

Method Path : W:\HPCHEM1\MSVOA_L\METHODS\

Method File : VL020916AIR.M

Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Feb 10 03:14:04 2016

Last Update : Wed Feb 10 03:14:04 2016

Response Via : Initial Calibration

Calibration Files

0.03=VL026828.D 0.1 =VL026827.D 0.5 =VL026826.D 1 =VL026825.D 2 =VL026824.D 10 =VL026823.D 15 =VL026829.D

	Compound	0.03	0.1	0.5	1	2	10	15	Avg	%RSD
1) I	Bromochloromethane	-----ISTD-----								
2) T	Dichlorodifluo...		2.392	2.340	2.277	2.127	1.675	2.162	13.41	
3)	Chlorodifluoro...		2.352	1.949	1.765	1.049	0.997	1.622	36.18	
4)	Chloromethane		0.687	0.668	0.668	0.599	0.583	0.641	7.29	
5) T	Vinyl Chloride	0.826	0.772	0.698	0.713	0.715	0.669	0.661	0.722	8.11
6) T	Bromomethane		0.631	0.607	0.608	0.571	0.580	0.599	3.98	
7)	Chloroethane		0.326	0.327	0.325	0.305	0.301	0.317	3.99	
8) T	Dichlorotetra...		2.042	1.993	1.955	1.827	1.787	1.921	5.70	
9) T	Propene		0.431	0.439	0.461	0.440	0.420	0.438	3.40	
10) T	Heptane		1.287	1.393	1.478	1.477	1.539	1.435	6.79	
11) T	Trichlorofluor...		2.710	2.663	2.627	2.452	2.371	2.565	5.68	
12) T	1,1,2-Trichlor...		1.869	1.858	1.824	1.760	1.762	1.815	2.85	
13)	Ethanol		0.080	0.091	0.085	0.078	0.044	0.075	24.26	
14) T	Bromoethene		0.653	0.672	0.675	0.654	0.668	0.664	1.55	
15) T	Acetone		1.612	1.580	1.558	1.082	1.037	1.374	20.94	
16) T	1,3-Butadiene		0.545	0.557	0.556	0.526	0.499	0.536	4.54	
17)	tert-Butyl alc...		0.758	0.929	0.769	1.030	1.050	0.907	15.31	
18) T	1,1-Dichloroet...		0.749	0.766	0.777	0.747	0.763	0.760	1.60	
19) T	Isopropyl Alcohol		0.426	0.532	0.484	0.557	0.452	0.490	11.09	
20) T	Methylene Chlo...		0.774	0.739	0.706	0.670	0.670	0.712	6.34	
21) T	Allyl Chloride		0.880	0.858	0.841	0.852	0.810	0.848	3.02	
22) T	trans-1,2-Dich...		0.660	0.664	0.692	0.686	0.729	0.686	4.04	
23) T	Vinyl Acetate		1.664	1.854	1.979	1.948	1.872	1.863	6.59	
24) T	1,1-Dichloroet...		1.511	1.535	1.487	1.445	1.468	1.489	2.37	
25) T	Ethyl Acetate		1.461	2.174	2.254	2.226	2.189	2.061	16.33	
26) T	Hexane		1.077	1.152	1.192	1.186	1.202	1.162	4.41	
27) T	Carbon Disulfide		1.947	2.016	2.040	2.008	1.998	2.002	1.71	
28) T	Methyl tert-Bu...		1.596	1.739	1.906	1.922	1.914	1.816	7.94	
29) T	Chloroform		1.846	1.810	1.795	1.759	1.829	1.808	1.85	
30) T	Cyclohexane		0.809	0.888	0.970	0.984	1.075	0.945	10.67	
31) T	cis-1,2-Dichlo...		0.856	0.922	0.980	1.031	1.062	0.970	8.56	
32) T	1,1,1-Trichlor...	2.078	1.749	1.677	1.753	1.781	1.804	1.887	1.818	7.21
33) I	1,4-Difluorobenzene	-----ISTD-----								
34) T	2-Butanone		0.466	0.491	0.511	0.503	0.480	0.490	3.66	
35) T	Carbon Tetrach...	0.849	0.659	0.666	0.686	0.709	0.762	0.757	0.727	9.27
36) T	Benzene		0.712	0.759	0.808	0.851	0.837	0.793	7.27	
37) T	1,2-Dichloroet...		0.486	0.494	0.496	0.515	0.493	0.497	2.20	

