

RISK-BASED CONCENTRATIONS FOR INDIVIDUAL CHEMICALS (This table shows the lower of non-carcinogenic and carcinogenic RBCs and should be used for most screening purposes instead of the Excel version.)

| Contaminated Medium | SOIL mg/Kg (ppm) | | | | | | | | | | SOIL mg/Kg (ppm) | | | SOIL mg/Kg (ppm) | | | SOIL mg/Kg (ppm) | | | GROUNDWATER (µg/L (ppb)) | | | |
|---|---|---------|-------------------|---------|--------------|---------|---------------------|---------|-------------------|---------|--|-------------------|--------------|---|-------------------|--------------|--|-------------------|--------------|---|-------------------|--------------|-------|
| | Soil Ingestion, Dermal Contact, and Inhalation (RBC _{SS}) | | | | | | | | | | Volatilization to Outdoor Air (RBC _{SO}) | | | Vapor Intrusion into Buildings (RBC _{SI}) | | | Leaching to Groundwater (RBC _{SW}) | | | Ingestion & Inhalation from Tapwater (RBC _{TW}) | | | |
| | Residential | | Urban Residential | | Occupational | | Construction Worker | | Excavation Worker | | Residential | Urban Residential | Occupational | Residential | Urban Residential | Occupational | Residential | Urban Residential | Occupational | Residential | Urban Residential | Occupational | |
| Exposure Pathway | DC | | DC | | DC | | DC | | DC | | IVS | IVS | IVS | IVS | IVS | IVS | IS | IS | IS | DS | DS | DS | |
| Receptor Scenario | Note | Note | Note | Note | Note | Note | Note | Note | Note | Note | Note | Note | Note | Note | Note | Note | Note | Note | Note | Note | Note | Note | |
| Direct or Indirect Pathway (see notes) | | | | | | | | | | | | | | | | | | | | | | | |
| Contaminant | | | | | | | | | | | | | | | | | | | | | | | |
| Acenaphthene | nc, v | 4,700 | >Csat | 9,400 | >Csat | 70,000 | >Csat | 21,000 | >Csat | 590,000 | >Csat | - | >Max | - | >Max | - | >Max | - | >Max | - | >Csat | - | >Csat |
| Acrylonitrile | c, v | 0.86 | | 2.5 | | 4.0 | | 40 | | 1,100 | | 1.3 | >Max | 3.1 | >Max | 5.8 | >Max | 0.079 | | 0.19 | >Max | 1.0 | >Max |
| Aldrin | c, v | 0.031 | | 0.078 | | 0.13 | | 1.1 | | 30 | >Csat | - | >Csat | - | >Csat | - | >Csat | - | >Csat | 0.023 | | 0.10 | |
| Anthracene | nc, v | 23,000 | >Csat | 47,000 | >Csat | 350,000 | >Csat | 110,000 | >Csat | - | >Max | - | >Max | - | >Max | - | >Max | - | >Max | - | >Csat | - | >Csat |
| Arsenic | c, nv | 0.43 | | 1.0 | | 1.9 | | 15 | | 420 | | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV |
| Barium | nc, nv | 15,000 | | 31,000 | | 220,000 | | 69,000 | | - | >Max | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV |
| Benz[a]anthracene | c, nv | 1.1 | | 2.5 | | 21 | >Csat | 170 | >Csat | 4,800 | >Csat | - | >Csat | - | >Csat | - | >Csat | - | >Csat | 1.6 | | 6.0 | |
| Benzene | c, v | 8.2 | | 24 | | 37 | | 380 | | 11,000 | >Csat | 11 | | 27 | | 50 | | 0.16 | | 0.38 | | 2.1 | |
| Benzidine | c, nv | 0.00052 | | 0.0012 | | 0.01 | | 0.082 | | 2.3 | | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV |
| Benzo[a]pyrene (BaP equivalents) ** | c*, nv | 0.11 | | 0.25 | | 2.1 | | 17 | >Csat | 490 | >Csat | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV |
| Benzo[b]fluoranthene | c, v | 1.1 | | 2.5 | | 21 | >Csat | 170 | >Csat | 4,900 | >Csat | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV |
| Benzo[k]fluoranthene | c, nv | 11 | >Csat | 25 | >Csat | 210 | >Csat | 1,700 | >Csat | 49,000 | >Csat | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV |
| Beryllium | c*, nv | 160 | | 310 | | 2,300 | | 700 | | 19,000 | | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV |
| Bis(2-ethylhexyl)phthalate | c, nv | 39 | | 97 | | 160 | >Csat | 1,300 | >Csat | 37,000 | >Csat | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV |
| Bromodichloromethane | c, v | 3.4 | | 12 | | 15 | | 230 | | 6,300 | >Csat | 2.4 | | 5.7 | | 11 | | 0.041 | | 0.096 | | 0.53 | |
| Bromoform | c, v | 57 | | 170 | | 260 | | 2,700 | >Csat | 74,000 | >Csat | 81 | | 190 | | 360 | | 8.2 | | 19 | | 110 | |
| Bromomethane | nc, v | 46 | | 92 | | 750 | | 370 | | 10,000 | >Csat | 170 | | 170 | | 700 | | 1.3 | | 1.3 | | 17 | |
| Cadmium | c*, nv | 78 | | 160 | | 1,100 | | 350 | | 9,700 | | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV |
| Carbon tetrachloride | c, v | 7.5 | | 21 | | 34 | | 320 | | 8,900 | >Csat | 15 | | 35 | | 65 | | 0.12 | | 0.28 | | 1.6 | |
| Chlorobenzene | nc, v | 530 | | 1,100 | >Csat | 8,700 | >Csat | 4,700 | >Csat | 130,000 | >Csat | - | >Csat | - | >Csat | - | >Csat | 77 | | 77 | | - | >Csat |
| Chlorodibromomethane (dibromochloromethane) | c, v | 3.7 | | 12 | | 17 | | 210 | | 5,800 | >Csat | 3.3 | | 7.8 | | 14 | | 0.22 | | 0.53 | | 2.9 | |
| Chloroethane (ethyl chloride) | nc, v | 160,000 | >Csat | 320,000 | >Csat | - | >Max | - | >Max | - | >Csat | - | >Csat | - | >Csat | - | >Csat | - | >Csat | 310 | | 1,100 | |
| Chloroform | c, v | 5.8 | | 22 | | 26 | | 410 | | 11,000 | >Csat | 3.9 | | 9.2 | | 17 | | 0.031 | | 0.074 | | 0.41 | |
