

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

Method File : VL061920AIR.M

Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LSat Jun 20 02:10:36 2020

Last Update : Sat Jun 20 02:10:36 2020

Response Via : Initial Calibration

Calibration Files

0.03=VL035101.D 0.1 =VL035100.D 0.5 =VL035099.D

1 =VL035098.D 2 =VL035097.D 10 =VL035096.D

	Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
1) I	Bromochloromethane	-----ISTD-----							
2) T	Dichlorodifluorom			1.739	1.577	1.329	1.162	1.350	23.54
3)	Chlorodifluoromet			1.199	1.184	1.197	0.989	1.105	11.05
4)	Chloromethane			0.657	0.657	0.651	0.569	0.619	7.95
5) T	Vinyl Chloride	0.554	0.604	0.590	0.625	0.631	0.556	0.589	5.48
6) T	Bromomethane			0.396	0.377	0.380	0.339	0.366	7.20
7)	Chloroethane			0.247	0.230	0.226	0.205	0.222	8.29
8) T	Dichlorotetrafluor			1.665	1.558	1.552	1.278	1.448	14.14
9) T	Propene			0.424	0.442	0.481	0.417	0.437	5.96
10) T	Heptane			0.962	1.169	1.220	1.135	1.134	8.86
11) T	Trichlorofluorome			1.592	1.597	1.498	1.283	1.443	11.76
12) T	1,1,2-Trichlorotr			1.147	1.066	0.999	0.900	0.998	11.38
13)	Ethanol			0.237	0.194	0.188	0.109	0.165	35.98
14) T	Bromoethene			0.432	0.452	0.456	0.405	0.430	5.79
15) T	Acetone			1.407	1.377	1.287	0.990	1.209	17.16
16) T	1,3-Butadiene			0.524	0.548	0.563	0.507	0.530	4.61
17)	tert-Butyl alcoho			1.171	1.168	1.059	1.024	1.071	9.32
18) T	1,1-Dichloroethen			0.452	0.498	0.468	0.422	0.450	7.94
19) T	Isopropyl Alcohol			0.899	0.891	0.767	0.711	0.785	13.69
20) T	Methylene Chlorid			0.589	0.582	0.542	0.367	0.489	23.08
21) T	Allyl Chloride			0.735	0.715	0.739	0.704	0.719	2.46
22) T	trans-1,2-Dichlor			0.432	0.436	0.428	0.402	0.421	3.78
23) T	Vinyl Acetate			1.281	1.473	1.637	1.463	1.468	8.62
24) T	1,1-Dichloroethan			1.339	1.316	1.295	1.131	1.237	8.92
25) T	Ethyl Acetate			2.332	2.315	2.331	1.970	2.182	9.04
26) T	Hexane			0.985	1.073	1.106	0.872	0.984	10.84
27) T	Carbon Disulfide			0.926	0.991	1.033	1.065	1.018	5.98
28) T	Methyl tert-Butyl			1.331	1.454	1.496	1.340	1.382	6.36
29) T	Chloroform			1.733	1.636	1.588	1.377	1.539	10.61
30) T	Cyclohexane			0.596	0.684	0.757	0.748	0.706	9.66
31) T	cis-1,2-Dichloroe			0.866	0.914	0.950	0.902	0.907	3.32
32) T	1,1,1-Trichloroet	1.590	1.412	1.428	1.436	1.480	1.334	1.428	6.43
33) I	1,4-Difluorobenzene	-----ISTD-----							
34) T	2-Butanone			0.558	0.604	0.634	0.537	0.574	7.43
35) T	Carbon Tetrachlor	0.662	0.596	0.571	0.591	0.636	0.577	0.600	6.07
36) T	Benzene			0.745	0.796	0.844	0.749	0.774	5.84
37) T	1,2-Dichloroethan			0.504	0.528	0.516	0.454	0.489	7.62
38) T	Trichloroethene	0.321	0.299	0.279	0.309	0.321	0.293	0.301	5.66
39) T	1,2-Dichloropropa			0.305	0.301	0.317	0.293	0.303	3.03
40) T	1,4-Dioxane			0.137	0.140	0.120	0.105	0.119	16.32
41) T	Tetrahydrofuran			0.250	0.286	0.321	0.301	0.293	9.30
42) T	Bromodichlorometh			0.621	0.624	0.691	0.625	0.634	5.15
43)	Methyl Methacryla			0.275	0.325	0.351	0.343	0.328	9.48
44) T	2,2,4-Trimethylpe			1.314	1.441	1.486	1.286	1.352	7.99
45) T	t-1,3-Dichloropro			0.210	0.281	0.334	0.379	0.319	23.37
46) T	cis-1,3-Dichlorop			0.300	0.360	0.420	0.447	0.396	16.46
47) T	1,1,2-Trichloroet			0.328	0.349	0.350	0.314	0.331	5.58
48) T	Dibromochlorometh			0.415	0.483	0.534	0.518	0.493	9.59
49) T	Bromoform			0.340	0.399	0.454	0.451	0.419	11.81
50) T	4-Methyl-2-Pentan			0.736	0.841	0.891	0.804	0.816	6.96
51) T	2-Hexanone			0.530	0.617	0.719	0.657	0.639	11.12
52) T	Tetrachloroethene	0.276	0.292	0.243	0.284	0.287	0.265	0.273	6.30

