Compound List & Desired Detection Limits for Crawlspace Analyses

| # | Compound | CAS No. | Acceptable Indoor Air Concentration (Cia) µg/m$^3$ Residential | Rationale for Inclusion in Compound List |
|---|---|---|---|---|
| 1 | Tetrachloroethylene (PCE) | 127-18-4 | 8.30 | detected in GW |
| 2 | Trichloroethylene (TCE) | 79-01-6 | 0.42 | detected in GW |
| 3 | Dichloroethylene, 1,2-cis- (cis-1,2-DCE) | 156-59-2 | 13.0 | detected in GW |
| 4 | Vinyl Chloride (VC) | 75-01-4 | 0.160 | detected in GW |
| 5 | Benzene | 71-43-2 | 0.310 | detected in GW |
| 6 | Bromodichloromethane | 75-27-4 | 0.0660 | detected in GW |
| 7 | Carbon Tetrachloride (CT) | 56-23-5 | 0.410 | detected in GW |
| 8 | Dibromochloromethane (Chlorodibromomethane) | 124-48-1 | 0.0900 | detected in GW |
| 9 | Chloroform (CF) | 67-66-3 | 0.110 | degradation product |
| 10 | Methylene Chloride (Dichloromethane) (DCM) | 75-09-2 | 96.0 | degradation product |
| 11 | Chloromethane (Methyl Chloride) (MC) | 74-87-3 | 19.0 | degradation product |
| 12 | Dichloroethylene, 1,2-trans- (trans-1,2-DCE) | 156-60-5 | 13.0 | degradation product |
| 13 | Dichloroethylene, 1,1- (1,1-DCE) | 75-35-4 | 42.0 | degradation product |
| 14 | Dichloroethane, 1,2- (1,2-DCA) | 107-06-2 | 0.0940 | degradation product |
| 15 | Dichloroethane, 1,1- (1,1-DCA) | 75-34-3 | 1.50 | degradation product |

Note: cis-1,2-DCE does not have an Acceptable Indoor Air Concentration. trans-1,2-DCE's Acceptable Indoor Air Concentration has been used to provide a Desired Detection Limit to the Analytical Laboratory.