

Method Path : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\

Method File : VL082720AIR.M

Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Aug 27 06:46:28 2020

Last Update : Thu Aug 27 06:46:28 2020

Response Via : Initial Calibration

Calibration Files

0.03=VL035510.D 0.1 =VL035509.D 0.5 =VL035508.D

1 =VL035507.D 2 =VL035506.D 10 =VL035505.D

	Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
1) I	Bromochloromethane	-----ISTD-----							
2) T	Dichlorodifluorom			2.261	1.967	1.670	1.485	1.733	22.37
3)	Chlorodifluoromet			1.140	1.153	1.131	1.056	1.106	4.41
4)	Chloromethane			0.601	0.610	0.600	0.578	0.593	2.62
5) T	Vinyl Chloride	0.967	0.701	0.684	0.699	0.708	0.675	0.731	14.34
6) T	Bromomethane			0.620	0.622	0.621	0.601	0.614	1.61
7)	Chloroethane			0.261	0.257	0.264	0.253	0.258	1.69
8) T	Dichlorotetrafluor			2.290	2.297	2.183	1.954	2.099	10.98
9) T	Propene			0.444	0.432	0.430	0.409	0.426	3.20
10) T	Heptane			1.097	1.169	1.177	1.141	1.145	2.72
11) T	Trichlorofluorome			2.627	2.681	2.615	2.363	2.527	6.24
12) T	1,1,2-Trichlorotr			1.996	1.988	1.928	1.814	1.907	4.73
13)	Ethanol			0.117	0.110	0.112	0.097	0.106	10.25
14) T	Bromoethene			0.778	0.829	0.845	0.818	0.821	3.19
15) T	Acetone			1.214	1.165	1.146	0.989	1.103	9.24
16) T	1,3-Butadiene			0.396	0.411	0.419	0.409	0.411	2.15
17)	tert-Butyl alcoho			1.310	1.367	1.378	1.359	1.342	2.65
18) T	1,1-Dichloroethen			0.811	0.847	0.857	0.835	0.840	2.15
19) T	Isopropyl Alcohol			0.647	0.665	0.661	0.676	0.658	2.20
20) T	Methylene Chlorid			0.966	0.921	0.880	0.661	0.821	17.24
21) T	Allyl Chloride			0.479	0.496	0.508	0.550	0.517	6.18
22) T	trans-1,2-Dichlor			0.888	0.894	0.907	0.875	0.894	1.53
23) T	Vinyl Acetate			1.324	1.342	1.450	1.461	1.416	5.48
24) T	1,1-Dichloroethan			1.483	1.485	1.505	1.401	1.457	3.26
25) T	Ethyl Acetate			1.989	2.039	2.049	1.844	1.948	5.57
26) T	Hexane			1.100	1.145	1.184	1.045	1.104	5.51
27) T	Carbon Disulfide			1.310	1.462	1.627	1.747	1.584	12.41
28) T	Methyl tert-Butyl			1.791	1.921	2.011	1.958	1.924	4.24
29) T	Chloroform			2.293	2.305	2.312	2.162	2.249	3.31
30) T	Cyclohexane			1.033	1.167	1.238	1.230	1.183	7.54
31) T	cis-1,2-Dichloroe			1.055	1.115	1.175	1.143	1.133	4.43
32) T	1,1,1-Trichloroet	2.761	1.861	1.987	2.106	2.171	2.165	2.182	13.03
33) I	1,4-Difluorobenzene	-----ISTD-----							
34) T	2-Butanone			0.284	0.304	0.310	0.295	0.297	3.45
35) T	Carbon Tetrachlor	0.584	0.425	0.455	0.494	0.519	0.522	0.503	10.23
36) T	Benzene			0.624	0.673	0.691	0.637	0.647	5.18
37) T	1,2-Dichloroethan			0.315	0.317	0.315	0.298	0.309	3.22
38) T	Trichloroethene	0.525	0.373	0.337	0.354	0.365	0.344	0.376	17.92
39) T	1,2-Dichloropropa			0.216	0.226	0.229	0.214	0.219	3.90
40) T	1,4-Dioxane			0.098	0.112	0.114	0.117	0.109	6.96
41) T	Tetrahydrofuran			0.140	0.151	0.164	0.167	0.157	7.44
42) T	Bromodichlorometh			0.451	0.494	0.519	0.521	0.499	5.78
43)	Methyl Methacryla			0.211	0.245	0.266	0.266	0.250	9.36
44) T	2,2,4-Trimethylpe			0.837	0.912	0.931	0.818	0.852	8.24
45) T	t-1,3-Dichloropro			0.183	0.218	0.258	0.303	0.254	21.14
46) T	cis-1,3-Dichlorop			0.246	0.287	0.327	0.358	0.315	15.24
47) T	1,1,2-Trichloroet			0.319	0.333	0.334	0.316	0.323	3.10
48) T	Dibromochlorometh			0.416	0.479	0.530	0.560	0.508	11.84
49) T	Bromoform			0.333	0.416	0.478	0.538	0.460	18.95
50) T	4-Methyl-2-Pentan			0.389	0.441	0.458	0.438	0.430	6.01
51) T	2-Hexanone			0.296	0.341	0.369	0.381	0.353	9.96
52) T	Tetrachloroethene	0.458	0.361	0.368	0.375	0.376	0.357	0.378	9.59