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

Method File : VL061920AIR.M

Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Sat Jun 20 02:10:36 2020

Last Update : Sat Jun 20 02:10:36 2020

Response Via : Initial Calibration

Calibration Files

0.03=VL035101.D 0.1 =VL035100.D 0.5 =VL035099.D

1 =VL035098.D 2 =VL035097.D 10 =VL035096.D

	Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
53) T	Toluene			0.660	0.821	0.921	0.866	0.826	12.01
54) T	1,2-Dibromoethane			0.465	0.517	0.520	0.473	0.489	5.47
55) I	Chlorobenzene-d5	-----ISTD-----							
56)	1,1,1,2-Tetrachlo			0.410	0.436	0.445	0.376	0.409	7.69
57) T	Chlorobenzene			0.787	0.838	0.782	0.639	0.736	12.74
58) T	Ethyl Benzene			0.920	1.186	1.278	1.112	1.124	11.73
59) T	m/p-Xylene			0.955	1.080	1.115	0.926	0.996	9.57
60) T	o-Xylene			0.979	1.064	1.083	0.919	0.991	8.03
61) T	Styrene			0.479	0.614	0.697	0.655	0.624	13.84
62)	Isopropylbenzene			1.451	1.632	1.648	1.341	1.479	10.46
63) T	1,1,2,2-Tetrachlo	1.018	0.812	0.828	0.842	0.832	0.646	0.803	16.04
64)	n-propylbenzene			0.364	0.391	0.415	0.357	0.378	6.55
65)	tert-Butylbenzene			1.202	1.385	1.459	1.157	1.267	11.55
66) T	Benzyl Chloride			0.331	0.330	0.395	0.435	0.391	15.63
67)	sec-Butylbenzene			1.769	1.998	2.081	1.644	1.816	11.95
68) S	1-Bromo-4-Fluorob	0.857	0.862	0.862	0.842	0.808	0.781	0.831	3.98
69)	p-Isopropyltoluen			1.327	1.563	1.687	1.354	1.448	11.62
70)	n-Butylbenzene			1.487	1.708	1.830	1.401	1.560	12.84
71)	2-Chlorotoluene			1.029	1.206	1.266	1.046	1.118	9.81
72) T	4-Ethyltoluene			0.959	1.189	1.231	1.065	1.103	9.83
73) T	1,3,5-Trimethylbe			0.945	1.109	1.189	0.986	1.042	9.86
74) T	1,2,4-Trimethylbe			1.195	1.286	1.336	1.009	1.163	13.53
75) T	1,3-Dichlorobenze			0.775	0.790	0.746	0.584	0.694	15.12
76) T	1,4-Dichlorobenze			0.681	0.726	0.740	0.583	0.664	11.08
77) T	1,2-Dichlorobenze			0.640	0.720	0.719	0.546	0.635	13.40
78) T	Hexachloro-1,3-Bu			0.640	0.641	0.670	0.448	0.571	19.15
79) T	Naphthalene			0.863	1.042	1.191	0.984	1.020	11.56
80) T	Naphthalene,2-met			0.218	0.314	0.436	0.463	0.390	31.22
81) T	1,2,4-Trichlorobe			0.598	0.625	0.655	0.523	0.588	9.41

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