| Chloromethane | nc, v | 1,400 | >Csat | 2,900 | >Csat | 25,000 | >Csat | 25,000 | >Csat | 700,000 | >Csat | - | >Csat | - | >Csat | - | >Csat | 24 | | 24 | | 300 | |
| Chlordane | c, v | 1.7 | | 4.2 | | 7.4 | | 61 | >Csat | 1,700 | >Csat | - | >Csat | - | >Csat | - | >Csat | - | >Csat | 0.45 | | 2.1 | |
| Chromium (III) | nc, nv | 120,000 | | 230,000 | | - | >Max | 530,000 | | - | >Max | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV |
| Chromium (VI) | c, nv | 0.30 | | 0.67 | | 6.3 | | 49 | | 1,400 | | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV |
| Chrysene | c, nv | 110 | >Csat | 250 | >Csat | 2,100 | >Csat | 17,000 | >Csat | 490,000 | >Csat | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV |
| Copper | nc, nv | 3,100 | | 6,200 | | 47,000 | | 14,000 | | 390,000 | | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV |
| Cyanide (hydrogen cyanide) ^ | nc, v | 47 | | 94 | | 700 | | 210 | | 5,900 | | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV |
| DDD (4,4'-Dichlorodiphenyldichloroethane) | c*, nv | 2.2 | | 4.4 | | 12 | | 9.7 | | 270 | | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV |
| DDE (4,4'-Dichlorodiphenyldichloroethene) | c, v | 1.8 | | 4.5 | | 8.2 | | 66 | | 1,800 | | - | >Csat | - | >Csat | - | >Csat | - | >Csat | 1.6 | | 7.4 | |
| DDT (4,4'-Dichlorodiphenyltrichloroethane) | c, nv | 1.9 | | 4.6 | | 8.5 | | 66 | | 1,800 | | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV |
| Dibenz[a,h]anthracene | c, nv | 0.11 | | 0.25 | | 2.1 | | 17 | >Csat | 490 | >Csat | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV |
| 1,2-Dichlorobenzene | nc, v | 2,200 | >Csat | 4,400 | >Csat | 36,000 | >Csat | 20,000 | >Csat | 560,000 | >Csat | - | >Csat | - | >Csat | - | >Csat | - | >Csat | 36 | | 140 | |
| 1,4-Dichlorobenzene | c, v | 14 | | 62 | | 64 | | 1,300 | >Csat | 36,000 | >Csat | 8.1 | | 19 | | 36 | | 0.99 | | 2.3 | | 13 | |
| 3,3-Dichlorobenzidine | c, nv | 1.2 | | 3.0 | | 5.1 | | 42 | >Csat | 1,200 | >Csat | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV |
| 1,1-Dichloroethane | c, v | 58 | | 190 | | 260 | | 3,200 | >Csat | 89,000 | >Max | 56 | | 130 | | 240 | | 0.45 | | 1.1 | | 5.9 | |
| 1,1-Dichloroethene | nc, v | 1,800 | >Csat | 3,500 | >Csat | 29,000 | >Csat | 13,000 | >Csat | 370,000 | >Csat | - | >Csat | - | >Csat | - | >Csat | 54 | | 54 | | 680 | |
| cis-1,2-Dichloroethene | nc, v | 160 | | 310 | | 2,300 | >Csat | 710 | | 20,000 | >Csat | - | >Max | - | >Max | - | >Max | - | >Max | - | >Max | - | >Max |
| trans-1,2-Dichloroethene | nc, v | 1,600 | >Csat | 3,100 | >Csat | 23,000 | >Csat | 7,100 | >Csat | 200,000 | >Csat | - | >Max | - | >Max | - | >Max | - | >Max | - | >Max | - | >Max |
| Dichloroether | c, v | 0.29 | | 0.96 | | 1.3 | | 16 | | 450 | | 0.53 | | 1.2 | | 6.9 | | 0.53 | | 1.2 | | 6.9 | |
| Dichloromethane | c, v | 76 | | 170 | | 1,600 | | 2,100 | >Csat | 58,000 | >Csat | - | >Csat | - | >Csat | - | >Csat | 26 | | 48 | | 950 | |
| Dichlorophenoxyacetic acid, 2,4- (2,4-D) | nc, nv | 630 | >Csat | 1,300 | >Csat | 8,200 | >Csat | 2,700 | >Csat | 74,000 | >Csat | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV |
| Dieldrin | c, nv | 0.034 | | 0.085 | | 0.14 | | 1.2 | | 33 | >Csat | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV |
| Dinitrotoluene, 2,6- | c, nv | 0.36 | | 0.90 | | 1.5 | | 13 | | 350 | >Csat | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV |
| Di-N-propylnitrosamine (N-nitroso-di-N-propylamine) | c, nv | 0.078 | | 0.19 | | 0.33 | | 2.7 | | 74 | | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV |

| Contaminated Medium | SOIL mg/Kg (ppm) | | | | | | | | | | SOIL mg/Kg (ppm) | | | | | SOIL mg/Kg (ppm) | | | | | SOIL mg/Kg (ppm) | | | | | GROUNDWATER (µg/L (ppb)) | | | | | | | | | | |
|---|---|-----------|-------------------|----------|--------------|----------|---------------------|---------|-------------------|---------|--|-------|-------------------|-------|--------------|---|-------------|-------|-------------------|-------|--|------|-------------|---------|-------------------|---|--------------|----------|-------------|------------|-------------------|-----------|--------------|-----------|----|-----|
| Exposure Pathway | Soil Ingestion, Dermal Contact, and Inhalation (RBC _{ss}) | | | | | | | | | | Volatilization to Outdoor Air (RBC _{so}) | | | | | Vapor Intrusion into Buildings (RBC _{si}) | | | | | Leaching to Groundwater (RBC _{sw}) | | | | | Ingestion & Inhalation from Tapwater (RBC _{tw}) | | | | | | | | | | |
| Receptor Scenario | Residential | | Urban Residential | | Occupational | | Construction Worker | | Excavation Worker | | Residential | | Urban Residential | | Occupational | | Residential | | Urban Residential | | Occupational | | Residential | | Urban Residential | | Occupational | | Residential | | Urban Residential | | Occupational | | | |
