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Sub Slab Air VOC and PCB Results - November 2010
Building 50, 52, Corridor GSA- Kansas City

Chemical	Sub-Slab Air Screening Level (µg/m^3)	Maximum Concentration (µg/m^3)		
		Building 50	Corridor	Building 52
Volatile Organic Compounds				
Acetone	108,624	bsl	ND	bsl
Acetonitrile	210	ND	ND	ND
Acrolein	0.07	ND	ND	ND
Acrylonitrile	1.4	ND	ND	ND
Benzene	13	bsl	ND	bsl
Benzyl Chloride	2.0	ND	ND	ND
Bromodichloromethane	2.7	ND	ND	ND
Bromoform	89	ND	ND	ND
Bromomethane	18	ND	ND	ND
1,3-Butadiene	3.3	ND	ND	ND
n-Butane	2,450	bsl	ND	bsl
2-Butanone (MEK)	17,520	bsl	ND	bsl
Carbon Disulfide	2,453	ND	ND	ND
Carbon Tetrachloride	16	bsl	ND	ND
Chlorobenzene	175	ND	ND	ND
Chlorodifluoromethane	175,200	bsl	ND	bsl
Chloroethane (ethyl chloride)	35,040	ND	ND	ND
Chloroform	4.3	bsl	23	12
Chloromethane	315	bsl	ND	bsl
3-Chloropropene (allyl chloride)	3.5	ND	ND	ND
Cumene	21,024	ND	ND	bsl
Cyclohexane	1,402	ND	ND	bsl
n-Decane	2,450	bsl	ND	bsl
Dibromochloromethane	3.6	ND	ND	ND
1,2-Dibromoethane (EDB)	0.16	ND	ND	ND
Dibromomethane (methylene bromide)	14	ND	ND	ND
1,2-Dichlorobenzene	701	ND	ND	ND
1,3-Dichlorobenzene	8.9	ND	ND	ND
1,4-Dichlorobenzene	8.9	bsl	ND	ND
Dichlorodifluoromethane	701	bsl	ND	bsl
1,1-Dichloroethane	61	ND	ND	ND
1,2-Dichloroethane	3.8	ND	ND	ND
1,1-Dichloroethylene	8,410	ND	ND	ND
cis-1,2-Dichloroethylene	210	ND	ND	ND
trans-1,2-Dichloroethylene	210	ND	ND	ND
1,2-Dichloropropane	9.8	ND	ND	ND
cis-1,3-Dichloropropene	25	ND	ND	ND
trans-1,3-Dichloropropene	16	ND	ND	ND

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1,2-Dichloro-1,1,2,2-Tetrafluoroethane	105,120	ND	ND	ND
n-Dodecane	2,450	ND	ND	bsl
Ethylbenzene	39	bsl	ND	bsl
Ethyl Ether	-	ND	ND	ND
n-Heptane	2,450	bsl	ND	bsl
Hexachlorobutadiene	4.5	ND	ND	ND
n-Hexane	2,453	bsl	ND	bsl
2-Hexanone	105	ND	ND	ND
Methylene Chloride	209	bsl	bsl	bsl
4-Methyl-2-Pentanone (MIBK)	10,512	bsl	ND	bsl
Alpha-Methylstyrene	140	ND	ND	ND
Methyl Tert-Butyl Ether	377	ND	ND	ND
Naphthalene	2.9	ND	ND	7.3
Nonane	701	bsl	ND	bsl
n-Octane	2,450	bsl	ND	bsl
Pentane	3,504	bsl	ND	bsl
n-Propylbenzene	3,504	bsl	ND	bsl
Styrene	3,504	bsl	ND	bsl
1,1,2,2-Tetrachloroethane	1.7	ND	ND	ND
Tetrachloroethylene	17	bsl	ND	bsl
Toluene	17,520	bsl	bsl	bsl
1,2,4-Trichlorobenzene	7.0	ND	ND	ND
1,1,1-Trichloroethane	17,520	bsl	ND	ND
1,1,2-Trichloroethane	6.1	ND	ND	ND
Trichloroethylene	35	39	ND	bsl
Trichlorofluoromethane	2,453	bsl	ND	bsl
1,1,2-Trichloro-1,2,2-Trifluoroethane	105,120	bsl	ND	ND
1,2,4-Trimethylbenzene	25	bsl	ND	bsl
1,3,5-Trimethylbenzene	25	bsl	ND	bsl
n-Undecane	2,450	bsl	ND	bsl
Vinyl Acetate	701	ND	ND	ND
Vinyl Chloride	2.2	ND	ND	ND
m-Xylene & p- Xylene	350	bsl	ND	bsl
o-Xylene	350	bsl	ND	bsl
Dioxin-like PCBs				
PCB 77	0.0258	ND	ND	ND
PCB 81	0.00861	ND	ND	ND
PCB 105	0.0861	ND	ND	bsl
PCB 114	0.0861	ND	ND	ND
PCB 118	0.0861	ND	ND	ND
PCB 123	0.0861	ND	ND	ND
PCB 126	0.0000258	ND	ND	ND

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PCB 156 & 157	0.0861	ND	ND	ND
PCB 167	0.0861	ND	ND	ND
PCB 169	0.0000861	ND	ND	ND
PCB 189	0.0861	ND	ND	ND
Non- Dioxin -like PCBs (Total)[1]	0.172	bsl	bsl	bsl

ND: Not Detected

bsl: Below Screening Level.

* Unreliable results due to analytical uncertainty

[1] Maximum detection for non-dioxin-like PCBs represents a maximum total concentration for all non-dioxin-like congeners.

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