

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

Method File : VL102915AIR.M

Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Oct 29 14:29:54 2015

Last Update : Thu Oct 29 14:29:54 2015

Response Via : Initial Calibration

Calibration Files

0.03=VL026265.D 0.1 =VL026264.D 0.5 =VL026263.D 1 =VL026262.D 2 =VL026261.D 10 =VL026260.D 15 =VL026266.D

Compound		0.03	0.1	0.5	1	2	10	15	Avg	%RSD
-----ISTD-----										
1) I	Bromochloromethane									
2) T	Dichlorodifluo...		2.355	2.139	2.156	2.048	2.008	2.141	6.28	
3)	Chlorodifluoro...		1.388	1.354	1.327	1.137	1.091	1.259	10.76	
4)	Chloromethane		0.759	0.733	0.738	0.695	0.668	0.719	5.08	
5) T	Vinyl Chloride	1.104	0.832	0.731	0.745	0.744	0.709	0.676	0.792	18.44
6) T	Bromomethane		0.549	0.539	0.532	0.506	0.486	0.522	4.94	
7)	Chloroethane		0.337	0.312	0.317	0.309	0.293	0.314	5.05	
8) T	Dichlorotetra...		1.977	1.928	1.897	1.678	1.603	1.817	9.13	
9) T	Propene		0.660	0.616	0.633	0.575	0.545	0.606	7.58	
10) T	Heptane		2.103	2.130	2.167	1.959	1.859	2.043	6.36	
11) T	Trichlorofluor...		2.159	2.106	2.076	1.916	1.876	2.027	6.10	
12) T	1,1,2-Trichlor...		1.463	1.419	1.387	1.287	1.207	1.353	7.68	
13)	Ethanol		0.096	0.092	0.114	0.073	0.078	0.091	17.45	
14) T	Bromoethene		0.596	0.567	0.586	0.565	0.532	0.569	4.29	
15) T	Acetone		1.500	1.437	1.393	1.171	1.119	1.324	12.76	
16) T	1,3-Butadiene		0.673	0.672	0.681	0.635	0.602	0.653	5.17	
17)	tert-Butyl alc...		0.888	0.903	0.988	1.027	0.944	0.950	6.11	
18) T	1,1-Dichloroet...		0.655	0.621	0.625	0.606	0.562	0.614	5.51	
19) T	Isopropyl Alcohol		0.515	0.544	0.610	0.597	0.571	0.567	6.84	
20) T	Methylene Chlo...		0.639	0.598	0.583	0.543	0.519	0.577	8.16	
21) T	Allyl Chloride		0.978	0.951	0.926	0.934	0.877	0.933	3.96	
22) T	trans-1,2-Dich...		0.835	0.838	0.875	0.785	0.763	0.819	5.50	
23) T	Vinyl Acetate		2.437	2.500	2.672	2.632	2.516	2.551	3.83	
24) T	1,1-Dichloroet...		1.812	1.845	1.837	1.671	1.601	1.753	6.30	
25) T	Ethyl Acetate		2.866	2.909	2.912	2.624	2.480	2.758	7.09	
26) T	Hexane		1.394	1.426	1.438	1.290	1.208	1.351	7.33	
27) T	Carbon Disulfide		1.549	1.594	1.651	1.701	1.584	1.616	3.71	
28) T	Methyl tert-Bu...		2.319	2.450	2.509	2.339	2.208	2.365	4.97	
29) T	Chloroform		2.080	2.087	2.075	1.901	1.863	2.001	5.49	
30) T	Cyclohexane		1.323	1.372	1.412	1.291	1.236	1.327	5.19	
31) T	cis-1,2-Dichlo...		1.220	1.266	1.303	1.232	1.195	1.243	3.39	
32) T	1,1,1-Trichlor...	3.255	2.255	2.004	2.053	2.059	1.953	1.910	2.213	21.36
-----ISTD-----										
33) I	1,4-Difluorobenzene									
34) T	2-Butanone		0.642	0.634	0.647	0.565	0.530	0.604	8.80	
35) T	Carbon Tetrach...	1.048	0.753	0.695	0.725	0.745	0.671	0.639	0.754	18.05
36) T	Benzene		1.123	1.141	1.136	0.984	0.908	1.059	10.04	
37) T	1,2-Dichloroet...		0.576	0.581	0.573	0.507	0.492	0.546	7.82	