| Direct or Indirect Pathway (see notes) | DC | | DC | | DC | | DC | | DC | | IVS | | IVS | | IVS | | IVS | | IVS | | IVS | | IS | | IS | | IS | | DS | | DS | | DS | | | |
| Contaminant | Note | Note | Note | Note | Note | Note | Note | Note | Note | Note | Note | Note | Note | Note | Note | Note | Note | Note | Note | Note | Note | Note | Note | Note | Note | Note | Note | Note | Note | Note | Note | Note | | | | |
| Dioxane, 1,4- | c, v | 5.4 | | 14 | | 24 | | 210 | | 5,900 | | 28 | | 67 | | 370 | | 28 | | 67 | | 370 | | 0.0023 | | 0.0099 | | 0.012 | | 0.46 | | 2.0 | | 2.4 | | |
| Diphenylnitrosamine | c, nv | 110 | | 280 | >Csat | 470 | >Csat | 3,800 | >Csat | 110,000 | >Csat | - | NV | - | NV | - | NV | - | NV | - | NV | - | 10 | | 39 | | 45 | | 13 | | 49 | | 57 | | | |
| EDB (1,2-dibromoethane) | c, v | 0.16 | | 0.53 | | 0.73 | | 9.0 | | 250 | | 0.15 | | 0.35 | | 0.65 | | 0.012 | | 0.028 | | 0.16 | | 0.00012 | | 0.00056 | | 0.00056 | | 0.0075 | | 0.034 | | 0.034 | | |
| EDC (1,2-dichloroethane) | c, v | 3.6 | | 12 | | 16 | | 200 | | 5,600 | >Csat | 3.4 | | 8.1 | | 15 | | 0.077 | | 0.18 | | 1.0 | | 0.0028 | | 0.013 | | 0.013 | | 0.17 | | 0.78 | | 0.78 | | |
| Endosulfan, (alpha-beta) | nc, v | 380 | >Csat | 760 | >Csat | 4,900 | >Csat | 1,600 | >Csat | 45,000 | >Csat | - | >Max | - | >Max | - | >Max | - | >Max | - | >Max | - | >Csat | | >Csat | | >Csat | | >Csat | | 98 | | - | >S | - | >S |
| Endrin | nc, nv | 19 | >Csat | 38 | >Csat | 250 | >Csat | 80 | >Csat | 2,200 | >Csat | - | NV | - | NV | - | NV | - | NV | - | NV | - | 11 | | - | >Csat | - | >Csat | - | >Csat | | 1.9 | | 9.5 | | 8.6 |
| Ethylbenzene | c, v | 34 | | 110 | | 150 | | 1,700 | | 49,000 | >Csat | 36 | | 85 | | 160 | | 1.3 | | 3.0 | | 17 | | 0.22 | | 0.94 | | 0.90 | | 1.5 | | 6.7 | | 6.4 | | |
| Fluoranthene | nc, nv | 2,400 | >Csat | 4,800 | >Csat | 30,000 | >Csat | 10,000 | >Csat | 280,000 | >Csat | - | NV | - | NV | - | NV | - | NV | - | NV | - | - | >Csat | - | >Csat | - | >Csat | | - | >S | - | >S | - | >S | |
| Fluorene | nc, v | 3,100 | >Csat | 6,300 | >Csat | 47,000 | >Csat | 14,000 | >Csat | 390,000 | >Csat | - | >Max | - | >Max | - | >Max | - | >Max | - | >Max | - | - | >Csat | - | >Csat | - | >Csat | | 280 | | 1,400 | | 1,300 | | |
| Formaldehyde | c, v | 15 | | 69 | | 64 | | 1,600 | | 44,000 | >Csat | 48 | | 110 | | 630 | | 48 | | 110 | | 630 | | 0.0020 | | 0.0093 | | 0.0086 | | 0.43 | | 2.0 | | 1.0 | | |
| Heptachlor | c, v | 0.11 | | 0.28 | | 0.45 | | 4.0 | | 110 | | 18 | | 42 | | 230 | | 18 | | 42 | | 230 | | 0.017 | | 0.063 | | 0.048 | | 0.0014 | | 0.0051 | | 0.0039 | | |
| Heptachlor Epoxide | c, v | 0.055 | | 0.14 | | 0.24 | | 2.0 | | 56 | | 28 | | 66 | | - | >Csat | 28 | | 66 | | - | >Csat | 0.0042 | | 0.018 | | 0.016 | | 0.0014 | | 0.0059 | | 0.0053 | | |
| Hexachlorobenzene | c, v | 0.21 | | 0.67 | | 0.93 | | 11 | | 320 | | 1.0 | | 2.4 | | 13 | | 1.0 | | 2.4 | | 13 | | 0.018 | | 0.083 | | 0.084 | | 0.0098 | | 0.045 | | 0.045 | | |
| Hexachlorocyclohexane, alpha- (alpha-HCH) | c, nv | 0.086 | | 0.21 | | 0.36 | | 3.0 | | 83 | >Csat | - | NV | - | NV | - | NV | - | NV | - | NV | - | 0.0063 | | 0.024 | | 0.023 | | 0.0075 | | 0.028 | | 0.027 | | | |
| Hexachlorocyclohexane, gamma- (Lindane) | c, nv | 0.49 | | 1.2 | | 2.1 | | 17 | | 470 | >Csat | - | NV | - | NV | - | NV | - | NV | - | NV | - | 0.036 | | 0.13 | | 0.13 | | 0.043 | | 0.16 | | 0.16 | | | |
| Hexachloroethane | c, v | 7.4 | | 24 | | 32 | | 180 | | 5,100 | >Csat | 8.1 | | 19 | | 36 | | 0.58 | | 1.4 | | 7.6 | | 0.022 | | 0.095 | | 0.087 | | 0.34 | | 1.5 | | 1.3 | | |
| Indeno[1,2,3-cd]pyrene | c, nv | 1.1 | >Csat | 2.5 | >Csat | 21 | >Csat | 170 | >Csat | 4,900 | >Csat | - | NV | - | NV | - | NV | - | NV | - | NV | - | - | >Csat | - | >Csat | - | >Csat | | - | >S | - | >S | - | >S | |
| Lead | nc, nv | 400 | L | 400 | L | 800 | L | 800 | L | 800 | L | L | NV | - | NV | - | NV | - | NV | - | NV | - | 30 | L | 30 | L | 30 | L | 15 | L | 15 | L | 15 | L | | |
| Manganese | nc, nv | 1,800 | | 3,600 | | 25,000 | | 8,200 | | 230,000 | | - | NV | - | NV | - | NV | - | NV | - | NV | - | * | | * | | * | | 480 | | 1,800 | | 3,900 | | | |
| MCPA ((4-chloro-2-methylphenoxy)acetic acid) | nc, nv | 32 | | 63 | | 410 | >Csat | 130 | | 3,700 | >Csat | - | NV | - | NV | - | NV | - | NV | - | NV | - | 0.097 | | 0.40 | | 0.61 | | 7.4 | | 30 | | 47 | | | |
| Mercury | nc, nv | 23 | | 47 | | 350 | | 110 | | 2,900 | | - | NV | - | NV | - | NV | - | NV | - | NV | - | * | | * | | * | | 6.0 | | 22 | | 49 | | | |
| MTBE (methyl t-butyl ether) | c, v | 250 | | 730 | | 1,100 | | 12,000 | >Csat | 320,000 | >Csat | 340 | | 810 | | 1,500 | | 8.5 | | 20 | | 110 | | 0.11 | | 0.50 | | 0.54 | | 14 | | 64 | | 68 | | |
| Naphthalene | c, v | 5.3 | | 25 | | 23 | | 580 | | 16,000 | >Csat | 6.4 | | 15 | | 83 | | 6.4 | | 15 | | 83 | | 0.077 | | 0.37 | | 0.34 | | 0.17 | | 0.78 | | 0.72 | | |
| Nickel | c, nv | 1,500 | | 3,100 | | 22,000 | | 7,000 | | 190,000 | | - | NV | - | NV | - | NV | - | NV | - | NV | - | * | | * | | * | | 400 | | 1,500 | | 3,300 | | | |
