

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

Method File : VL082320AIR.M

Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Sun Aug 23 12:40:32 2020

Last Update : Sun Aug 23 12:40:32 2020

Response Via : Initial Calibration

Calibration Files

0.03=VL035496.D 0.1 =VL035495.D 0.5 =VL035494.D

1 =VL035493.D 2 =VL035492.D 10 =VL035491.D

	Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
1) I	Bromochloromethane	-----ISTD-----							
2) T	Dichlorodifluorom			2.380	2.108	1.724	1.596	1.851	20.76
3)	Chlorodifluoromet			1.212	1.194	1.144	1.069	1.132	6.67
4)	Chloromethane			0.610	0.605	0.590	0.565	0.585	4.11
5) T	Vinyl Chloride	0.547	0.790	0.735	0.716	0.704	0.680	0.692	10.86
6) T	Bromomethane			0.674	0.655	0.635	0.612	0.636	4.69
7)	Chloroethane			0.283	0.271	0.261	0.253	0.264	4.94
8) T	Dichlorotetrafluor			2.429	2.392	2.233	1.996	2.180	11.56
9) T	Propene			0.499	0.453	0.430	0.417	0.441	8.41
10) T	Heptane			1.194	1.199	1.196	1.149	1.171	3.10
11) T	Trichlorofluorome			2.902	2.856	2.699	2.443	2.654	9.02
12) T	1,1,2-Trichlorotr			2.151	2.063	1.999	1.855	1.977	7.06
13)	Ethanol			0.133	0.139	0.144	0.111	0.126	14.28
14) T	Bromoethene			0.866	0.875	0.882	0.855	0.864	1.81
15) T	Acetone			1.181	1.183	1.110	0.911	1.057	13.41
16) T	1,3-Butadiene			0.428	0.449	0.432	0.409	0.426	3.80
17)	tert-Butyl alcoho			1.400	1.408	1.368	1.383	1.370	3.44
18) T	1,1-Dichloroethen			0.893	0.903	0.876	0.857	0.876	2.50
19) T	Isopropyl Alcohol			0.724	0.728	0.677	0.697	0.697	4.17
20) T	Methylene Chlorid			1.578	1.423	1.381	0.687	1.148	37.76
21) T	Allyl Chloride			0.526	0.537	0.542	0.550	0.541	1.77
22) T	trans-1,2-Dichlor			0.964	0.933	0.929	0.906	0.927	2.65
23) T	Vinyl Acetate			1.286	1.385	1.473	1.459	1.411	5.52
24) T	1,1-Dichloroethan			1.562	1.529	1.528	1.427	1.486	5.07
25) T	Ethyl Acetate			2.205	2.221	2.109	1.871	2.037	9.87
26) T	Hexane			1.371	1.378	1.360	1.058	1.238	14.55
27) T	Carbon Disulfide			1.444	1.565	1.675	1.791	1.651	8.92
28) T	Methyl tert-Butyl			2.010	2.063	2.067	1.986	2.010	2.97
29) T	Chloroform			2.554	2.458	2.370	2.220	2.354	6.85
30) T	Cyclohexane			1.205	1.251	1.278	1.259	1.246	2.20
31) T	cis-1,2-Dichloroe			1.144	1.195	1.185	1.177	1.173	1.67
32) T	1,1,1-Trichloroet	1.685	2.176	2.183	2.259	2.258	2.249	2.150	9.67
33) I	1,4-Difluorobenzene	-----ISTD-----							
34) T	2-Butanone			0.302	0.300	0.306	0.285	0.294	4.21
35) T	Carbon Tetrachlor	0.352	0.475	0.495	0.515	0.534	0.527	0.487	12.90
36) T	Benzene			0.674	0.697	0.688	0.631	0.657	6.70
37) T	1,2-Dichloroethan			0.336	0.319	0.314	0.294	0.311	6.11
38) T	Trichloroethene	0.349	0.403	0.376	0.372	0.373	0.343	0.363	6.88
39) T	1,2-Dichloropropa			0.228	0.229	0.228	0.209	0.219	5.77
40) T	1,4-Dioxane			0.089	0.120	0.111	0.117	0.109	11.33
41) T	Tetrahydrofuran			0.152	0.159	0.164	0.163	0.160	3.10
42) T	Bromodichlorometh			0.482	0.514	0.526	0.519	0.508	3.43
43)	Methyl Methacryla			0.237	0.255	0.262	0.260	0.254	3.90
44) T	2,2,4-Trimethylpe			0.897	0.935	0.923	0.798	0.858	10.18
45) T	t-1,3-Dichloropro			0.206	0.228	0.263	0.303	0.261	16.66
46) T	cis-1,3-Dichlorop			0.269	0.302	0.336	0.357	0.323	11.30
47) T	1,1,2-Trichloroet			0.342	0.348	0.337	0.315	0.329	5.71
48) T	Dibromochlorometh			0.451	0.504	0.550	0.565	0.524	8.90
49) T	Bromoform			0.388	0.451	0.505	0.549	0.487	13.81
50) T	4-Methyl-2-Pentan			0.405	0.440	0.444	0.421	0.423	4.57
51) T	2-Hexanone			0.304	0.348	0.360	0.361	0.345	6.83
52) T	Tetrachloroethene	0.373	0.410	0.400	0.396	0.389	0.361	0.382	5.93

