+02	1.20E-01	2.36		
274	Octamethylpyrrophosphoramide	l	152-16-9	O	286.25	1.16E-08	-0.51	-----	8.00E-02	8.00E-06	1.00E+06	9.88E-04	-1.01		
275	Oxamyl	s	23135-22-0	O	219.26	1.60E-11	0.70	-----	5.57E-02	5.75E-06	2.80E+05	3.83E-07	-1.20		
276	Parathion	s	56-38-2	O	291.26	2.37E-05	3.75	-----	1.70E-02	5.80E-06	1.18E+01	1.73E-05	3.73		
277	Pebulate	l	1114-71-2	O	203.35	9.85E-04	2.63	-----	5.10E-02	5.38E-06	9.20E+01	8.85E-03	3.51		
278	Pentachlorobenzene	s	608-93-5	O	250.34	3.16E-02	4.50	-----	6.70E-02	6.30E-06	6.50E-01	1.67E-03	5.22		
279	Pentachloronitrobenzene	s	82-68-8	O	295.34	2.57E-02	4.11	-----	1.59E-02	6.10E-06	7.11E-02	1.13E-04	5.03		
280	Pentachlorophenol	s	87-86-5	OA	266.34	1.16E-05	2.61	-----	5.60E-02	6.10E-06	1.40E+01	1.70E-05	4.74		
281	Phenanthrene	s	85-01-8	O	178.23	5.40E-03	4.15	-----	3.33E-02	7.47E-06	9.94E-01	6.80E-04	4.35		
282	Phenol	s	108-95-2	O	94.11	2.47E-05	1.24	-----	8.20E-02	9.10E-06	8.70E+04	4.63E-01	1.51		
283	Phenyl mercuric acetate	s	62-38-4	O	336.74	3.41E-09	2.20	-----	8.00E-02	8.00E-06	4.37E+03	3.04E-06	0.89		
284	Phenylene diamine, m-	s	108-45-2	O	108.14	9.56E-07	0.04	-----	6.63E-02	9.90E-06	3.51E+05	2.28E-02	-0.39		
285	Phenylene diamine, p-	s	106-50-3	O	108.14	5.24E-08	0.04	-----	7.15E-02	8.92E-06	3.80E+04	4.60E-03	-0.39		
286	Phorate	l	298-02-2	O	260.38	4.99E-04	3.74	-----	8.00E-02	8.00E-06	4.40E+01	1.30E-03	3.37		
287	Phosphine	g	7803-51-2	I	34.00	1.46E+02	-----	CE	3.81E-01	1.82E-05	4.00E+02	3.14E+04	-0.27		
288	Phosphoric acid	s	7664-38-2	I	98.00	CE	-----	CE	CE	CE	CE	3.00E-02	-0.77		
289	Phosphorus, white	s	7723-14-0	I	123.90	5.65E-02	3.05	-----	CE	CE	3.00E+00	2.50E-02	3.08		
290	Phthalic anhydride	s	85-44-9	O	148.12	2.54E-07	1.90	-----	6.36E-02	7.90E-06	6.20E+03	2.00E-04	2.07		

	COMPOUND	Physical State	CAS number	Type	M.W. (g/mole)	H' (cm <sup>3</sup> -H <sub>2</sub> O/cm <sup>3</sup> -air)	LogK <sub>oc</sub>	Log K <sub>d</sub>	D <sub>air</sub> (cm <sup>2</sup> /s)	D <sub>wat</sub> (cm <sup>2</sup> /s)	Solubility (mg/l)	Vapor Pressure (mm Hg)	Log K <sub>ow</sub>	Br <sub>Abg</sub> (g soil/g D.W.)	Br <sub>Bg</sub> (g soil/g D.W.)
