

Data presented at May 2007 AWMA Symposium on Air Quality Measurement Methods and Technology. VOC Stability through Day 30.

Compound	Day 1, µg/m <sup>3</sup>	Day 3, µg/m <sup>3</sup>	Day 7, µg/m <sup>3</sup>	Day 10, µg/m <sup>3</sup>	Day 14, µg/m <sup>3</sup>	Day 19, µg/m <sup>3</sup>	Day 24, µg/m <sup>3</sup>	Day 30, µg/m <sup>3</sup>	Day 30 %Recovery	RSD
Dichlorodifluoromethane	2.735	2.966	2.532	2.587	2.475	2.453	2.626	2.297	84.0%	7.8%
Chloromethane	0.580	0.603	0.471	0.468	0.423	0.491	0.511	0.540	93.1%	11.8%
Freon 114	0.621	0.682	0.579	0.578	0.556	0.515	0.623	0.507	81.6%	10.0%
Vinyl Chloride	0.464	0.515	0.425	0.424	0.400	0.397	0.459	0.378	81.4%	10.3%
1,3-Butadiene	0.624	0.772	0.633	0.591	0.561	0.533	0.564	0.581	93.2%	12.2%
Bromomethane	0.428	0.493	0.429	0.409	0.405	0.471	0.480	0.450	105.2%	7.5%
Chloroethane	0.549	0.612	0.554	0.522	0.527	0.553	0.539	0.551	100.4%	5.0%
Acetontrile	0.800	0.918	0.861	0.730	0.719	0.818	0.710	0.822	102.8%	9.2%
Trichlorofluoromethane	1.689	1.842	1.648	1.652	1.631	1.636	1.546	1.534	90.8%	5.8%
Acrylonitrile	0.506	0.546	0.513	0.498	0.480	0.518	0.491	0.500	98.7%	3.9%
1,1-Dichloroethene	0.515	0.577	0.523	0.509	0.489	0.531	0.508	0.499	96.9%	5.2%
Methylene Chloride	1.471	1.641	1.472	1.437	1.394	1.477	1.415	1.421	96.6%	5.3%
Allyl Chloride	0.507	0.554	0.520	0.502	0.499	0.537	0.512	0.527	103.9%	3.6%
Trichlorotrifluoroethane	1.094	1.207	1.084	1.069	1.041	1.064	1.083	1.013	92.6%	5.3%
Carbon Disulfide	0.566	0.619	0.573	0.544	0.527	0.568	0.544	0.536	94.7%	5.2%
trans-1,2-Dichloroethene	0.514	0.550	0.517	0.493	0.485	0.525	0.483	0.489	95.2%	4.7%
1,1-Dichloroethane	0.518	0.573	0.520	0.508	0.504	0.538	0.498	0.510	98.6%	4.6%
Methyl tert-Butyl Ether	0.576	0.622	0.576	0.561	0.548	0.541	0.544	0.554	96.1%	4.7%
cis-1,2-Dichloroethene	0.520	0.597	0.539	0.507	0.498	0.534	0.531	0.503	96.6%	6.0%
Diisopropyl Ether	0.487	0.536	0.491	0.473	0.475	0.458	0.475	0.482	98.9%	4.8%
n-Hexane	0.918	0.996	0.917	0.881	0.875	0.768	0.841	0.873	95.1%	7.4%
Chloroform	0.624	0.701	0.623	0.626	0.611	0.638	0.605	0.618	99.1%	4.8%
Ethyl tert-Butyl Ether	0.471	0.520	0.482	0.469	0.460	0.454	0.457	0.467	99.1%	4.5%
1,2-Dichloroethane	0.565	0.624	0.552	0.551	0.539	0.551	0.512	0.518	91.6%	6.2%
1,1,1-Trichloroethane	0.603	0.672	0.608	0.590	0.583	0.617	0.583	0.584	96.9%	4.9%
Isopropyl Acetate	0.445	0.492	0.476	0.445	0.452	0.475	0.466	0.478	107.5%	3.7%
Benzene	1.126	1.262	1.131	1.085	1.084	1.157	1.109	1.130	100.4%	5.0%
Carbon Tetrachloride	1.006	1.136	0.999	0.968	0.955	0.986	0.934	0.899	89.3%	7.1%
Cyclohexane	0.702	0.784	0.713	0.684	0.688	0.712	0.713	0.706	100.6%	4.3%
1,2-Dichloropropane	0.510	0.562	0.521	0.521	0.524	0.531	0.503	0.523	102.7%	3.4%
Bromodichloromethane	0.572	0.646	0.580	0.580	0.564	0.617	0.555	0.564	98.7%	5.3%

