

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

Method File : VL070820AIR.M

Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Jul 08 07:05:23 2020

Last Update : Wed Jul 08 07:05:23 2020

Response Via : Initial Calibration

Calibration Files

0.03=VL035173.D 0.1 =VL035172.D 0.5 =VL035171.D

1 =VL035170.D 2 =VL035169.D 10 =VL035168.D

	Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
1) I	Bromochloromethane	-----ISTD-----							
2) T	Dichlorodifluorom			1.874	1.677	1.318	1.182	1.401	26.52
3)	Chlorodifluoromet			1.231	1.246	1.173	0.942	1.105	14.12
4)	Chloromethane			0.694	0.671	0.672	0.531	0.623	12.54
5) T	Vinyl Chloride	0.863	0.737	0.676	0.644	0.644	0.543	0.665	16.63
6) T	Bromomethane			0.405	0.394	0.401	0.345	0.378	8.27
7)	Chloroethane			0.267	0.254	0.235	0.209	0.235	11.06
8) T	Dichlorotetrafluor			1.855	1.712	1.608	1.285	1.536	17.84
9) T	Propene			0.405	0.453	0.454	0.385	0.417	8.13
10) T	Heptane			0.979	1.056	1.132	1.077	1.072	5.59
11) T	Trichlorofluorome			1.832	1.736	1.672	1.367	1.583	14.72
12) T	1,1,2-Trichlorotr			1.297	1.207	1.157	0.965	1.111	14.21
13)	Ethanol			0.169	0.171	0.145	0.082	0.133	30.67
14) T	Bromoethene			0.479	0.489	0.474	0.419	0.457	7.09
15) T	Acetone			1.716	1.570	1.451	1.024	1.354	23.84
16) T	1,3-Butadiene			0.538	0.513	0.556	0.490	0.520	5.20
17)	tert-Butyl alcoho			1.286	1.294	1.205	1.075	1.198	8.00
18) T	1,1-Dichloroethen			0.540	0.520	0.519	0.448	0.492	9.68
19) T	Isopropyl Alcohol			0.935	0.883	0.804	0.694	0.817	11.64
20) T	Methylene Chlorid			0.786	0.710	0.670	0.394	0.589	31.67
21) T	Allyl Chloride			0.872	0.810	0.820	0.713	0.788	8.56
22) T	trans-1,2-Dichlor			0.557	0.526	0.499	0.445	0.491	10.87
23) T	Vinyl Acetate			1.308	1.612	1.576	1.397	1.465	8.64
24) T	1,1-Dichloroethan			1.386	1.368	1.316	1.116	1.259	10.89
25) T	Ethyl Acetate			2.156	2.264	2.248	1.910	2.101	8.17
26) T	Hexane			0.942	0.981	1.001	0.854	0.926	7.55
27) T	Carbon Disulfide			1.363	1.373	1.360	1.206	1.294	7.69
28) T	Methyl tert-Butyl			1.383	1.492	1.528	1.327	1.411	6.66
29) T	Chloroform			1.708	1.697	1.646	1.363	1.553	11.62
30) T	Cyclohexane			0.614	0.630	0.726	0.723	0.685	8.54
31) T	cis-1,2-Dichloroe			0.839	0.910	0.914	0.851	0.876	3.90
32) T	1,1,1-Trichloroet	1.845	1.770	1.505	1.550	1.539	1.356	1.556	12.38
33) I	1,4-Difluorobenzene	-----ISTD-----							
34) T	2-Butanone			0.505	0.562	0.592	0.495	0.534	7.75
35) T	Carbon Tetrachlor	0.712	0.695	0.664	0.631	0.667	0.590	0.649	7.64
36) T	Benzene			0.670	0.746	0.783	0.704	0.724	5.89
37) T	1,2-Dichloroethan			0.518	0.516	0.504	0.443	0.486	7.67
38) T	Trichloroethene	0.321	0.294	0.265	0.287	0.326	0.287	0.295	7.27
39) T	1,2-Dichloropropa			0.276	0.294	0.314	0.272	0.288	5.83
40) T	1,4-Dioxane			0.112	0.120	0.114	0.112	0.115	2.66
41) T	Tetrahydrofuran			0.222	0.251	0.305	0.275	0.267	11.97
42) T	Bromodichlorometh			0.645	0.655	0.703	0.621	0.649	5.27
43)	Methyl Methacryla			0.236	0.295	0.333	0.324	0.306	14.08
44) T	2,2,4-Trimethylpe			1.117	1.312	1.381	1.217	1.249	8.10
45) T	t-1,3-Dichloropro			0.240	0.286	0.324	0.366	0.321	18.77
46) T	cis-1,3-Dichlorop			0.290	0.332	0.408	0.427	0.381	17.64
47) T	1,1,2-Trichloroet			0.307	0.322	0.336	0.302	0.315	4.33
48) T	Dibromochlorometh			0.451	0.514	0.552	0.520	0.513	7.26
49) T	Bromoform			0.399	0.445	0.472	0.460	0.448	6.60
50) T	4-Methyl-2-Pentan			0.625	0.790	0.843	0.776	0.766	10.82
51) T	2-Hexanone			0.433	0.543	0.665	0.624	0.584	16.70
52) T	Tetrachloroethene	0.273	0.312	0.253	0.254	0.281	0.255	0.270	7.87