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38) T	Trichloroethene	0.380	0.317	0.319	0.339	0.361	0.400	0.443	0.366	12.54
39) T	1,2-Dichloropr...			0.294	0.297	0.300	0.302	0.307	0.300	1.63
40) T	1,4-Dioxane			0.038	0.054	0.058	0.071	0.045	0.053	23.79
41) T	Tetrahydrofuran			0.184	0.222	0.250	0.280	0.270	0.241	16.14
42) T	Bromodichlorom...			0.609	0.620	0.668	0.721	0.726	0.669	8.14
43)	Methyl Methacr...			0.203	0.250	0.281	0.325	0.332	0.278	19.24
44) T	2,2,4-Trimethy...			1.176	1.332	1.431	1.469	1.374	1.356	8.38
45) T	t-1,3-Dichloro...			0.251	0.301	0.368	0.469	0.482	0.374	27.16
46) T	cis-1,3-Dichlo...			0.319	0.382	0.458	0.552	0.569	0.456	23.64
47) T	1,1,2-Trichlor...			0.305	0.316	0.324	0.348	0.367	0.332	7.56
48) T	Dibromochlorom...			0.438	0.479	0.525	0.618	0.654	0.542	16.85
49) T	Bromoform			0.302	0.335	0.383	0.486	0.537	0.409	24.44
50) T	4-Methyl-2-Pen...			0.431	0.537	0.605	0.663	0.653	0.578	16.64
51) T	2-Hexanone			0.298	0.415	0.502	0.607	0.600	0.485	26.93
52) T	Tetrachloroethene	0.304	0.268	0.268	0.288	0.306	0.354	0.397	0.312	15.21
53) T	Toluene			0.650	0.807	0.926	1.031	1.050	0.893	18.65
54) T	1,2-Dibromoethane			0.418	0.460	0.487	0.536	0.568	0.494	12.03
55) I	Chlorobenzene-d5	-----ISTD-----								
56)	1,1,1,2-Tetrac...			0.409	0.410	0.414	0.457	0.514	0.441	10.29
57) T	Chlorobenzene			0.795	0.793	0.786	0.828	0.937	0.828	7.63
58) T	Ethyl Benzene			0.912	1.123	1.253	1.334	1.400	1.204	16.07
59) T	m/p-Xylene			0.862	0.995	1.047	1.099	1.140	1.029	10.48
60) T	o-Xylene			0.938	1.063	1.112	1.209	1.305	1.126	12.45
61) T	Styrene			0.234	0.313	0.383	0.456	0.517	0.381	29.45
62)	Isopropylbenzene			1.149	1.283	1.355	1.443	1.526	1.351	10.77
63) T	1,1,2,2-Tetrac...	0.827	0.707	0.715	0.720	0.724	0.800	0.885	0.768	9.03
64)	n-propylbenzene			0.278	0.320	0.338	0.373	0.428	0.347	16.29
65)	tert-Butylbenzene			0.947	1.101	1.217	1.401	1.558	1.245	19.37
66) T	Benzyl Chloride			0.267	0.300	0.358	0.511	0.583	0.404	33.96
67)	sec-Butylbenzene			1.333	1.520	1.642	1.772	1.838	1.621	12.46
68) S	1-Bromo-4-Fluo...	0.728	0.727	0.740	0.727	0.711	0.676	0.716	0.718	2.86
69)	p-Isopropyltol...			0.957	1.166	1.318	1.502	1.622	1.313	20.13
70)	n-Butylbenzene			0.886	1.144	1.286	1.435	1.511	1.252	19.85
71)	2-Chlorotoluene			0.665	0.831	0.944	1.053	1.118	0.922	19.58
72) T	4-Ethyltoluene			0.729	0.946	1.056	1.178	1.275	1.037	20.45
73) T	1,3,5-Trimethy...			0.764	0.937	1.001	1.125	1.221	1.010	17.42
74) T	1,2,4-Trimethy...			0.918	1.055	1.122	1.258	1.388	1.148	15.82
75) T	1,3-Dichlorobe...			0.589	0.631	0.668	0.732	0.857	0.696	15.01
76) T	1,4-Dichlorobe...			0.561	0.618	0.650	0.729	0.843	0.680	16.07
77) T	1,2-Dichlorobe...			0.570	0.595	0.636	0.693	0.813	0.661	14.63
78) T	Hexachloro-1,3...			0.299	0.315	0.310	0.284	0.363	0.314	9.51
79) T	Naphthalene			0.403	0.512	0.594	0.559	0.690	0.552	19.11
80) T	Naphthalene,2-...			0.212	0.213	0.235	0.213	0.246	0.224	6.97
81) T	1,2,4-Trichlor...			0.235	0.269	0.303	0.300	0.383	0.298	18.38

(#) = Out of Range