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	Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
53) T	Toluene			0.743	0.840	0.887	0.820	0.814	6.80
54) T	1,2-Dibromoethane			0.488	0.518	0.534	0.508	0.510	3.43
55) I	Chlorobenzene-d5	-----ISTD-----							
56)	1,1,1,2-Tetrachlo			0.392	0.412	0.424	0.406	0.407	2.96
57) T	Chlorobenzene			0.812	0.808	0.768	0.662	0.736	11.53
58) T	Ethyl Benzene			0.993	1.097	1.131	0.995	1.031	7.72
59) T	m/p-Xylene			0.867	0.937	0.942	0.804	0.862	9.38
60) T	o-Xylene			0.856	0.940	0.940	0.824	0.868	8.20
61) T	Styrene			0.568	0.676	0.724	0.687	0.664	8.75
62)	Isopropylbenzene			1.443	1.557	1.530	1.272	1.394	12.08
63) T	1,1,2,2-Tetrachlo	0.954	0.626	0.664	0.672	0.665	0.579	0.673	19.69
64)	n-propylbenzene			0.409	0.448	0.452	0.413	0.425	5.36
65)	tert-Butylbenzene			1.246	1.427	1.468	1.213	1.296	11.22
66) T	Benzyl Chloride			0.201	0.244	0.298	0.426	0.322	33.49
67)	sec-Butylbenzene			1.723	1.945	1.988	1.567	1.727	14.27
68) S	1-Bromo-4-Fluorob	0.725	0.721	0.725	0.717	0.696	0.690	0.710	2.15
69)	p-Isopropyltoluen			1.493	1.676	1.726	1.400	1.514	12.35
70)	n-Butylbenzene			1.442	1.613	1.659	1.349	1.459	12.29
71)	2-Chlorotoluene			0.986	1.095	1.107	0.970	1.015	8.11
72) T	4-Ethyltoluene			1.035	1.190	1.220	1.068	1.103	8.75
73) T	1,3,5-Trimethylbe			0.952	1.101	1.131	0.984	1.020	8.76
74) T	1,2,4-Trimethylbe			1.135	1.239	1.245	1.028	1.121	11.37
75) T	1,3-Dichlorobenze			0.872	0.906	0.889	0.757	0.830	9.95
76) T	1,4-Dichlorobenze			0.835	0.882	0.873	0.767	0.819	7.86
77) T	1,2-Dichlorobenze			0.832	0.865	0.861	0.744	0.804	8.48
78) T	Hexachloro-1,3-Bu			0.514	0.558	0.565	0.470	0.513	9.46
79) T	Naphthalene			1.074	1.262	1.396	1.269	1.243	9.32
80) T	Naphthalene,2-met			0.261	0.352	0.464	0.512	0.424	27.17
81) T	1,2,4-Trichlorobe			0.702	0.773	0.807	0.725	0.745	5.89

(#) = Out of Range ### Number of calibration levels exceeded format ###