

US EPA ARCHIVE DOCUMENT

Table 2. Annual average concentrations of analytes in air from Air Toxics Database.

compound	Southern California, CA ^a					Los Angeles County, CA ^b					Sacramento County, CA ^c					Davis County, Utah ^d				
	avg	dev	ng/L		# ^e	avg	dev	ng/L		#	avg	dev	ng/L		#	avg	dev	ng/L		#
MTBE	7.32	5.42	82	0	25.60	9.82	5.59	41	3.24	31.7	0.36	0	105d	0.36	0.36					
chloroform	0.03	0.25	70	0	2.10	0.05	0.26	41	0	1.61										
1,1,1-trichloroethane						0.54	0.48	41	0	2.02										
benzene	2.52	1.82	61	0.32	9.90	3.23	1.74	41	0.96	9.58	0.69	0.89	250	0.27	7.45	4.82	2.07	14	2.15	9.24
trichloroethene						0.64	1.29	41	0	4.57	0.12	0.09	31e	0	0.27					
toluene	9.12	8.37	81	0.75	45.20	10.7	6.42	41	3.01	29.40	2.60	3.41	250	0.27	37.10	14.9	5.72	14	4.98	26.20
tetrachloroethene	0.37	0.58	70	0	2.17	1.60	1.95	41	0	12.90										
ethylbenzene	1.65	1.10	81	1.31	8.73	1.68	0.91	41	1.31	5.67	0.44	0.53	250	0.27	6	1.67	0.85	14	0.48	3.42
<i>m+p</i> -xylene	3.51	2.71	79 ^f	.22	11.61	4.25	3.12	136 ^f	.64	23.82	1.87	1.25	8 ^g	.74	4.96					
styrene	0.52	0.86	81	0	4.26	0.90	1.28	41	0	6.39	0.27	0.60	250	0.27	1.06	0.79	0.61	14	0.22	2.73
<i>o</i> -xylene	1.73	1.74	81	0	11.30	2.04	1.29	41	0.43	7.38	0.57	0.79	250	0.27	8.68	2.22	3.18	14	0.73	4.75
isopropylbenzene						0.30	0.20	167 ^h	0	1.57	0.27	0	250	0.27	0.27	0.09	0.08	14	0	0.27
1,3,5-trimethylbenzene						1.53	0.83	18 ⁱ	0	2.95										
1,4-dichlorobenzene	0.86	0.67	58	0.60	4.21	0.81	0.35	34	0.60	1.80	0.06	0.32	31 ^j	0.06	0.32					
1,2-dichlorobenzene	0.25	0.52	126 ^k	0	2.40	0.44	0.71	66 ^k	0	2.40										

^a Southern California data is a composite of data from San Diego, Riverside, Orange, Imperial, and San Bernardino counties. Data is for 2000.

^b Data is for 2000.

^c Data is for 1999.

^d Data is for 1996.

^e Number of samples taken over the year indicated.

^f *m+p*-xylenes are a sum of data reported for individual isomers. Data for this location is for 1999.

^g *m+p*-xylenes are a sum of data reported for individual isomers. Data for this location is for 1998.

^h isopropyl benzene data for this location is for 1999.

ⁱ 1,3,5-trimethylbenzene data for this location is for 1986.

^j 1,4-dichlorobenzene data for this location is for 1992.

^k all of the 1,2-dichlorobenzene data is for 1995.