

Method Path : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\

Method File : VL083118AIR.M

Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 31 21:33:46 2018

Last Update : Fri Aug 31 21:33:46 2018

Response Via : Initial Calibration

Calibration Files

0.03=VL032436.D 0.1 =VL032435.D 0.5 =VL032434.D 1 =VL032433.D 2 =VL032432.D 10 =VL032431.D 15 =VL032437.D

	Compound	0.03	0.1	0.5	1	2	10	15	Avg	%RSD
1) I	Bromochloromethane	-----ISTD-----								
2) T	Dichlorodifluo...		1.480	1.491	1.431	1.265	0.729	1.279	25.05	
3)	Chlorodifluoro...		0.951	0.985	0.943	0.809	0.838	0.905	8.50	
4)	Chloromethane		0.577	0.569	0.581	0.492	0.522	0.548	7.18	
5) T	Vinyl Chloride	0.634	0.601	0.528	0.534	0.522	0.473	0.494	0.541	10.59
6) T	Bromomethane		0.288	0.303	0.291	0.262	0.276	0.284	5.44	
7)	Chloroethane		0.197	0.193	0.194	0.171	0.182	0.187	5.69	
8) T	Dichlorotetra...		1.242	1.237	1.192	1.006	0.999	1.135	10.84	
9) T	Propene		0.324	0.354	0.380	0.368	0.400	0.365	7.78	
10) T	Heptane		1.108	1.313	1.412	1.356	1.361	1.310	9.05	
11) T	Trichlorofluor...		1.250	1.285	1.173	1.033	1.026	1.153	10.43	
12) T	1,1,2-Trichlor...		0.853	0.849	0.824	0.684	0.698	0.782	10.72	
13)	Ethanol		0.129	0.146	0.118	0.089	0.087	0.114	22.23	
14) T	Bromoethene		0.334	0.348	0.328	0.321	0.325	0.331	3.17	
15) T	Acetone		0.971	1.009	0.936	0.780	0.806	0.901	11.34	
16) T	1,3-Butadiene		0.443	0.428	0.448	0.374	0.426	0.424	6.96	
17)	tert-Butyl alc...		0.155	0.146	0.129	0.127	0.137	0.139	8.59	
18) T	1,1-Dichloroet...		0.382	0.364	0.370	0.327	0.343	0.357	6.12	
19) T	Isopropyl Alcohol		0.637	0.641	0.560	0.546	0.571	0.591	7.58	
20) T	Methylene Chlo...		0.397	0.373	0.352	0.293	0.302	0.343	13.10	
21) T	Allyl Chloride		0.574	0.625	0.610	0.577	0.605	0.598	3.65	
22) T	trans-1,2-Dich...		0.424	0.419	0.368	0.366	0.360	0.388	8.11	
23) T	Vinyl Acetate		1.304	1.530	1.580	1.513	1.535	1.493	7.26	
24) T	1,1-Dichloroet...		1.306	1.339	1.266	1.139	1.100	1.230	8.56	
25) T	Ethyl Acetate		2.200	2.231	2.237	1.988	1.977	2.127	6.22	
26) T	Hexane		0.916	0.982	1.018	0.926	0.919	0.952	4.76	
27) T	Carbon Disulfide		0.834	0.883	0.912	0.861	0.905	0.879	3.69	
28) T	Methyl tert-Bu...		1.051	1.192	1.221	1.196	1.185	1.169	5.77	
29) T	Chloroform		1.547	1.522	1.534	1.314	1.343	1.452	7.82	
30) T	Cyclohexane		0.653	0.653	0.698	0.733	0.750	0.697	6.38	
31) T	cis-1,2-Dichlo...		0.771	0.849	0.894	0.883	0.915	0.862	6.54	
32) T	1,1,1-Trichlor...	1.492	1.381	1.366	1.409	1.361	1.224	1.241	1.353	6.93
33) I	1,4-Difluorobenzene	-----ISTD-----								
34) T	2-Butanone		0.650	0.709	0.717	0.636	0.609	0.664	7.11	
35) T	Carbon Tetrach...	0.794	0.687	0.687	0.677	0.679	0.592	0.589	0.672	10.29
36) T	Benzene		0.795	0.882	0.900	0.839	0.839	0.851	4.84	
37) T	1,2-Dichloroet...		0.545	0.553	0.545	0.483	0.481	0.522	6.92	