291	Polybrominated biphenyls	s	67774-32-7	O	627.59	1.62E-04	3.33	-----	CE	4.63E-06	1.10E-02	5.20E-08	6.39		
292	Polychlorinated biphenyls	l	1336-36-3	O	290.00	1.75E-02	5.72	-----	1.04E-01	1.00E-05	5.55E-02	7.60E-05	6.30		
293	Potassium cyanide	s	151-50-8	I	65.12	0.00E+00	-----	CE	CE	CE	7.20E+05	0.00E+00	-1.69		
294	Pronamide	s	23950-58-5	O	256.13	3.74E-04	2.30	-----	8.00E-02	8.00E-06	1.50E+01	4.00E-04	3.57		
295	Propargite	l	2312-35-8	O	350.48	1.44E-06	3.75	-----	3.94E-02	4.20E-06	5.00E-01	4.48E-08	3.73		
296	Propargyl alcohol	l	107-19-7	O	56.06	1.34E-05	0.73	-----	1.04E-01	1.24E-05	5.57E+06	1.20E+01	-0.42		
297	Propham	s	122-42-9	O	179.22	5.30E-06	1.71	-----	5.71E-02	6.28E-06	2.50E+02	1.35E-04	2.66		
298	Propylene oxide	l	75-56-9	O	58.08	3.47E-03	0.10	-----	1.04E-01	1.16E-05	4.76E+05	5.32E+02	0.03		
299	Pyrene	s	129-00-0	O	202.26	4.57E-04	4.58	-----	2.72E-02	7.24E-06	1.35E-01	4.25E-06	4.93		
300	Pyridine	l	110-86-1	O	79.10	2.91E-01	0.64	-----	9.10E-02	7.60E-06	3.00E+02	2.00E+01	0.80		
301	Quinoline	l	91-22-5	O	129.16	1.15E-04	2.76	-----	5.46E-02	8.31E-06	6.78E+03	9.60E-02	2.14		
302	Selenious acid	s	7783-00-8	I	128.97	1.27E-05	-----	CE	CE	CE	1.67E+06	3.00E+00	-3.18	1.50E-02	2.20E-02
303	Selenium	s	7782-49-2	M	78.96	0.00E+00	-----	0.34	CE	CE	0.00E+00	0.00E+00	0.24	1.50E-02	2.20E-02
304	Selenourea	CE	630-10-4	O	118.98	CE	CE	-----	CE	CE	CE	CE	-2.63		
305	Silver	s	7440-22-4	M	107.87	0.00E+00	-----	-1.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00	1.70E-01	1.00E-01
306	Sodium azide	s	26628-22-8	I	65.01	CE	-----	CE	CE	CE	4.20E+05	CE	0.86		
307	Sodium cyanide	s	143-33-9	I	49.01	0.00E+00	-----	CE	CE	CE	5.80E+05	0.00E+00	-1.69		
308	Sodium diethyldithiocarbamate	s	148-18-5	O	171.26	CE	CE	-----	CE	CE	CE	CE	0.27		
309	Sodium fluoride	s	7681-49-4	I	41.99	0.00E+00	-----	CE	CE	CE	4.00E+04	0.00E+00	-0.77		
310	Strychnine	s	57-24-9	O	334.42	6.65E-12	1.90	-----	8.00E-02	8.00E-06	1.43E+02	1.67E-10	1.85		
311	Styrene	l	100-42-5	O	104.15	1.14E-01	2.88	-----	7.10E-02	8.00E-06	3.10E+02	6.24E+00	2.90		
312	Tetrachlorobenzene, 1,2,4,5-	s	95-94-3	O	215.89	4.99E-02	3.20	-----	2.11E-02	8.80E-06	3.00E-01	5.40E-03	4.57		
313	Tetrachloroethane, 1,1,1,2-	s	630-20-6	O	167.85	9.98E-02	2.98	-----	7.10E-02	7.90E-06	1.10E+03	1.22E+01	2.93		
314	Tetrachloroethane, 1,1,2,2-	l	79-34-5	O	167.85	1.55E-02	1.89	-----	7.10E-02	7.90E-06	2.97E+03	5.17E+00	2.19		
315	Tetrachloroethylene	l	127-18-4	O	165.83	7.65E-01	2.19	-----	7.20E-02	8.20E-06	2.00E+02	1.84E+01	2.97		
316	Tetrachlorophenol, 2,3,4,6-	s	58-90-2	OA	231.89	2.54E-04	2.02	-----	2.17E-02	7.10E-06	1.00E+02	5.02E-03	4.09		
317	Tetraethyl dithiopyrophosphate	l	3689-24-5	O	322.32	1.75E-04	2.87	-----	1.50E-02	5.50E-06	2.50E+01	1.70E-04	3.98		
318	Tetraethyl lead	l	78-00-2	O	323.45	3.31E+00	3.69	-----	1.32E-02	6.40E-06	8.00E-01	1.50E-01	4.88		
319	Thallium chloride	s	7791-12-0	I	239.84	0.00E+00	-----	CE	CE	CE	2.90E+03	0.00E+00	CE	1.00E-03	4.00E-04
320	Thallium nitrate	s	10102-45-1	I	266.39	7.19E-11	-----	CE	CE	CE	9.55E+04	4.71E-07	CE		

	COMPOUND	Physical State	CAS number	Type	M.W. (g/mole)	H' (cm <sup>3</sup> -H <sub>2</sub> O/cm <sup>3</sup> -air)	LogK <sub>oc</sub>	Log K <sub>d</sub>	D <sub>air</sub> (cm <sup>2</sup> /s)	D <sub>wat</sub> (cm <sup>2</sup> /s)	Solubility (mg/l)	Vapor Pressure (mm Hg)	Log K <sub>ow</sub>	Br <sub>Abg</sub> (g soil/g D.W.)	Br <sub>Bg</sub> (g soil/g D.W.)