| Pentachlorophenol | c, nv | 1.0 | | 2.6 | | 4.0 | | 34 | | 960 | | - | NV | - | NV | - | NV | - | NV | - | NV | - | 0.066 | | 0.23 | | 0.17 | | 0.044 | | 0.15 | | 0.12 | | | |
| Polychlorinated biphenyls (Total PCBs)** | c, v | 0.23 | | 0.33 | | 0.59 | | 4.9 | >Csat | 140 | >Csat | - | >Csat | - | >Csat | - | >Csat | - | >Csat | - | >Csat | - | 0.24 | | 1.1 | | 1.1 | | 0.006 | | 0.028 | | 0.028 | | | |
| iso-Propylbenzene (cumene) | nc, v | 3,500 | >Csat | 7,000 | >Csat | 57,000 | >Csat | 27,000 | >Csat | 750,000 | >Csat | - | >Csat | - | >Csat | - | >Csat | - | >Csat | - | >Csat | - | 96 | | - | >Csat | - | >Csat | | 440 | | 1,800 | | 2,000 | | |
| Pyrene | nc, v | 1,800 | >Csat | 3,600 | >Csat | 23,000 | >Csat | 7,500 | >Csat | 210,000 | >Csat | - | >Max | - | >Max | - | >Max | - | >Max | - | >Max | - | - | >Csat | - | >Csat | - | >Csat | | 110 | >S | - | >S | - | >S | |
| Silver | nc, nv | 390 | | 780 | | 5,800 | | 1,800 | | 49,000 | | - | NV | - | NV | - | NV | - | NV | - | NV | - | * | | * | | * | | 100 | | 370 | | 820 | | | |
| Styrene | nc, v | 7,900 | >Csat | 16,000 | >Csat | 130,000 | >Csat | 56,000 | >Csat | - | >Max | - | >Csat | - | >Csat | - | >Csat | - | >Csat | - | >Csat | - | 170 | | 640 | | 800 | | 1,200 | | 4,600 | | 5,700 | | | |
| 2,3,7,8-TCDD (dioxin) equivalents ** | c, v | 0.0000047 | | 0.000012 | | 0.000016 | | 0.00017 | | 0.0048 | | 0.010 | | 0.024 | | 0.13 | | 0.010 | | 0.024 | | 0.13 | | 6.8E-06 | | 0.000031 | | 0.000031 | | 0.00000091 | | 0.0000042 | | 0.0000042 | | |
| Tetrachloroethene (PCE) | c, v | 220 | >Csat | 540 | >Csat | 1,000 | >Csat | 1,800 | >Csat | 50,000 | >Csat | - | >Csat | - | >Csat | - | >Csat | 2.8 | | 6.6 | | 36 | | 0.46 | | 1.9 | | 1.9 | | 12 | | 49 | | 48 | | |
| Toluene | nc, v | 5,800 | >Csat | 12,000 | >Csat | 88,000 | >Csat | 28,000 | >Csat | 770,000 | >Csat | - | >Csat | - | >Csat | - | >Csat | - | >Csat | - | >Csat | - | 84 | | 340 | | 490 | | 1,100 | | 4,400 | | 6,300 | | | |
| Toxaphene | c, nv | 0.49 | | 1.2 | | 2.1 | | 17 | | 470 | | - | NV | - | NV | - | NV | - | NV | - | NV | - | 0.36 | | 1.2 | | 0.93 | | 0.015 | | 0.053 | | 0.04 | | | |
| Trichloro-1,2,2-trifluoroethane, 1,1,2- (Freon 113) | nc, v | 400,000 | >Csat | 800,000 | >Csat | - | >Max | - | >Max | - | >Max | - | >Csat | - | >Csat | - | >Csat | - | >Csat | - | >Csat | - | - | >Csat | - | >Csat | - | >Csat | | 55,000 | | - | >S | - | >S | |
| Trichloroethane, 1,1,1- | c, v | 53,000 | >Csat | 110,000 | >Csat | 870,000 | >Csat | 470,000 | >Csat | - | >Max | - | >Csat | - | >Csat | - | >Csat | - | >Csat | - | >Csat | - | 190 | | 710 | | 880 | | 8,000 | | 30,000 | | 37,000 | | | |
| Trichloroethane, 1,1,2- | c, v | 3.2 | | 6.3 | | 26 | | 54 | | 1,500 | >Csat | 5.6 | | 6.7 | | 24 | | 0.32 | | 0.38 | | 4.2 | | 0.0063 | | 0.029 | | 0.029 | | 0.28 | | 1.3 | | 1.3 | | |
| Trichloroethene | c, v | 6.7 | | 17 | | 51 | | 130 | | 3,700 | >Csat | 15 | | 33 | | 96 | | 0.12 | | 0.26 | | 2.3 | | 0.013 | | 0.053 | | 0.087 | | 0.49 | | 2.0 | | 3.3 | | |
| Trichlorofluoromethane (Freon 11) | nc, v | 7,600 | >Csat | 15,000 | >Csat | 130,000 | >Csat | 69,000 | >Csat | - | >Max | - | >Csat | - | >Csat | - | >Csat | 190 | | 190 | | - | >Csat | 61 | | 230 | | 280 | | 1,100 | | 4,200 | | 5,200 | | |
| Trichlorophenol, 2,4,6- | c, nv | 49 | | 120 | | 210 | | 270 | | 7,400 | >Csat | - | NV | - | NV | - | NV | - | NV | - | NV | - | 2.4 | | 8.9 | | 8.9 | | 4.4 | | 17 | | 16 | | | |
| Trimethylbenzene, 1,2,4- | nc, v | 430 | | 860 | | 6,900 | >Csat | 2,900 | >Csat | 81,000 | >Csat | | | | | | | | | | | | | | | | | | | | | | | | | |

| Contaminated Medium | | GROUNDWATER (µg/L (ppb)) | | | | | | GROUNDWATER (µg/L (ppb)) | | | | | | GROUNDWATER (µg/L (ppb)) | | Soil Gas (µg/m³) | | | | | | AIR (µg/m³) | | | | | |
|---|--------|--|------|-------------------|------|--------------|------|---|------|-------------------|------|--------------|------|---------------------------------------|------|---|------|-------------------|------|--------------|------|----------------------------------|------|-------------------|------|--------------|-----|
| Exposure Pathway | | Volatilization to Outdoor Air (RBC _{wo}) | | | | | | Vapor Intrusion into Buildings (RBC _{wi}) | | | | | | GW in Excavation (RBC _{we}) | | Vapor Intrusion into Buildings (RBC _{sv}) | | | | | | INHALATION (RBC _{air}) | | | | | |
| Receptor Scenario | | Residential | | Urban Residential | | Occupational | | Residential | | Urban Residential | | Occupational | | Construction & Excavation Worker | | Residential | | Urban Residential | | Occupational | | Residential | | Urban Residential | | Occupational | |
| Direct or Indirect Pathway (see notes) | | IVW | | IVW | | IVW | | IVW | | IVW | | IVW | | DS | | ICA | | ICA | | ICA | | DCA | | DCA | | DCA | |
| Contaminant | Note | | Note | | Note | | Note | | Note | | Note | | Note | | Note | | Note | | Note | | Note | | Note | | Note | | |