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38) T	Trichloroethene	0.841	0.555	0.476	0.485	0.470	0.388	0.346	0.508	31.81
39) T	1,2-Dichloropr...			0.415	0.410	0.414	0.356	0.332	0.385	10.06
40) T	1,4-Dioxane			0.051	0.044	0.071	0.081	0.082	0.066	26.57
41) T	Tetrahydrofuran			0.345	0.359	0.380	0.342	0.318	0.349	6.58
42) T	Bromodichlorom...			0.719	0.758	0.803	0.711	0.664	0.731	7.15
43)	Methyl Methacr...			0.357	0.389	0.409	0.373	0.353	0.376	6.10
44) T	2,2,4-Trimethy...			1.861	1.899	1.942	1.553	1.377	1.727	14.39
45) T	t-1,3-Dichloro...			0.446	0.524	0.578	0.564	0.539	0.530	9.69
46) T	cis-1,3-Dichlo...			0.590	0.652	0.707	0.660	0.616	0.645	6.95
47) T	1,1,2-Trichlor...			0.504	0.496	0.499	0.428	0.404	0.466	10.02
48) T	Dibromochlorom...			0.612	0.681	0.732	0.670	0.635	0.666	6.92
49) T	Bromoform			0.442	0.508	0.587	0.542	0.509	0.518	10.31
50) T	4-Methyl-2-Pen...			0.788	0.834	0.886	0.795	0.740	0.808	6.79
51) T	2-Hexanone			0.661	0.747	0.803	0.753	0.715	0.736	7.12
52) T	Tetrachloroethene	0.861	0.589	0.492	0.493	0.497	0.423	0.383	0.534	29.59
53) T	Toluene			1.420	1.457	1.508	1.290	1.198	1.375	9.28
54) T	1,2-Dibromoethane			0.740	0.748	0.765	0.656	0.616	0.705	9.28
55) I	Chlorobenzene-d5	-----ISTD-----								
56)	1,1,1,2-Tetrac...			0.464	0.484	0.476	0.415	0.353	0.439	12.49
57) T	Chlorobenzene			1.128	1.119	1.068	0.892	0.749	0.991	16.70
58) T	Ethyl Benzene			1.711	1.823	1.798	1.560	1.326	1.644	12.49
59) T	m/p-Xylene			1.429	1.463	1.429	1.188	1.000	1.302	15.48
60) T	o-Xylene			1.544	1.552	1.486	1.211	1.012	1.361	17.62
61) T	Styrene			0.530	0.590	0.643	0.602	0.528	0.579	8.53
62)	Isopropylbenzene			2.016	2.037	2.025	1.710	1.448	1.847	14.17
63) T	1,1,2,2-Tetrac...	1.594	1.176	1.071	1.056	1.026	0.810	0.679	1.059	27.45
64)	n-propylbenzene			0.527	0.555	0.551	0.474	0.402	0.502	12.86
65)	tert-Butylbenzene			1.819	1.921	1.878	1.489	1.230	1.667	17.87
66) T	Benzyl Chloride			0.391	0.486	0.602	0.602	0.518	0.520	17.00
67)	sec-Butylbenzene			2.552	2.651	2.650	2.158	1.815	2.365	15.59
68) S	1-Bromo-4-Fluo...	0.777	0.770	0.773	0.758	0.743	0.772	0.717	0.759	2.83
69)	p-Isopropyltol...			2.004	2.166	2.189	1.775	1.494	1.926	15.20
70)	n-Butylbenzene			1.879	2.046	2.100	1.700	1.429	1.831	14.95
71)	2-Chlorotoluene			1.411	1.496	1.517	1.289	1.103	1.363	12.53
72) T	4-Ethyltoluene			1.560	1.670	1.704	1.464	1.245	1.528	12.08
73) T	1,3,5-Trimethy...			1.504	1.577	1.609	1.364	1.158	1.442	12.82
74) T	1,2,4-Trimethy...			1.667	1.712	1.713	1.340	1.116	1.510	17.86
75) T	1,3-Dichlorobe...			1.097	1.091	1.081	0.876	0.744	0.978	16.41
76) T	1,4-Dichlorobe...			1.105	1.086	1.094	0.909	0.776	0.994	14.73
77) T	1,2-Dichlorobe...			1.060	1.089	1.088	0.884	0.755	0.975	15.36
78) T	Hexachloro-1,3...			0.452	0.464	0.454	0.337	0.269	0.395	22.22
79) T	Naphthalene			1.030	1.173	1.248	1.067	0.879	1.079	13.12
80) T	Naphthalene, 2-...			0.185	0.194	0.217	0.183	0.218	0.199	8.62
81) T	1,2,4-Trichlor...			0.548	0.602	0.628	0.508	0.409	0.539	15.98

(#) = Out of Range