

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

Method File : VL100915AIR.M

Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Oct 09 16:23:14 2015

Last Update : Fri Oct 09 16:23:14 2015

Response Via : Initial Calibration

Calibration Files

0.03=VL026177.D 0.1 =VL026176.D 0.5 =VL026175.D 1 =VL026174.D 2 =VL026173.D 10 =VL026172.D 15 =VL026178.D

Compound		0.03	0.1	0.5	1	2	10	15	Avg	%RSD
-----ISTD-----										
1) I	Bromochloromethane									
2) T	Dichlorodifluo...		1.994	2.031	2.037	1.435	1.877	1.875	13.55	
3)	Chlorodifluoro...		1.232	1.237	1.254	1.048	1.068	1.168	8.63	
4)	Chloromethane		0.662	0.672	0.693	0.619	0.647	0.659	4.21	
5) T	Vinyl Chloride	0.697	0.641	0.660	0.665	0.691	0.637	0.658	0.664	3.46
6) T	Bromomethane		0.495	0.479	0.488	0.453	0.475	0.478	3.39	
7)	Chloroethane		0.294	0.295	0.295	0.273	0.285	0.288	3.26	
8) T	Dichlorotetra...		1.722	1.711	1.728	1.505	1.513	1.636	7.07	
9) T	Propene		0.528	0.544	0.565	0.520	0.524	0.536	3.38	
10) T	Heptane		1.858	1.932	1.954	1.816	1.761	1.864	4.29	
11) T	Trichlorofluor...		1.927	1.874	1.892	1.722	1.785	1.840	4.56	
12) T	1,1,2-Trichlor...		1.314	1.263	1.298	1.162	1.192	1.246	5.31	
13)	Ethanol		0.094	0.092	0.084	0.047	0.077	0.079	24.05	
14) T	Bromoethene		0.509	0.523	0.534	0.490	0.512	0.514	3.22	
15) T	Acetone		1.573	1.389	1.336	1.057	1.108	1.293	16.40	
16) T	1,3-Butadiene		0.594	0.618	0.624	0.567	0.584	0.597	3.97	
17)	tert-Butyl alc...		0.760	0.774	0.640	0.914	0.808	0.779	12.66	
18) T	1,1-Dichloroet...		0.576	0.569	0.580	0.536	0.559	0.564	3.16	
19) T	Isopropyl Alcohol		0.477	0.548	0.489	0.463	0.541	0.503	7.63	
20) T	Methylene Chlo...		0.607	0.557	0.567	0.502	0.519	0.550	7.52	
21) T	Allyl Chloride		0.831	0.798	0.865	0.834	0.890	0.844	4.15	
22) T	trans-1,2-Dich...		0.731	0.739	0.740	0.693	0.708	0.722	2.85	
23) T	Vinyl Acetate		2.121	2.268	2.400	2.283	2.367	2.288	4.75	
24) T	1,1-Dichloroet...		1.578	1.618	1.609	1.489	1.506	1.560	3.79	
25) T	Ethyl Acetate		2.532	2.551	2.628	2.403	2.383	2.499	4.15	
26) T	Hexane		1.187	1.267	1.271	1.176	1.152	1.210	4.54	
27) T	Carbon Disulfide		1.297	1.376	1.510	1.482	1.588	1.450	7.91	
28) T	Methyl tert-Bu...		1.817	1.954	2.041	1.972	1.973	1.951	4.20	
29) T	Chloroform		1.819	1.850	1.816	1.745	1.741	1.794	2.73	
30) T	Cyclohexane		1.075	1.158	1.209	1.169	1.155	1.153	4.24	
31) T	cis-1,2-Dichlo...		1.036	1.095	1.130	1.128	1.130	1.104	3.70	
32) T	1,1,1-Trichlor...	1.771	1.558	1.699	1.692	1.778	1.752	1.750	1.714	4.46
-----ISTD-----										
33) I	1,4-Difluorobenzene									
34) T	2-Butanone		0.556	0.573	0.579	0.536	0.539	0.557	3.51	
35) T	Carbon Tetrach...	0.660	0.579	0.622	0.649	0.669	0.634	0.623	0.634	4.76
36) T	Benzene		0.970	0.993	1.015	0.918	0.886	0.956	5.59	
37) T	1,2-Dichloroet...		0.533	0.526	0.527	0.493	0.482	0.512	4.46	