| Acenaphthene | nc, v | - | >S | - | >S | - | >S | - | >S | - | >S | - | >S | - | >S | - | >Pv | - | >Pv | - | >Pv | - | >Pv | - | >Pv | | |
| Acrylonitrile | c, v | 2,200 | | 5,300 | | 9,800 | | 700 | | 1,700 | | 9,200 | | 250 | | 8.3 | | 20 | | 180 | | 0.041 | | 0.098 | | 0.18 | |
| Aldrin | c, v | - | >S | - | >S | - | >S | - | >S | - | >S | - | >S | 3.5 | | 0.11 | | 0.27 | | 2.5 | | >Pv | | >Pv | | >Pv | |
| Anthracene | nc, v | - | >S | - | >S | - | >S | - | >S | - | >S | - | >S | - | >S | - | >Pv | - | >Pv | - | >Pv | - | >Pv | - | >Pv | | |
| Arsenic | c, nv | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV | 6,300 | | - | NV | - | NV | - | NV | 0.00065 | | 0.0015 | | 0.0029 | |
| Barium | nc, nv | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV | - | >S | - | NV | - | NV | - | NV | 0.52 | | 0.52 | | 2.2 | |
| Benz[a]anthracene | c, v | - | >S | - | >S | - | >S | - | >S | - | >S | - | >S | - | >S | - | >Pv | - | >Pv | - | >Pv | 0.017 | | 0.033 | | 0.20 | |
| Benzene | c, v | 3,100 | | 7,400 | | 14,000 | | 210 | | 510 | | 2,800 | | 1,800 | | 72 | | 170 | | 1,600 | | 0.36 | | 0.85 | | 1.6 | |
| Benzidine | c, nv | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV | 17 | | - | NV | - | NV | - | NV | 0.000015 | | 0.00029 | | 0.00018 | |
| Benzo[a]pyrene (BaP equivalents) ** | c, nv | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV | - | >S | - | NV | - | NV | - | NV | 0.0017 | | 0.0021 | | 0.0088 | |
| Benzo[b]fluoranthene | c, nv | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV | - | >S | - | NV | - | NV | - | NV | 0.017 | | 0.033 | | 0.20 | |
| Benzo[k]fluoranthene | c, nv | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV | - | >S | - | NV | - | NV | - | NV | - | >Pv | - | >Pv | - | >Pv |
| Beryllium | c, nv | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV | 270,000 | | - | NV | - | NV | - | NV | 0.0012 | | 0.0028 | | 0.0051 | |
| Bis(2-ethylhexyl)phthalate | c, nv | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV | - | >S | - | NV | - | NV | - | NV | - | >Pv | - | >Pv | - | >Pv |
| Bromodichloromethane | c, v | 1,400 | | 3,200 | | 6,000 | | 180 | | 420 | | 2,300 | | 450 | | 15 | | 36 | | 330 | | 0.076 | | 0.18 | | 0.33 | |
| Bromoform | c, v | 130,000 | | 300,000 | | 550,000 | | 36,000 | | 85,000 | | 470,000 | | 14,000 | | 510 | | 1,200 | | 11,000 | | 2.6 | | 6.0 | | 11 | |
| Bromomethane | nc, v | 32,000 | | 32,000 | | 130,000 | | 2,100 | | 2,100 | | 27,000 | | 1,200 | | 1,000 | | 1,000 | | 22,000 | | 5.2 | | 5.2 | | 22 | |
| Cadmium | c, nv | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV | 130,000 | | - | NV | - | NV | - | NV | 0.0016 | | 0.0037 | | 0.0068 | |
| Carbon tetrachloride | c, v | 1,800 | | 4,200 | | 7,700 | | 92 | | 220 | | 1,200 | | 1,800 | | 94 | | 220 | | 2,000 | | 0.47 | | 1.1 | | 2.0 | |
| Chlorobenzene | nc, v | - | >S | - | >S | - | >S | 67,000 | | 67,000 | | - | >S | 10,000 | | 10,000 | | 10,000 | | 220,000 | | 52 | | 52 | | 220 | |
| Chlorodibromomethane (dibromochloromethane) | c, v | 3,900 | | 9,300 | | 17,000 | | 980 | | 2,300 | | 13,000 | | 610 | | 21 | | 49 | | 450 | | 0.10 | | 0.25 | | 0.45 | |
| Chloroethane (ethyl chloride) | nc, v | - | >S | - | >S | - | >S | 2,800,000 | | 2,800,000 | | - | >S | 2,400,000 | | 2,100,000 | | 2,100,000 | | 43,800,000 | | 10000 | | 10000 | | 44000 | |
| Chloroform | c, v | 1,400 | | 3,400 | | 6,300 | | 120 | | 290 | | 1,600 | | 720 | | 24 | | 58 | | 530 | | 0.12 | | 0.29 | | 0.53 | |
| Chloromethane | nc, v | 440,000 | | 440,000 | | 1,800,000 | | 26,000 | | 26,000 | | 330,000 | | 22,000 | | 19,000 | | 19,000 | | 390,000 | | 94 | | 94 | | 390 | |
| Chlordane | c, v | - | >S | - | >S | - | >S | - | >S | - | >S | - | >S | - | >S | 5.6 | | 13 | | - | >Pv | 0.028 | | 0.066 | | 0.12 | |
| Chromium (III) | nc, nv | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV | - | >S | - | NV | - | NV | - | NV | - | >Pv | - | >Pv | - | >Pv |
| Chromium (VI) | c, nv | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV | 9,400 | | - | NV | - | NV | - | NV | 0.000012 | | 0.000023 | | 0.00015 | |
| Chrysene | c, nv | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV | - | >S | - | NV | - | NV | - | NV | 1.7 | | 3.3 | | - | >Pv |
| Copper | nc, nv | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV | 5,400,000 | | - | NV | - | NV | - | NV | - | >Pv | - | >Pv | - | >Pv |
| Cyanide (hydrogen cyanide) ^ | nc, v | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV | 81,000 | | 170 | | 170 | | 3,500 | | 0.83 | | 0.83 | | 3.5 | |
| DDD (4,4'-Dichlorodiphenyldichloroethane) | c, nv | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV | 3.2 | | - | NV | - | NV | - | NV | 0.041 | | 0.096 | | 0.18 | |
| DDE (4,4'-Dichlorodiphenyldichloroethene) | c, v | - | >S | - | >S | - | >S | - | >S | - | >S | - | >S | - | >S | 5.8 | | 14 | | - | >Pv | 0.029 | | 0.068 | | 0.13 | |