321	Thallium sulfate	s	7446-18-6	I	504.83	0.00E+00	-----	CE	CE	CE	4.87E+04	0.00E+00	CE		
322	Thiofanox	s	39196-18-4	O	218.32	3.90E-07	1.77	-----	2.55E-02	6.62E-06	5.20E+03	3.10E-04	2.16		
323	Thiophanatemethyl	s	23564-05-8	O	342.40	< 3.82E-07	0.95	-----	4.55E-02	4.68E-06	3.50E+00	< 7.50E-08	1.50		
324	Thiram	s	137-26-8	O	240.44	< 3.28E-06	2.83	-----	2.25E-02	6.24E-06	3.00E+01	< 7.50E-06	1.70		
325	Tin	s	7440-31-5	M	118.71	0.00E+00	-----	CE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29	1.00E-02	6.00E-03
326	Toluene	l	108-88-3	O	92.14	2.76E-01	2.15	-----	8.70E-02	8.60E-06	5.30E+02	2.82E+01	2.54		
327	Toluenediamine, 2,4-	s	95-80-7	O	122.17	7.48E-08	3.11	-----	8.00E-02	8.00E-06	7.47E+03	8.36E-05	0.16		
328	Toluenediamine, 2,6-	s	823-40-5	O	122.17	5.15E-10	CE	-----	6.87E-02	7.97E-06	4.80E+04	1.98E-05	0.16		
329	Toluene diisocyanate, 2,4/2,6-	l	26471-62-5	O	174.16	6.86E-06	3.35	-----	6.09E-02	6.80E-06	1.11E+05	8.00E-02	3.74		
330	Toluidine, p-	s	106-49-0	O	107.16	3.82E-04	1.40	-----	8.00E-02	8.00E-06	7.20E+03	3.30E-01	1.62		
331	Toxaphene	s	8001-35-2	O	413.81	1.40E-04	4.98	-----	1.16E-02	4.34E-06	7.40E-01	4.19E-06	6.79		
332	TP Silvex, 2,4,5-	s	93-72-1	O	269.51	5.45E-07	3.41	-----	1.94E-02	5.80E-06	1.40E+02	5.20E-06	3.68		
333	Triallate	s	2303-17-5	O	304.67	4.53E-04	3.16	-----	4.58E-02	4.84E-06	4.00E+00	1.20E-04	4.57		
334	Trichloro-1,2,2-trifluoroethane, 1,1,2	l	76-13-1	O	187.38	2.20E+01	3.11	-----	7.80E-02	8.20E-06	2.00E+02	3.60E+02	3.09		
335	Trichlorobenzene, 1,2,4-	l	120-82-1	O	181.45	5.90E-02	3.22	-----	3.00E-02	8.23E-06	4.88E+01	3.36E-01	3.93		
336	Trichloroethane, 1,1,1-	l	71-55-6	O	133.40	7.15E-01	2.04	-----	7.80E-02	8.80E-06	1.33E+03	1.24E+02	2.68		
337	Trichloroethane, 1,1,2-	l	79-00-5	O	133.40	3.80E-02	1.70	-----	7.92E-02	8.80E-06	4.42E+03	2.52E+01	2.01		
338	Trichloroethylene	l	79-01-6	O	131.39	4.28E-01	1.97	-----	7.90E-02	9.10E-06	1.10E+03	7.20E+01	2.47		
339	Trichlorofluoromethane	l	75-69-4	O	137.37	4.03E+00	2.13	-----	8.70E-02	9.70E-06	1.10E+03	6.87E+02	2.13		
340	Trichlorophenol, 2,4,5-	s	95-95-4	OA	197.45	1.78E-04	2.47	-----	2.91E-02	7.03E-06	1.20E+03	1.63E-02	3.45		
341	Trichlorophenol, 2,4,6-	s	88-06-2	OA	197.45	3.19E-04	2.12	-----	3.18E-02	6.25E-06	9.82E+02	1.18E-02	3.45		
342	Trichlorophenoxyacetic acid, 2,4,5-	s	93-76-5	O	255.48	3.62E-07	1.72	-----	8.00E-02	8.00E-06	2.78E+02	3.61E-06	3.26		
343	Trichloropropane, 1,1,2-	l	598-77-6	O	147.43	1.21E+00	2.24	-----	3.96E-02	9.30E-06	4.44E+01	6.64E+00	2.43		
344	Trichloropropane, 1,2,3-	l	96-18-4	O	147.43	1.58E-02	2.59	-----	7.10E-02	7.90E-06	1.90E+03	3.70E+00	2.50		
345	Triethylamine	l	121-44-8	O	101.19	1.99E-02	1.12	-----	7.54E-02	7.51E-06	1.50E+04	5.00E+01	1.51		
