

<b>Air Monitoring Comparison Values for Evaluating VOCs (ppb-V)</b>				
<b>Parameters (Compounds measured by the Flower Mound AutoGC)</b>	<b>CAS No.</b>	<b>Short-Term AMCV</b>	<b>Long-Term AMCV</b>	<b>Odor AMCV</b>
		<b>Health</b>	<b>Health</b>	
<b>Ethane</b>	74-84-0	*	*	180000
<b>Ethylene</b>	74-85-1	500000	5300	270000
<b>Propane</b>	74-98-6	*	*	1500000
<b>Propylene</b>	115-07-1	*	*	13000
<b>Isobutane</b>	75-28-5	8000	800	2040
<b>n-Butane</b>	106-97-8	8000	800	1200000
<b>Acetylene</b>	74-86-2	25000	2500	620000
<b>t-2-Butene</b>	624-64-6	15000	*	2100
<b>1-Butene</b>	106-98-9	50000	*	360
<b>c-2-Butene</b>	590-18-1	15000	*	2100
<b>Cyclopentane</b>	287-92-3	1200	120	*
<b>Isopentane</b>	78-78-4	1200	120	1300
<b>n-Pentane</b>	109-66-0	1200	120	1400
<b>1,3-Butadiene</b>	106-99-0	1700	9.1	230
<b>t-2-Pentene</b>	646-04-8	2600	*	*
<b>1-Pentene</b>	109-67-1	2600	*	100
<b>c-2-Pentene</b>	627-20-3	2600	*	*
<b>2,2-Dimethylbutane</b>	75-83-2	1000	100	*
<b>2-Methylpentane</b>	107-83-5	1000	100	83
<b>Isoprene</b>	78-79-5	20	2	5
<b>n-Hexane</b>	110-54-3	1800	190	1500
<b>Methylcyclopentane</b>	96-37-7	750	75	*
<b>2,4-Dimethylpentane</b>	108-08-7	850	85	290000
<b>Benzene</b>	71-43-2	180	1.4	2700
<b>Cyclohexane</b>	110-82-7	1000	100	420
<b>2-Methylhexane</b>	591-76-4	750	75	*
<b>2,3-Dimethylpentane</b>	565-59-3	850	85	*
<b>3-Methylhexane</b>	589-34-4	750	75	*
<b>2,2,4-Trimethylpentane</b>	540-84-1	750	75	*
<b>n-Heptane</b>	142-82-5	850	85	670
<b>Methylcyclohexane</b>	108-87-2	4000	400	150
<b>2,3,4-Trimethylpentane</b>	565-75-3	750	75	*
<b>Toluene</b>	108-88-3	4000	1100	170

<b>2-Methylheptane</b>	592-27-8	750	75	*
<b>3-Methylheptane</b>	589-81-1	750	75	*
<b>n-Octane</b>	111-65-9	750	75	1700
<b>Ethyl Benzene</b>	100-41-4	20000	450	170
<b>p-Xylene + m-Xylene</b>	1330-20-7	1700	140	80
<b>Styrene</b>	100-42-5	5100	110	25
<b>o-Xylene</b>	95-47-6	1700	140	380
<b>n-Nonane</b>	111-84-2	2000	200	2200
<b>Isopropyl Benzene - Cumene</b>	98-82-8	500	50	100
<b>n-Propylbenzene</b>	103-65-1	250	25	3.8
<b>1,3,5-Trimethylbenzene</b>	108-67-8	250	25	*
<b>1,2,4-Trimethylbenzene</b>	95-63-6	250	25	*
<b>n-Decane</b>	124-18-5	1750	175	620
<b>1,2,3-Trimethylbenzene</b>	526-73-8	250	25	*

\* Value not established

**Air Monitoring Comparison Values (AMCVs)** are chemical-specific air concentrations set to protect human health and welfare. Exposure to an air concentration at or below the AMCVs is not likely to cause adverse health effects in the general public, including sensitive subgroups such as children, the elderly, pregnant women, and people with preexisting health conditions. AMCVs are a collective term that refer to all values used by TD staff to review ambient air monitoring data.

**Parts Per Billion - Volume (ppb-V)** concentration of contaminants in air (as a volume fraction).

**Chemical Abstracts Service Number (CAS No.)** is number that uniquely identifies a chemical compound. The number is easily recognized by its characteristic three-part form--a two to six digit number on the left, separated by a dash from a two digit number to its right, which, in turn, is separated by a second dash from a one digit number to its right.