| DDT (4,4'-Dichlorodiphenyltrichloroethane) | c, nv | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV | - | >S | - | NV | - | NV | - | NV | 0.029 | | 0.068 | | 0.13 | |
| Dibenz[a,h]anthracene | c, nv | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV | - | >S | - | NV | - | NV | - | NV | - | >Pv | - | >Pv | - | >Pv |
| 1,2-Dichlorobenzene | nc, v | - | >S | - | >S | - | >S | - | >S | - | >S | - | >S | 37,000 | | 42,000 | | 42,000 | | 880,000 | | 210 | | 210 | | 880 | |
| 1,4-Dichlorobenzene | c, v | 4,900 | | 12,000 | | 21,000 | | 540 | | 1,300 | | 7,100 | | 1,500 | | 51 | | 120 | | 1,100 | | 0.26 | | 0.6 | | 1.1 | |
| 3,3-Dichlorobenzidine | c, nv | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV | - | >S | - | NV | - | NV | - | NV | 0.0083 | | 0.020 | | 0.036 | |
| 1,1-Dichloroethane | c, v | 16,000 | | 37,000 | | 68,000 | | 1,100 | | 2,600 | | 14,000 | | 10,000 | | 350 | | 830 | | 7,700 | | 1.8 | | 4.1 | | 7.7 | |
| 1,1-Dichloroethene | c, v | 570,000 | | 570,000 | | 2,400,000 | | 29,000 | | 29,000 | | 360,000 | | 44,000 | | 42,000 | | 42,000 | | 880,000 | | 210 | | 210 | | 880 | |
| cis-1,2-Dichloroethene | nc, v | - | >S | - | >S | - | >S | - | >S | - | >S | - | >S | 18,000 | | - | >Pv | - | >Pv | - | >Pv | - | >Pv | - | >Pv | - | >Pv |
| trans-1,2-Dichloroethene | nc, v | - | >S | - | >S | - | >S | - | >S | - | >S | - | >S | 180,000 | | - | >Pv | - | >Pv | - | >Pv | - | >Pv | - | >Pv | - | >Pv |
| Dichloroether | c, v | 5,700 | | 13,000 | | 30,000 | | 2,300 | | 5,500 | | 30,000 | | 51 | | 1.7 | | 4.0 | | 37 | | 0.0085 | | 0.02 | | 0.037 | |
| Dichloromethane | c, v | 1,000,000 | >S | 2,000,000 | >S | 1.3E+07 | >S | 90,000 | | 160,000 | | 3,300,000 | | 79,000 | | 20,000 | | 37,000 | | 1,200,000 | | 100 | | 190 | | 1200 | |
| Dichlorophenoxyacetic acid, 2,4- (2,4-D) | nc, nv | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV | 77,000 | | - | NV | - | NV | - | NV | - | >Pv | - | >Pv | - | >Pv |
| Dieldrin | c, v | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV | 2.4 | | - | NV | - | NV | - | NV | 0.00061 | | 0.0014 | | 0.0027 | |
| Dinitrotoluene, 2,6- | nc, nv | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV | 830 | | - | NV | - | NV | - | NV | - | >Pv | - | >Pv | - | >Pv |
| Di-N-propylnitrosamine (N-nitroso-di-N-propylamine) | c, nv | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV | 370 | | - | NV | - | NV | - | NV | 0.0014 | | 0.0033 | | 0.0061 | |
| Dioxane, 1,4- | c, nv | 820,000 | | 1,900,000 | | 4,500,000 | | 340,000 | | 810,000 | | 4,500,000 | | 3,400 | | 110 | | 270 | | 2,500 | | 0.56 | | 1.3 | | 2.5 | |
| Diphenylnitrosamine | c, nv | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV | - | >S | - | NV | - | NV | - | NV | 1.1 | | 2.6 | | 4.7 | |
| EDB (1,2-dibromoethane) | c, v | 180 | | 430 | | 790 | | 45 | | 110 | | 590 | | 27 | | 0.94 | | 2.2 | | 20 | | 0.0047 | | 0.011 | | 0.020 | |
| EDC (1,2-dichloroethane) | c, v | 2,100 | | 4,900 | | 9,000 | | 300 | | 700 | | 3,900 | | 630 | | 22 | | 51 | | 470 | | 0.11 | | 0.26 | | 0.47 | |
| Endosulfan, (alpha-beta) | nc, v | - | >S | - | >S | - | >S | - | >S | - | >S | - | >S | - | >S | - | >Pv | - | >Pv | - | >Pv | - | >Pv | - | >Pv | - | >Pv |
| Endrin | nc, nv | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV | 170 | | - | NV | - | NV | - | NV | - | >Pv | - | >Pv | - | >Pv |

| Contaminated Medium | | GROUNDWATER (µg/L (ppb)) | | | | | | GROUNDWATER (µg/L (ppb)) | | | | | | GROUNDWATER (µg/L (ppb)) | | Soil Gas (µg/m ³) | | | | | | AIR (µg/m ³) | | | | | |
|---|--------|---|------|-------------------|------|--------------|------|--|------|-------------------|------|--------------|------|--|------|--|------|-------------------|------|--------------|------|-------------------------------------|------|-------------------|------|--------------|-----|
| Exposure Pathway | | Volatilization to Outdoor Air (RBC _{wo}) | | | | | | Vapor Intrusion into Buildings (RBC _{wi}) | | | | | | GW in Excavation (RBC _{we}) | | Vapor Intrusion into Buildings (RBC _{sv}) | | | | | | INHALATION (RBC _{air}) | | | | | |
| Receptor Scenario | | Residential | | Urban Residential | | Occupational | | Residential | | Urban Residential | | Occupational | | Construction & Excavation Worker | | Residential | | Urban Residential | | Occupational | | Residential | | Urban Residential | | Occupational | |
| Direct or Indirect Pathway (see notes) | | IVW | | IVW | | IVW | | IVW | | IVW | | IVW | | DS | | ICA | | ICA | | ICA | | DCA | | DCA | | DCA | |
| Contaminant | Note | | Note | | Note | | Note | | Note | | Note | | Note | | Note | | Note | | Note | | Note | | Note | | Note | | |
| Ethylbenzene | c, v | 9,900 | >S | 23,000 | >S | 43,000 | >S | 620 | >S | 1,500 | >S | 8,200 | >S | 4,500 | | 220 | | 530 | | 4,900 | | 1.1 | | 2.7 | | 4.9 | |
| Fluoranthene | nc, nv | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV | - | >S | - | NV | - | NV | - | NV | - | >Pv | - | >Pv | - | >Pv |
