

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

Method File : VL050620AIR.M

Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed May 06 14:49:39 2020

Last Update : Wed May 06 14:49:39 2020

Response Via : Initial Calibration

Calibration Files

0.03=VL034941.D 0.1 =VL034940.D 0.5 =VL034939.D

1 =VL034938.D 2 =VL034937.D 10 =VL034936.D

	Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
1) I	Bromochloromethane	-----ISTD-----							
2) T	Dichlorodifluorom			2.132	1.625	1.355	1.067	1.419	33.96
3)	Chlorodifluoromet			1.278	1.256	1.239	0.975	1.142	13.99
4)	Chloromethane			0.718	0.715	0.712	0.564	0.654	12.68
5) T	Vinyl Chloride	0.763	0.612	0.640	0.658	0.688	0.557	0.638	11.67
6) T	Bromomethane			0.416	0.423	0.414	0.334	0.381	13.25
7)	Chloroethane			0.241	0.256	0.246	0.207	0.229	11.43
8) T	Dichlorotetrafluor			1.697	1.682	1.601	1.248	1.469	18.27
9) T	Propene			0.521	0.530	0.536	0.441	0.495	9.38
10) T	Heptane			1.148	1.289	1.370	1.191	1.241	7.10
11) T	Trichlorofluorome			1.624	1.641	1.601	1.284	1.463	15.11
12) T	1,1,2-Trichlorotr			1.198	1.132	1.151	0.911	1.042	16.00
13)	Ethanol			0.172	0.217	0.186	0.134	0.163	26.06
14) T	Bromoethene			0.458	0.459	0.459	0.406	0.431	9.43
15) T	Acetone			1.626	1.528	1.498	1.002	1.322	23.96
16) T	1,3-Butadiene			0.631	0.561	0.639	0.508	0.569	11.29
17)	tert-Butyl alcoho			1.350	1.315	1.282	1.052	1.176	17.14
18) T	1,1-Dichloroethen			0.482	0.480	0.493	0.425	0.452	10.58
19) T	Isopropyl Alcohol			1.023	0.996	0.977	0.772	0.882	18.97
20) T	Methylene Chlorid			0.527	0.485	0.471	0.372	0.438	18.66
21) T	Allyl Chloride			0.748	0.764	0.829	0.721	0.747	7.67
22) T	trans-1,2-Dichlor			0.425	0.489	0.520	0.429	0.448	12.74
23) T	Vinyl Acetate			1.551	1.736	1.979	1.566	1.676	11.14
24) T	1,1-Dichloroethan			1.449	1.394	1.391	1.136	1.291	12.94
25) T	Ethyl Acetate			2.357	2.371	2.445	1.995	2.221	10.64
26) T	Hexane			0.957	1.055	1.050	0.879	0.963	9.17
27) T	Carbon Disulfide			1.114	1.194	1.242	1.133	1.135	8.34
28) T	Methyl tert-Butyl			1.496	1.559	1.628	1.372	1.466	9.70
29) T	Chloroform			1.755	1.724	1.712	1.364	1.575	13.56
30) T	Cyclohexane			0.691	0.735	0.821	0.735	0.743	6.36
31) T	cis-1,2-Dichloroe			0.924	0.951	1.029	0.891	0.939	5.86
32) T	1,1,1-Trichloroet	1.360	1.458	1.485	1.534	1.550	1.308	1.423	7.94
33) I	1,4-Difluorobenzene	-----ISTD-----							
34) T	2-Butanone			0.607	0.681	0.696	0.559	0.622	10.36
35) T	Carbon Tetrachlor	0.641	0.610	0.666	0.666	0.698	0.583	0.631	8.10
36) T	Benzene			0.802	0.882	0.936	0.756	0.824	9.97
37) T	1,2-Dichloroethan			0.552	0.548	0.548	0.452	0.509	10.90
38) T	Trichloroethene	0.377	0.280	0.320	0.350	0.345	0.286	0.319	12.38
39) T	1,2-Dichloropropa			0.349	0.347	0.356	0.297	0.331	8.60
40) T	1,4-Dioxane			0.142	0.155	0.148	0.120	0.134	15.24
41) T	Tetrahydrofuran			0.292	0.334	0.369	0.318	0.327	8.49
42) T	Bromodichlorometh			0.717	0.733	0.747	0.624	0.686	9.47
43)	Methyl Methacryla			0.305	0.356	0.382	0.347	0.348	7.95
44) T	2,2,4-Trimethylpe			1.489	1.613	1.662	1.304	1.466	12.26
45) T	t-1,3-Dichloropro			0.265	0.320	0.380	0.392	0.351	16.41
46) T	cis-1,3-Dichlorop			0.331	0.421	0.479	0.459	0.431	13.97
47) T	1,1,2-Trichloroet			0.358	0.382	0.382	0.311	0.349	10.33
48) T	Dibromochlorometh			0.508	0.549	0.595	0.520	0.536	6.81
49) T	Bromoform			0.422	0.462	0.512	0.461	0.461	7.01
50) T	4-Methyl-2-Pentan			0.834	0.922	0.994	0.835	0.886	7.93
51) T	2-Hexanone			0.601	0.700	0.767	0.690	0.693	8.58
52) T	Tetrachloroethene	0.340	0.287	0.284	0.296	0.325	0.261	0.293	10.30