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38) T	Trichloroethene	0.624	0.455	0.429	0.431	0.429	0.368	0.338	0.439	20.77
39) T	1,2-Dichloropr...			0.377	0.363	0.371	0.339	0.327	0.355	6.02
40) T	1,4-Dioxane			0.045	0.057	0.068	0.046	0.077	0.058	23.92
41) T	Tetrahydrofuran			0.282	0.316	0.327	0.324	0.319	0.313	5.83
42) T	Bromodichlorom...			0.657	0.680	0.718	0.670	0.647	0.674	4.06
43)	Methyl Methacr...			0.297	0.333	0.356	0.351	0.348	0.337	7.13
44) T	2,2,4-Trimethy...			1.658	1.733	1.753	1.460	1.348	1.590	11.21
45) T	t-1,3-Dichloro...			0.354	0.424	0.489	0.527	0.524	0.464	15.94
46) T	cis-1,3-Dichlo...			0.475	0.545	0.607	0.615	0.604	0.569	10.42
47) T	1,1,2-Trichlor...			0.446	0.436	0.448	0.407	0.394	0.426	5.68
48) T	Dibromochlorom...			0.523	0.598	0.650	0.635	0.616	0.604	8.23
49) T	Bromoform			0.366	0.421	0.487	0.505	0.496	0.455	13.16
50) T	4-Methyl-2-Pen...			0.648	0.743	0.788	0.756	0.744	0.736	7.15
51) T	2-Hexanone			0.518	0.644	0.715	0.721	0.710	0.662	13.04
52) T	Tetrachloroethene	0.720	0.480	0.444	0.449	0.450	0.393	0.371	0.472	24.36
53) T	Toluene			1.186	1.275	1.334	1.213	1.155	1.232	5.84
54) T	1,2-Dibromoethane			0.638	0.658	0.676	0.623	0.600	0.639	4.59
55) I	Chlorobenzene-d5	-----ISTD-----								
56)	1,1,1,2-Tetrac...	0.433		0.401	0.415	0.425	0.376	0.353	0.401	7.66
57) T	Chlorobenzene			0.990	0.994	0.959	0.816	0.754	0.903	12.24
58) T	Ethyl Benzene			1.416	1.538	1.572	1.412	1.324	1.453	6.98
59) T	m/p-Xylene			1.213	1.264	1.257	1.088	1.006	1.166	9.76
60) T	o-Xylene			1.319	1.332	1.322	1.106	1.029	1.222	11.74
61) T	Styrene			0.405	0.487	0.538	0.542	0.527	0.500	11.46
62)	Isopropylbenzene			1.646	1.725	1.722	1.531	1.429	1.611	7.96
63) T	1,1,2,2-Tetrac...	1.236	0.907	0.944	0.939	0.905	0.732	0.693	0.908	19.46
64)	n-propylbenzene			0.424	0.456	0.464	0.423	0.401	0.434	5.94
65)	tert-Butylbenzene			1.444	1.557	1.551	1.326	1.223	1.420	10.20
66) T	Benzyl Chloride			0.295	0.358	0.431	0.513	0.514	0.422	22.82
67)	sec-Butylbenzene			1.950	2.120	2.172	1.908	1.752	1.980	8.54
68) S	1-Bromo-4-Fluo...	0.775	0.784	0.785	0.769	0.750	0.763	0.748	0.768	1.98
69)	p-Isopropyltol...			1.467	1.675	1.754	1.570	1.455	1.584	8.22
70)	n-Butylbenzene			1.381	1.619	1.673	1.523	1.399	1.519	8.54
71)	2-Chlorotoluene			1.114	1.233	1.281	1.157	1.094	1.176	6.75
72) T	4-Ethyltoluene			1.178	1.359	1.426	1.317	1.237	1.303	7.50
73) T	1,3,5-Trimethy...			1.151	1.287	1.326	1.215	1.145	1.225	6.60
74) T	1,2,4-Trimethy...			1.313	1.418	1.397	1.196	1.100	1.285	10.54
75) T	1,3-Dichlorobe...			0.851	0.864	0.881	0.776	0.736	0.822	7.63
76) T	1,4-Dichlorobe...			0.818	0.875	0.877	0.808	0.767	0.829	5.66
77) T	1,2-Dichlorobe...			0.801	0.849	0.850	0.778	0.738	0.803	5.95
78) T	Hexachloro-1,3...			0.356	0.358	0.340	0.303	0.255	0.322	13.56
79) T	Naphthalene			0.687	0.822	0.857	0.886	0.779	0.806	9.61
80) T	Naphthalene,2-...			0.166	0.178	0.207	0.188	0.167	0.181	9.52
81) T	1,2,4-Trichlor...			0.377	0.417	0.421	0.419	0.363	0.400	6.85

(#) = Out of Range