Method	Path : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\										
Method	File : VL083118AIR.M										
38) T	Trichloroethene	0.411	0.299	0.283	0.348	0.338	0.295	0.290	0.323	14.25	
39) T	1,2-Dichloropr...			0.376	0.373	0.383	0.342	0.347	0.364	5.09	
40) T	1,4-Dioxane			0.108	0.130	0.101	0.112	0.095	0.109	12.34	
41) T	Tetrahydrofuran			0.301	0.356	0.389	0.377	0.385	0.362	9.98	
42) T	Bromodichlorom...			0.731	0.764	0.769	0.670	0.662	0.719	7.05	
43)	Methyl Methacr...			0.282	0.348	0.388	0.390	0.396	0.361	13.33	
44) T	2,2,4-Trimethy...			1.496	1.856	1.800	1.613	1.461	1.645	10.77	
45) T	t-1,3-Dichloro...			0.266	0.328	0.405	0.454	0.479	0.386	22.92	
46) T	cis-1,3-Dichlo...			0.377	0.457	0.519	0.562	0.553	0.494	15.64	
47) T	1,1,2-Trichlor...			0.384	0.427	0.424	0.338	0.363	0.387	9.95	
48) T	Dibromochlorom...			0.511	0.554	0.566	0.534	0.515	0.536	4.47	
49) T	Bromoform			0.436	0.477	0.503	0.467	0.446	0.466	5.67	
50) T	4-Methyl-2-Pen...			0.870	1.016	1.113	1.013	0.990	1.001	8.68	
51) T	2-Hexanone			0.457	0.616	0.723	0.712	0.715	0.645	17.65	
52) T	Tetrachloroethene	0.292	0.243	0.258	0.273	0.279	0.253	0.249	0.264	6.77	
53) T	Toluene			0.662	0.809	1.054	0.911	1.011	0.890	17.84	
54) T	1,2-Dibromoethane			0.491	0.552	0.525	0.545	0.486	0.520	5.82	
55) I	Chlorobenzene-d5	-----ISTD-----									
56)	1,1,1,2-Tetrac...			0.508	0.500	0.471	0.402	0.373	0.451	13.35	
57) T	Chlorobenzene			0.882	0.879	0.843	0.724	0.668	0.799	12.22	
58) T	Ethyl Benzene			0.955	1.178	1.334	1.292	1.224	1.197	12.36	
59) T	m/p-Xylene			1.001	1.123	1.161	1.062	0.987	1.067	7.07	
60) T	o-Xylene			0.918	1.135	1.187	1.041	0.959	1.048	10.84	
61) T	Styrene			0.469	0.640	0.755	0.782	0.747	0.678	19.04	
62)	Isopropylbenzene			1.373	1.548	1.630	1.455	1.360	1.473	7.83	
63) T	1,1,2,2-Tetrac...	1.069	0.915	1.028	1.022	0.984	0.808	0.734	0.937	13.31	
64)	n-propylbenzene			0.349	0.403	0.424	0.387	0.362	0.385	7.83	
65)	tert-Butylbenzene			1.176	1.375	1.454	1.220	1.123	1.270	10.99	
66) T	Benzyl Chloride			0.633	0.680	0.757	0.746	0.720	0.707	7.22	
67)	sec-Butylbenzene			1.795	2.077	2.161	1.834	1.678	1.909	10.60	
68) S	1-Bromo-4-Fluo...	0.752	0.758	0.752	0.743	0.723	0.745	0.725	0.742	1.85	
69)	p-Isopropyltol...			1.297	1.571	1.709	1.466	1.354	1.480	11.21	
70)	n-Butylbenzene			1.490	1.833	1.951	1.627	1.485	1.677	12.42	
71)	2-Chlorotoluene			0.966	1.147	1.265	1.159	1.090	1.126	9.70	
72) T	4-Ethyltoluene			0.897	1.175	1.280	1.220	1.149	1.144	12.81	
73) T	1,3,5-Trimethy...			0.993	1.203	1.294	1.156	1.086	1.146	9.96	
74) T	1,2,4-Trimethy...			1.246	1.388	1.427	1.156	1.050	1.253	12.56	
75) T	1,3-Dichlorobe...			0.845	0.827	0.797	0.651	0.598	0.744	15.00	
76) T	1,4-Dichlorobe...			0.688	0.749	0.750	0.649	0.614	0.690	8.71	
77) T	1,2-Dichlorobe...			0.727	0.791	0.800	0.653	0.617	0.717	11.35	
78) T	Hexachloro-1,3...			0.325	0.297	0.282	0.209	0.227	0.268	18.18	
79) T	Naphthalene			0.764	1.004	1.175	1.097	1.056	1.019	15.29	
80) T	Naphthalene,2-...			0.114	0.161	0.281	0.391	0.409	0.271	48.94	
81) T	1,2,4-Trichlor...			0.453	0.514	0.588	0.519	0.493	0.513	9.61	

(#) = Out of Range