| Fluorene | nc, v | - | >S | - | >S | - | >S | - | >S | - | >S | - | >S | - | >S | - | >Pv | - | >Pv | - | >Pv | - | >Pv | - | >Pv | - | >Pv |
| Formaldehyde | c*, nv | 1,500,000 | | 3,700,000 | | 8,500,000 | | 650,000 | | 1,500,000 | | 8,500,000 | | 1,300 | | 43 | | 100 | | 940 | | 0.22 | | 0.51 | | 0.94 | |
| Heptachlor | c, v | - | >S | - | >S | - | >S | 88. | | - | >S | - | >S | 1.8 | | 0.43 | | 1.0 | | 9.4 | | 0.0022 | | 0.0051 | | 0.0094 | |
| Heptachlor Epoxide | c, v | - | >S | - | >S | - | >S | - | >S | - | >S | - | >S | 3.2 | | 0.22 | | 0.51 | | 4.7 | | 0.0011 | | 0.0026 | | 0.0047 | |
| Hexachlorobenzene | c, v | - | >S | - | >S | - | >S | - | >S | - | >S | - | >S | - | >S | 1.2 | | 2.9 | | 27 | | 0.0061 | | 0.014 | | 0.027 | |
| Hexachlorocyclohexane, alpha- (alpha-HCH) | c, nv | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV | 18 | >S | - | NV | - | NV | - | NV | 0.0016 | | 0.0037 | | 0.0068 | |
| Hexachlorocyclohexane, gamma- (Lindane) | c, nv | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV | 100 | | - | NV | - | NV | - | NV | 0.0091 | | 0.021 | | 0.040 | |
| Hexachloroethane | c*, v | 5,000 | | 12,000 | | 22,000 | | 570 | | 1,400 | | 7,500 | | 700 | | 51 | | 120 | | 1,100 | | 0.26 | | 0.60 | | 1.1 | |
| Indeno[1,2,3-cd]pyrene | c, nv | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV | - | >S | - | NV | - | NV | - | NV | - | >Pv | - | >Pv | - | >Pv |
| Lead | nc, nv | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV | - | >S | - | NV | - | NV | - | NV | - | >Pv | - | >Pv | - | >Pv |
| Manganese | nc, nv | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV | 3,200,000 | | - | NV | - | NV | - | NV | 0.052 | | 0.052 | | 0.22 | |
| MCPA ((4-chloro-2-methylphenoxy)acetic acid) | nc, nv | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV | 1,700 | | - | NV | - | NV | - | NV | - | >Pv | - | >Pv | - | >Pv |
| Mercury | nc, nv | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV | - | >S | - | NV | - | NV | - | NV | 0.31 | | 0.31 | | 1.3 | |
| MTBE (methyl t-butyl ether) | c, v | 350,000 | | 830,000 | | 1,500,000 | | 67,000 | | 160,000 | | 870,000 | | 63,000 | | 2,200 | | 5,100 | | 47,000 | | 11 | | 26 | | 47 | |
| Naphthalene | c, v | 3,600 | | 8,500 | | 16,000 | >S | 840 | | 2,000 | | 11,000 | | 500 | | 17 | | 39 | | 360 | | 0.083 | | 0.20 | | 0.36 | |
| Nickel | c*, nv | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV | - | >S | - | NV | - | NV | - | NV | 0.011 | | 0.026 | | 0.047 | |
| Pentachlorophenol | c, nv | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV | 53 | | - | NV | - | NV | - | NV | 0.55 | | 1.3 | | 2.4 | |
| Polychlorinated biphenyls (Total PCBs) ** | c*, v | - | >S | - | >S | - | >S | - | >S | - | >S | - | >S | 30 | | 0.99 | | 2.3 | | 22 | | 0.0038 | | 0.0090 | | 0.017 | |
| iso-Propylbenzene (cumene) | nc, v | - | >S | - | >S | - | >S | - | >S | - | >S | - | >S | 51,000 | | 83,000 | | 83,000 | | 1,800,000 | | 420 | | 420 | | 1800 | |
| Pyrene | nc, v | - | >S | - | >S | - | >S | - | >S | - | >S | - | >S | - | >S | - | >Pv | - | >Pv | - | >Pv | - | >Pv | - | >Pv | - | >Pv |
| Silver | nc, nv | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV | 1,100,000 | | - | NV | - | NV | - | NV | - | - | - | - | - | |
| Styrene | nc, v | - | >S | - | >S | - | >S | - | >S | - | >S | - | >S | 170,000 | | 210,000 | | 210,000 | | 4,400,000 | | 1000 | | 1000 | | 4400 | |
| 2,3,7,8-TCDD (dioxin) equivalents ** | c, v | 0.022 | | 0.052 | | 0.11 | | 0.0083 | | 0.020 | | 0.11 | | 0.00045 | | 0.000015 | | 0.000035 | | 0.00032 | | 5.6E-8 | | 1.3E-7 | | 2.5E-7 | |
| Tetrachloroethene (PCE) | c*, v | 64,000 | | 150,000 | | - | >S | 3,700 | | 8,700 | | 48,000 | | 5,600 | | 2,200 | | 5,100 | | 47,000 | | 11 | | 26 | | 47 | |
| Toluene | nc, v | - | >S | - | >S | - | >S | - | >S | - | >S | - | >S | 220,000 | | 1,000,000 | | 1,000,000 | | 21,900,000 | | 5200 | | 5200 | | 22000 | |
| Toxaphene | c, nv | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV | 18 | | - | NV | - | NV | - | NV | 0.0088 | | 0.021 | | 0.038 | |
| Trichloro-1,2,2-trifluoroethane, 1,1,2- (Freon 113) | nc, v | - | >S | - | >S | - | >S | - | >S | - | >S | - | >S | - | >S | 6,300,000 | | 6,300,000 | | 131,400,000 | | 31000 | | 31000 | | 130000 | |
| Trichloroethane, 1,1,1- | nc, v | - | >S | - | >S | - | >S | - | >S | - | >S | - | >S | 1,100,000 | | 1,000,000 | | 1,000,000 | | 21,900,000 | | 5200 | | 5200 | | 22000 | |
| Trichloroethane, 1,1,2- | c*, v | 4,700 | | 5,600 | | 21,000 | | 870 | | 1,000 | | 11,000 | | 49 | | 35 | | 42 | | 770 | | 0.18 | | 0.21 | | 0.77 | |
| Trichloroethene | c*, v | 3,300 | | 6,900 | | 20,000 | | 200 | | 430 | | 3,700 | | 430 | | 95 | | 200 | | 2,900 | | 0.47 | | 1.0 | | 2.9 | |
| Trichlorofluoromethane (Freon 11) | nc, v | 780,000 | | 780,000 | | - | >S | 36,000 | | 36,000 | | 460,000 | | 160,000 | | 150,000 | | 150,000 | | 3,100,000 | | 730 | | 730 | | 3,100 | |