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	Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
53) T	Toluene			0.817	0.874	0.890	0.814	0.831	6.21
54) T	1,2-Dibromoethane			0.530	0.541	0.542	0.510	0.523	4.20
55) I	Chlorobenzene-d5	-----ISTD-----							
56)	1,1,1,2-Tetrachlo			0.417	0.436	0.432	0.437	0.424	3.98
57) T	Chlorobenzene			0.847	0.819	0.773	0.708	0.753	12.18
58) T	Ethyl Benzene			1.097	1.143	1.139	1.067	1.074	8.43
59) T	m/p-Xylene			0.960	0.992	0.972	0.871	0.914	9.88
60) T	o-Xylene			0.935	0.968	0.943	0.874	0.897	9.12
61) T	Styrene			0.636	0.713	0.728	0.729	0.691	6.41
62)	Isopropylbenzene			1.568	1.614	1.562	1.368	1.453	13.23
63) T	1,1,2,2-Tetrachlo	0.641	0.678	0.712	0.716	0.673	0.611	0.653	9.58
64)	n-propylbenzene			0.446	0.467	0.456	0.439	0.442	5.83
65)	tert-Butylbenzene			1.441	1.531	1.507	1.311	1.381	12.44
66) T	Benzyl Chloride			0.217	0.256	0.312	0.462	0.338	32.56
67)	sec-Butylbenzene			1.964	2.087	2.036	1.691	1.835	15.71
68) S	1-Bromo-4-Fluorob	0.725	0.724	0.722	0.712	0.692	0.730	0.715	2.07
69)	p-Isopropyltoluen			1.639	1.798	1.781	1.509	1.599	13.69
70)	n-Butylbenzene			1.618	1.712	1.681	1.442	1.533	13.50
71)	2-Chlorotoluene			1.073	1.133	1.111	1.030	1.050	8.73
72) T	4-Ethyltoluene			1.142	1.226	1.236	1.137	1.145	8.80
73) T	1,3,5-Trimethylbe			1.055	1.134	1.137	1.056	1.061	8.25
74) T	1,2,4-Trimethylbe			1.239	1.282	1.251	1.098	1.162	12.30
75) T	1,3-Dichlorobenze			0.951	0.957	0.917	0.813	0.871	11.86
76) T	1,4-Dichlorobenze			0.954	0.945	0.899	0.832	0.872	10.58
77) T	1,2-Dichlorobenze			0.948	0.934	0.893	0.804	0.859	11.33
78) T	Hexachloro-1,3-Bu			0.648	0.649	0.660	0.543	0.596	13.38
79) T	Naphthalene			1.402	1.553	1.648	1.433	1.461	9.89
80) T	Naphthalene,2-met			0.432	0.558	0.710	0.630	0.585	17.53
81) T	1,2,4-Trichlorobe			0.879	0.918	0.926	0.822	0.859	8.52

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