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Trichloroethene	0.602	0.689	0.608	0.621	0.596	0.628	0.625	0.632	104.9%	4.6%
1,4-Dioxane	0.480	0.652	0.648	0.564	0.583	0.650	0.562	0.620	129.2%	10.1%
Isooctane	1.509	1.687	1.596	1.655	1.667	1.570	1.573	1.792	118.8%	5.4%
Methyl Methacrylate	0.490	0.564	0.532	0.493	0.508	0.555	0.489	0.514	104.9%	5.7%
n-Heptane	0.871	0.968	0.891	0.898	0.898	0.895	0.895	0.946	108.6%	3.5%
cis-1,3-Dichloropropene	0.465	0.532	0.487	0.479	0.477	0.512	0.468	0.483	103.8%	4.7%
trans-1,3-dichloropropene	0.532	0.624	0.573	0.550	0.539	0.604	0.549	0.623	117.1%	6.6%
1,1,2-Trichloroethane	0.498	0.581	0.511	0.496	0.498	0.534	0.508	0.521	104.6%	5.5%
Toluene	2.883	3.185	2.871	2.772	2.758	2.914	2.819	2.869	99.5%	4.6%
Dibromochloromethane	0.503	0.576	0.524	0.503	0.507	0.580	0.513	0.524	104.2%	5.9%
1,2-Dibromoethane	0.490	0.557	0.505	0.481	0.482	0.532	0.495	0.514	105.0%	5.2%
n-Octane	0.660	0.717	0.694	0.647	0.644	0.663	0.650	0.680	103.1%	3.8%
Tetrachloroethene	0.640	0.716	0.651	0.617	0.615	0.680	0.673	0.671	104.7%	5.2%
Chlorobenzene	0.504	0.570	0.509	0.497	0.495	0.532	0.512	0.519	103.0%	4.8%
Ethylbenzene	0.813	0.916	0.835	0.797	0.801	0.849	0.812	0.843	103.8%	4.6%
m,p-Xylene	2.577	2.881	2.614	2.503	2.504	2.687	2.518	2.633	102.2%	4.8%
Bromoform	0.607	0.689	0.646	0.620	0.619	0.719	0.647	0.651	107.3%	5.8%
Styrene	0.575	0.652	0.583	0.539	0.535	0.556	0.446	0.556	96.7%	10.3%
o-Xylene	1.018	1.154	1.038	0.997	0.996	1.056	1.003	1.041	102.2%	5.0%
n-Nonane	0.751	0.820	0.788	0.801	0.771	0.834	0.791	0.838	111.6%	3.8%
1,1,2,2-Tetrachloroethane	0.532	0.623	0.558	0.536	0.534	0.575	0.547	0.573	107.6%	5.5%
Cumene	0.505	0.575	0.521	0.507	0.508	0.525	0.504	0.533	105.5%	4.6%
alpha-Pinene	0.550	0.601	0.549	0.492	0.482	0.467	0.331	0.487	88.4%	16.2%
n-Propylbenzene	0.546	0.623	0.563	0.544	0.549	0.582	0.541	0.591	108.3%	5.1%
3-Ethyltoluene	0.719	0.821	0.719	0.697	0.692	0.749	0.707	0.754	104.9%	5.8%
4-Ethyltoluene	0.624	0.714	0.638	0.617	0.611	0.645	0.601	0.631	101.2%	5.5%
1,3,5-Trimethylbenzene	0.588	0.665	0.587	0.565	0.566	0.598	0.546	0.594	101.0%	6.0%
alpha-Methylstyrene	0.394	0.406	0.364	0.272	0.268	0.234	0.102	0.244	62.0%	35.3%
2-Ethyltoluene	0.530	0.604	0.527	0.544	0.536	0.544	0.510	0.555	104.7%	5.1%
1,2,4-Trimethylbenzene	0.910	1.029	0.904	0.872	0.867	0.922	0.862	0.910	99.9%	5.9%
n-Decane	0.741	0.796	0.737	0.704	0.702	0.732	0.680	0.745	100.5%	4.8%
Benzyl Chloride	0.462	0.524	0.480	0.464	0.447	0.511	0.471	0.487	105.5%	5.4%

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1,3-Dichlorobenzene	0.488	0.564	0.485	0.478	0.470	0.513	0.506	0.512	104.9%	5.9%
1,4-Dichlorobenzene	0.581	0.666	0.573	0.572	0.565	0.608	0.601	0.615	105.7%	5.5%
sec-Butylbenzene	0.937	1.059	0.929	0.898	0.892	0.667	0.630	0.672	71.7%	18.8%
p-Isopropyltoluene	0.530	0.611	0.533	0.522	0.516	0.547	0.510	0.550	103.9%	5.9%
1,2,3-Trimethylbenzene	0.602	0.686	0.602	0.586	0.576	0.615	0.570	0.617	102.5%	6.0%
1,2-Dichlorobenzene	0.505	0.579	0.498	0.491	0.482	0.524	0.518	0.520	103.1%	5.8%
d-Limonene	0.482	0.472	0.444	0.326	0.316	0.269	0.107	0.284	59.0%	37.4%
1,2-Dibromo-3-Chloropropane	0.410	0.466	0.436	0.421	0.416	0.485	0.465	0.477	116.5%	6.6%
n-Undecane	0.701	0.769	0.711	0.664	0.649	0.683	0.641	0.720	102.7%	6.1%
1,2,4-Trichlorobenzene	0.521	0.598	0.522	0.525	0.492	0.544	0.565	0.573	109.9%	6.3%
Naphthalene	0.503	0.583	0.507	0.481	0.454	0.484	0.451	0.518	103.1%	8.5%
n-Dodecane	0.642	0.705	0.657	0.623	0.585	0.581	0.568	0.686	106.8%	8.0%
Hexachloro-1,3-Butadiene	0.501	0.573	0.522	0.513	0.492	0.548	0.566	0.571	114.0%	6.1%