

Table 10.3 continued

Compound	Solubility (ppm)	K_{oc} (mL/g)	Mobility Class
4-methylphenol (<i>p</i> -cresol)	24000.	17	very high
pentanoic acid	24000.	17	very high
cyclohexanone	23000.	18	very high
4-methyl-2-pentanone	19000.	20	very high
2, 4-dimethyl phenol	17000.	21	very high
4-methyl-2-pentanol	17000.	21	very high
methylene chloride	13200.	25	very high
isophorone	12000.	26	very high
phenol	82000.	27	very high
2-chlorophenol	11087.	27	very high
hexanoic acid	11000.	28	very high
chloroform	7840	34	very high
1,2-dichloroethane	8450.	36	very high
1,2-trans-dichloroethene	6300.	39	very high
chloroethane	5700.	42	very high
5-methyl-2-hexanone	5400.	43	very high
chloromethane	5380.	43	very high
1,1-dichloroethane	5100.	45	very high
1,1,2-trichloroethane	4420.	49	very high
1,2-dichloropropane	3570.	51	high
benzoic acid	2900.	64	high
octanoic acid	2500.	70	high
heptanoic acid	2410.	71	high
1,1,2,2-tetrachloroethane	3230.	88	high
benzene	1780.	97	high
diethyl phthalate	1000.	123	high
2-nonanol	1000.	123	high
bromodichloromethane	900.	131	high
3-methylbenzoic acid	850.	136	high
trichloroethene	1100.	152	moderate
1,1,1-trichloroethane	700.	155	moderate
di- <i>n</i> -butyl phthalate	400.	217	moderate
1,1-dichloroethene	400.	217	moderate
carbon tetrachloride	800.	232	moderate
2-butanone (methyl ethyl ketone)	353.	235	moderate
4-methylbenzoic acid	340.	240	moderate
toluene	500.	242	moderate
tetrachloroethylene	200.	303	moderate
chlorobenzene	448.	318	moderate
1,2-dichlorobenzene	148.	343	moderate
<i>o</i> -xylene	170.	363	moderate
1,2,2-trifluoro-1,1,2-trichloroethane		372	moderate
styrene	162.	380	moderate
1,3-dichlorobenzene	118.	463	moderate
fluorotrichloromethane	110.	476	moderate
4,6-dinitro-2-methylphenol		477	moderate
<i>p</i> -xylene	156.	552	low
<i>m</i> -xylene	146.	588	low
1,4-dichlorobenzene	79.	594	low
ethyl benzene	150.	622	low
pentachlorophenol	14.	900	low