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

Method File : VL050620AIR.M

Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed May 06 14:49:39 2020

Last Update : Wed May 06 14:49:39 2020

Response Via : Initial Calibration

Calibration Files

0.03=VL034941.D 0.1 =VL034940.D 0.5 =VL034939.D

1 =VL034938.D 2 =VL034937.D 10 =VL034936.D

	Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
53) T	Toluene			0.733	0.896	1.007	0.869	0.874	11.18
54) T	1,2-Dibromoethane			0.511	0.543	0.568	0.474	0.512	8.59
55) I	Chlorobenzene-d5	-----ISTD-----							
56)	1,1,1,2-Tetrachlo			0.499	0.499	0.492	0.392	0.451	13.99
57) T	Chlorobenzene			0.913	0.886	0.866	0.660	0.792	16.74
58) T	Ethyl Benzene			1.109	1.328	1.428	1.184	1.237	11.06
59) T	m/p-Xylene			1.088	1.203	1.245	0.978	1.088	12.70
60) T	o-Xylene			1.038	1.198	1.250	0.966	1.074	13.52
61) T	Styrene			0.532	0.690	0.799	0.693	0.679	14.04
62)	Isopropylbenzene			1.650	1.806	1.798	1.427	1.603	13.41
63) T	1,1,2,2-Tetrachlo	0.966	0.857	0.940	0.919	0.905	0.682	0.845	15.19
64)	n-propylbenzene			0.403	0.444	0.471	0.375	0.411	11.12
65)	tert-Butylbenzene			1.395	1.547	1.662	1.214	1.390	15.92
66) T	Benzyl Chloride			0.393	0.437	0.526	0.508	0.472	11.69
67)	sec-Butylbenzene			1.896	2.312	2.352	1.742	1.985	16.74
68) S	1-Bromo-4-Fluorob	0.819	0.843	0.844	0.813	0.790	0.786	0.809	3.46
69)	p-Isopropyltoluen			1.553	1.775	1.922	1.435	1.606	14.93
70)	n-Butylbenzene			1.660	1.919	2.056	1.502	1.709	16.06
71)	2-Chlorotoluene			1.179	1.317	1.395	1.105	1.210	11.85
72) T	4-Ethyltoluene			1.080	1.315	1.401	1.112	1.198	12.50
73) T	1,3,5-Trimethylbe			1.112	1.295	1.366	1.052	1.166	13.50
74) T	1,2,4-Trimethylbe			1.325	1.454	1.500	1.082	1.272	17.45
75) T	1,3-Dichlorobenze			0.865	0.832	0.837	0.613	0.747	17.98
76) T	1,4-Dichlorobenze			0.742	0.800	0.793	0.615	0.710	13.64
77) T	1,2-Dichlorobenze			0.762	0.803	0.795	0.593	0.704	16.31
78) T	Hexachloro-1,3-Bu			0.705	0.691	0.683	0.475	0.600	21.30
79) T	Naphthalene			0.740	0.960	1.097	1.082	0.991	15.20
80) T	Naphthalene,2-met			0.085	0.069	0.104	0.453	0.244	89.14
81) T	1,2,4-Trichlorobe			0.561	0.626	0.694	0.569	0.601	9.89

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