346	Trifluralin	s	1582-09-8	O	335.28	2.01E-03	4.14	-----	1.49E-02	4.70E-06	6.00E-01	1.10E-04	5.31		

	COMPOUND	Physical State	CAS number	Type	M.W. (g/mole)	H' (cm <sup>3</sup> -H <sub>2</sub> O/cm <sup>3</sup> -air)	LogK <sub>oc</sub>	Log K <sub>d</sub>	D <sub>air</sub> (cm <sup>2</sup> /s)	D <sub>wat</sub> (cm <sup>2</sup> /s)	Solubility (mg/l)	Vapor Pressure (mm Hg)	Log K <sub>ow</sub>	Br <sub>Abg</sub> (g soil/g D.W.)	Br <sub>Bg</sub> (g soil/g D.W.)
347	Trimethylbenzene, 1,2,3-	l	526-73-8	O	120.19	1.33E-01	2.77	-----	6.77E-02	7.41E-06	7.52E+01	1.49E+00	3.55		
348	Trinitrobenzene, 1,3,5-	s	99-35-4	O	213.11	2.87E-06	1.15	-----	8.00E-02	8.00E-06	3.53E+02	9.90E-05	1.45		
349	Trinitrophenylmethylnitramine, 2,4,6-	s	479-45-8	O	287.15	8.31E-11	2.37	-----	5.69E-02	6.40E-06	7.50E+01	4.00E-10	2.04		
350	Trinitrotoluene, 2,4,6-	s	118-96-7	O	227.13	1.90E-05	2.48	-----	5.41E-02	6.57E-06	1.30E+02	1.24E-04	1.99		
351	Uranium	s	7440-61-1	M	238.03	0.00E+00	-----	3.47	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00	5.00E-03	4.00E-03
352	Vanadium	s	7440-62-2	M	50.94	0.00E+00	-----	3.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00	3.60E-03	3.00E-03
353	Vanadium pentoxide	s	1314-62-1	I	181.88	0.00E+00	-----	CE	CE	CE	8.00E+03	0.00E+00	CE	3.60E-03	3.00E-03
354	Vernam	l	1929-77-7	O	203.35	7.36E-04	3.44	-----	5.10E-02	5.39E-06	9.85E+01	1.04E-02	3.51		
355	Vinyl acetate	l	108-05-4	O	86.09	2.29E-02	0.72	-----	8.50E-02	9.20E-06	2.00E+04	1.09E+02	0.73		
356	Vinyl chloride	g	75-01-4	O	62.50	3.49E+00	1.04	-----	1.06E-01	1.23E-05	2.76E+03	2.80E+03	1.62		
357	Warfarin	s	81-81-2	O	308.33	1.15E-07	2.96	-----	1.63E-02	4.40E-06	1.70E+01	1.16E-07	3.20		
358	Xylenes	l	1330-20-7	O	106.17	2.93E-01	2.38	-----	7.40E-02	8.50E-06	1.98E+02	8.06E+00	3.09		
359	Xylene, m-	l	108-38-3	O	106.17	3.05E-01	2.29	-----	7.00E-02	7.80E-06	1.60E+02	8.00E+00	3.20		
360	Xylene, o-	l	95-47-6	O	106.17	7.36E-04	2.11	-----	8.70E-02	1.00E-05	1.78E+02	6.75E+00	3.13		
361	Xylene, p-	l	106-42-3	O	106.17	3.18E-01	2.49	-----	7.69E-02	8.44E-06	1.85E+02	8.76E+00	3.17		
362	Zinc	s	7440-66-6	M	65.39	0.00E+00	-----	1.20	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-0.47	9.00E-02	4.40E-02
363	Zinc cyanide	s	557-21-1	I	117.43	CE	-----	1.60	CE	CE	0.00E+00	CE	-2.31		
364	Zinc phosphide	s	1314-84-7	I	258.12	0.00E+00	-----	1.60	CE	CE	0.00E+00	0.00E+00	CE		
365	6 C aliphatics (TPH)	l	---	O	81	3.3E+01	2.9	-----	1.0E-01	1.0E-05	3.6E+01	2.7E+02	---		
366	> 6-8 C aliphatics (TPH)	l	---	O	100	5.0E+01	3.6	-----	1.0E-01	1.0E-05	5.4E+00	4.8E+01	---		
367	> 8-10 C aliphatics (TPH)	l	---	O	130	8.0E+01	4.5	-----	1.0E-01	1.0E-05	4.3E-01	4.8E+00	---		