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

Method File : VL070820AIR.M

Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Jul 08 07:05:23 2020

Last Update : Wed Jul 08 07:05:23 2020

Response Via : Initial Calibration

Calibration Files

0.03=VL035173.D 0.1 =VL035172.D 0.5 =VL035171.D

1 =VL035170.D 2 =VL035169.D 10 =VL035168.D

	Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
53) T	Toluene			0.572	0.741	0.838	0.831	0.764	15.05
54) T	1,2-Dibromoethane			0.427	0.477	0.500	0.462	0.468	5.72
55) I	Chlorobenzene-d5	-----ISTD-----							
56)	1,1,1,2-Tetrachlo			0.475	0.487	0.472	0.400	0.443	11.01
57) T	Chlorobenzene			0.833	0.785	0.789	0.651	0.737	12.45
58) T	Ethyl Benzene			0.926	1.133	1.228	1.143	1.105	10.05
59) T	m/p-Xylene			0.903	1.073	1.094	0.953	0.985	9.40
60) T	o-Xylene			0.903	1.028	1.108	0.959	0.983	8.68
61) T	Styrene			0.441	0.558	0.683	0.681	0.607	17.55
62)	Isopropylbenzene			1.367	1.540	1.641	1.401	1.457	8.86
63) T	1,1,2,2-Tetrachlo	1.045	0.878	0.839	0.828	0.818	0.682	0.821	15.68
64)	n-propylbenzene			0.346	0.378	0.415	0.375	0.376	6.65
65)	tert-Butylbenzene			1.211	1.393	1.499	1.254	1.308	10.20
66) T	Benzyl Chloride			0.396	0.429	0.488	0.508	0.466	10.93
67)	sec-Butylbenzene			1.776	2.102	2.187	1.801	1.907	11.73
68) S	1-Bromo-4-Fluorob	0.845	0.847	0.836	0.816	0.791	0.783	0.812	3.97
69)	p-Isopropyltoluen			1.311	1.538	1.742	1.479	1.495	10.85
70)	n-Butylbenzene			1.369	1.703	1.834	1.549	1.585	11.68
71)	2-Chlorotoluene			0.992	1.122	1.253	1.095	1.102	8.83
72) T	4-Ethyltoluene			0.917	1.149	1.253	1.131	1.107	11.07
73) T	1,3,5-Trimethylbe			0.936	1.119	1.195	1.066	1.068	9.14
74) T	1,2,4-Trimethylbe			1.167	1.271	1.309	1.111	1.180	9.33
75) T	1,3-Dichlorobenze			0.878	0.813	0.794	0.636	0.747	15.46
76) T	1,4-Dichlorobenze			0.733	0.724	0.746	0.646	0.695	8.05
77) T	1,2-Dichlorobenze			0.694	0.731	0.728	0.614	0.673	9.39
78) T	Hexachloro-1,3-Bu			0.621	0.600	0.565	0.449	0.532	16.87
79) T	Naphthalene			0.523	0.650	0.788	0.926	0.764	23.28
80) T	Naphthalene,2-met			0.042	0.056	0.091	0.346	0.180	89.57
81) T	1,2,4-Trichlorobe			0.431	0.458	0.507	0.513	0.484	7.70

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