| Trichlorophenol, 2,4,6- | c*, nv | - | NV | - | NV | - | NV | - | NV | - | NV | - | NV | 1,700 | | - | NV | - | NV | - | NV | 0.91 | | 2.1 | | 4.0 | |
| Trimethylbenzene, 1,2,4- | nc, v | - | >S | - | >S | - | >S | 50,000 | | 50,000 | | - | >S | 6,300 | | 13,000 | | 13,000 | | 260,000 | | 63 | | 63 | | 260 | |
| Trimethylbenzene, 1,3,5- | nc, v | - | >S | - | >S | - | >S | 36,000 | | 36,000 | | - | >S | 7,500 | | 13,000 | | 13,000 | | 260,000 | | 63 | | 63 | | 260 | |
| Vinyl chloride | c, v | 350 | | 430 | | 5,900 | | 17 | | 21 | | 880 | | 960 | | 33 | | 41 | | 2,800 | | 0.17 | | 0.20 | | 2.8 | |
| Xylenes | nc, v | - | >S | - | >S | - | >S | 86,000 | | 86,000 | | - | >S | 23,000 | | 21,000 | | 21,000 | | 440,000 | | 100 | | 100 | | 440 | |
| Generic Gasoline | nc, v | >S | | >S | | >S | | 22,000 | | 22,000 | | >S | | 14,000 | | 79,000 | | 79,000 | | 1,700,000 | | 390 | | 390 | | 1,700 | |
| Generic Diesel/Heating Oil | nc, v | >S | | >S | | >S | | >S | | >S | | >S | | >S | | 21,000 | | 21,000 | | 440,000 | | 100 | | 100 | | 440 | |
| Generic Mineral/Insulating Oil | nc, nv | >S | | >S | | >S | | >S | | >S | | >S | | >S | | 30,000 | | 30,000 | | 620,000 | | 150 | | 150 | | 620 | |

NOTES:

Direct or Indirect Pathway Codes have the following meanings: DC means it is a direct contact pathway with a limiting value of Csat. IVS means it is an indirect pathway with a limiting value of Csat. DS means it is a direct contact pathway with a limiting value equal to the solubility, S. IVW means it is an indirect pathway with a limiting value equal to the solubility, S. DCA means it is a direct contact pathway with a limiting value equal to the vapor pressure, Pv.

The symbols in the "Note" columns are explained below. The references can be found in *Risk-Based Decision Making for the Remediation of Petroleum-Contaminated Sites* (DEQ, 2003)

c This chemical is a known or suspected carcinogen. The RBCs in this row were calculated using equations for carcinogens.

c* The RBCs in this row were calculated using equations for both carcinogens and noncarcinogens (where lower). For some scenarios the RBCs based on non-carcinogenic effects are lower than RBCs based on cancer effects for these chemicals. You should use the lower of the calculated RBCs for each exposure scenario, as shown in this table.

>Csat This soil RBC exceeds the limit of three-phase equilibrium partitioning. Refer to "ChemData" page for the corresponding value of Csat. Soil concentrations in excess of Csat indicate that free product might be present. See Section B.2.1.4 for additional information.

L The values for lead reported in this table are not calculated. See Section B.3.4 for the source of the lead numbers and information on applying them.

>Max The constituent RBC for this pathway is calculated as greater than 1,000,000 mg/kg or 1,000,000 mg/L. Therefore, this substance is deemed not to pose risks in this scenario.

| | |
|-----|--|
| NA | Not Available. |
| nc | This chemical is a noncarcinogen. The RBCs in this row were calculated using equations for noncarcinogens. When carcinogenic RBCs can be calculated and the noncancer RBC is lower, (nc) is shown in the notes. |
| nv | This chemical is considered "nonvolatile" for purposes of the exposure calculations. A chemical is defined as nonvolatile if the Henry's law constant is less than 1×10^{-5} atm/m ³ -mole and vapor pressure less than one mm mercury. |
| >Pv | The air concentration reported for the RBC exceeds the vapor pressure of the pure chemical. It can be assumed that this constituent cannot create an unacceptable risk by this pathway. See Section B.2.1.4 for additional information. |
| >S | This groundwater RBC exceeds the solubility limit. Refer to Appendix D for the corresponding value of S. Groundwater concentrations in excess of S indicate that free product may be present. See Section B.2.1.4 for additional information. |
| v | This chemical is classified as "volatile" for purposes of the exposure calculations in this document. A chemical is defined as volatile if the Henry's law constant is greater than or equal to 1×10^{-5} atm/m ³ -mole or vapor pressure greater than or equal to one mm mercury. |
| * | Leaching-to-Groundwater RBCs are not provided for inorganic chemicals. If this pathway is of concern, then site-specific leaching tests must be performed. |
| ** | Compounds in this category are considered in aggregate as a chemical class and should be evaluated as single substances. See notes to accompany Risk-Based Concentrations for Individual Chemicals, November 1, 2015. |
| - | When "Show All Values" is not selected on the Main Menu, all RBC values for indirect pathways that exceed a limit (C _{sat} , S, or Pv) are removed from the table and replaced with "-". If you suspect that a chemical may be present at high concentrations on airborne dust rather than vapor, the vapor pressure limit does not apply, so use the RBC _{air} value. |