368	> 10-12 C aliphatics (TPH)	l	---	O	160	1.2E+02	5.4	-----	1.0E-01	1.0E-05	3.4E-02	4.8E-01	---		
369	> 12-16 C aliphatics (TPH)	l	---	O	200	5.2E+02	6.7	-----	1.0E-01	1.0E-05	7.6E-04	3.6E-02	---		
370	> 16-35 C aliphatics (TPH)	l	---	O	270	4.9E+03	8.8	-----	1.0E-01	1.0E-05	2.5E-06	8.4E-04	---		
371	5-7 C aromatics (TPH) - Benzene	l	---	O	78	2.27E-01	1.82	-----	8.8E-02	9.8E-06	1.77E+03	9.50E+01	---		
372	> 7-8 C aromatics (TPH) - Toluene	l	---	O	92	2.76E-01	2.15	-----	8.7E-02	8.6E-06	5.30E+02	2.82E+01	---		

	COMPOUND	Physical State	CAS number	Type	M.W. (g/mole)	H' (cm <sup>3</sup> -H <sub>2</sub> O/cm <sup>3</sup> -air)	LogK <sub>oc</sub>	Log K <sub>d</sub>	D <sub>air</sub> (cm <sup>2</sup> /s)	D <sub>wat</sub> (cm <sup>2</sup> /s)	Solubility (mg/l)	Vapor Pressure (mm Hg)	Log K <sub>ow</sub>	Br <sub>Abg</sub> (g soil/g D.W.)	Br <sub>Bg</sub> (g soil/g D.W.)
370	> 8-10 C aromatics (TPH)	l	---	O	120	4.8E-01	3.2	-----	1.0E-01	1.0E-05	6.5E+01	4.8E+00	---		
371	> 10-12 C aromatics (TPH)	l	---	O	130	1.4E-01	3.4	-----	1.0E-01	1.0E-05	2.5E+01	4.8E-01	---		
375	> 12-16 C aromatics (TPH)	l	---	O	150	5.3E-02	3.7	-----	1.0E-01	1.0E-05	5.8E+00	3.6E-02	---		
376	> 16-21 C aromatics (TPH)	l	---	O	190	1.3E-02	4.2	-----	1.0E-01	1.0E-05	6.5E-01	8.4E-04	---		
377	> 21-35 C aromatics (TPH)	s	---	O	240	6.7E-04	5.1	-----	1.0E-01	1.0E-05	6.6E-03	3.3E-07	---		
Legend															
s	compound solid at @ 20 °C							D <sub>air</sub>	Diffusion coefficient in air (cm <sup>2</sup> /s)						
l	compound liquid at @ 20 °C							D <sub>wat</sub>	Diffusion coefficient in water (cm <sup>2</sup> /s)						
g	compound gaseous at @ 20 °C							K <sub>ow</sub>	Octanol-water partition coefficient (cm <sup>3</sup> -H <sub>2</sub> O/cm <sup>3</sup> -Octanol)						
H'	Dimensionless Henry's Law Constant H' = H x 41.57 @ 20 °C (cm <sup>3</sup> -H <sub>2</sub> O/cm <sup>3</sup> -air)							Br <sub>Abg</sub>	Soil-to-above ground plant biotransfer factor (g soil/g plant tissue dry weight)						
H	Henry's Law Constant (atm-m <sup>3</sup> /mole)							Br <sub>Bg</sub>	Soil-to-below ground plant biotransfer factor (g soil/g plant tissue dry weight)						
MW	Molecular Weight (g/mole)							Type	O: Organic, I: Inorganic, M: Metal, OA: Organic Acids						
K <sub>oc</sub>	Soil organic carbon-water partition coefficient (cm <sup>3</sup> -H <sub>2</sub> O/g-Carbon)							CE	Not found, Can not estimate						
K <sub>d</sub>	Soil-water partition coefficient (cm <sup>3</sup> -H <sub>2</sub> O/g-Soil)							NA/reacts	Not applicable because reacts with water						
								<i>Values in italic</i>	Estimated by TCEQ						