

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

Method File : VL030321AIR.M

Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Mar 03 14:18:24 2021

Last Update : Wed Mar 03 14:18:24 2021

Response Via : Initial Calibration

Calibration Files

0.03=VL036438.D 0.1 =VL036437.D 0.5 =VL036436.D

1 =VL036435.D 2 =VL036434.D 10 =VL036433.D

	Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
1) I	Bromochloromethane	-----ISTD-----							
2) T	Dichlorodifluorom			1.703	1.525	1.394	1.212	1.382	17.93
3)	Chlorodifluoromet			1.275	1.236	1.250	1.073	1.183	8.28
4)	Chloromethane			0.583	0.538	0.616	0.541	0.562	6.52
5) T	Vinyl Chloride	0.540	0.448	0.593	0.506	0.571	0.522	0.531	8.84
6) T	Bromomethane			0.364	0.322	0.344	0.304	0.329	7.47
7)	Chloroethane			0.208	0.208	0.203	0.190	0.200	4.56
8) T	Dichlorotetrafluo			1.482	1.455	1.452	1.237	1.358	10.82
9) T	Propene			0.539	0.494	0.556	0.493	0.515	5.74
10) T	Heptane			1.109	1.293	1.426	1.265	1.271	8.86
11) T	Trichlorofluorome			1.585	1.410	1.502	1.327	1.427	8.15
12) T	1,1,2-Trichlorotr			0.956	0.911	0.994	0.850	0.910	7.31
13)	Ethanol			0.074	0.073	0.090	0.084	0.079	9.79
14) T	Bromoethene			0.393	0.372	0.383	0.367	0.378	2.72
15) T	Acetone			1.206	1.261	1.250	0.994	1.143	11.65
16) T	1,3-Butadiene			0.540	0.547	0.614	0.519	0.551	6.61
17)	tert-Butyl alcoho			1.018	0.974	0.879	0.887	0.906	10.51
18) T	1,1-Dichloroethen			0.422	0.419	0.437	0.368	0.405	7.40
19) T	Isopropyl Alcohol			0.722	0.746	0.625	0.613	0.642	14.98
20) T	Methylene Chlorid			0.439	0.441	0.401	0.318	0.385	15.44
21) T	Allyl Chloride			0.675	0.635	0.658	0.631	0.644	3.32
22) T	trans-1,2-Dichlor			0.339	0.395	0.388	0.345	0.367	6.84
23) T	Vinyl Acetate			1.205	1.241	1.391	1.345	1.293	5.86
24) T	1,1-Dichloroethan			0.993	1.047	1.087	0.987	1.021	4.37
25) T	Ethyl Acetate			2.023	2.358	2.533	2.144	2.222	9.81
26) T	Hexane			0.878	0.939	1.013	0.867	0.909	7.43
27) T	Carbon Disulfide			0.781	0.842	0.970	0.957	0.902	9.52
28) T	Methyl tert-Butyl			1.214	1.207	1.298	1.189	1.218	3.80
29) T	Chloroform			1.510	1.565	1.585	1.394	1.487	6.33
30) T	Cyclohexane			0.745	0.794	0.750	0.732	0.751	3.35
31) T	cis-1,2-Dichloroe			0.822	0.857	0.962	0.873	0.878	5.90
32) T	1,1,1-Trichloroet	1.710	1.538	1.480	1.476	1.526	1.365	1.495	7.83
33) I	1,4-Difluorobenzene	-----ISTD-----							
34) T	2-Butanone			0.627	0.560	0.713	0.557	0.603	11.33
35) T	Carbon Tetrachlor	0.752	0.641	0.620	0.642	0.687	0.599	0.646	8.88
36) T	Benzene			0.732	0.779	0.870	0.764	0.776	7.28
37) T	1,2-Dichloroethan			0.503	0.511	0.521	0.458	0.488	7.02
38) T	Trichloroethene	0.348	0.291	0.277	0.297	0.313	0.270	0.293	10.30
39) T	1,2-Dichloropropa			0.348	0.351	0.356	0.298	0.330	9.03
40) T	1,4-Dioxane			0.114	0.127	0.110	0.100	0.108	12.78
41) T	Tetrahydrofuran			0.283	0.334	0.386	0.345	0.336	10.90
42) T	Bromodichlorometh			0.658	0.669	0.715	0.641	0.659	5.83
43)	Methyl Methacryla			0.253	0.304	0.346	0.336	0.314	11.93
44) T	2,2,4-Trimethylpe			1.413	1.510	1.632	1.306	1.415	11.64
45) T	t-1,3-Dichloropro			0.232	0.252	0.327	0.357	0.306	19.73
46) T	cis-1,3-Dichlorop			0.313	0.376	0.433	0.438	0.399	13.70
47) T	1,1,2-Trichloroet			0.338	0.328	0.368	0.311	0.329	8.08
48) T	Dibromochlorometh			0.453	0.475	0.534	0.519	0.498	6.63
49) T	Bromoform			0.345	0.379	0.449	0.432	0.407	10.76
50) T	4-Methyl-2-Pentan			0.786	0.878	0.989	0.887	0.878	8.43
51) T	2-Hexanone			0.507	0.632	0.737	0.723	0.663	14.56
52) T	Tetrachloroethene	0.346	0.305	0.286	0.288	0.304	0.258	0.291	10.95

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

Method File : VL030321AIR.M

Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Wed Mar 03 14:18:24 2021

Last Update : Wed Mar 03 14:18:24 2021

Response Via : Initial Calibration

Calibration Files

0.03=VL036438.D 0.1 =VL036437.D 0.5 =VL036436.D

1 =VL036435.D 2 =VL036434.D 10 =VL036433.D

	Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
53) T	Toluene			0.704	0.828	0.961	0.860	0.836	11.00
54) T	1,2-Dibromoethane			0.455	0.486	0.526	0.461	0.475	6.71
55) I	Chlorobenzene-d5	-----ISTD-----							
56)	1,1,1,2-Tetrachlo			0.477	0.454	0.477	0.412	0.443	8.50
57) T	Chlorobenzene			0.751	0.751	0.795	0.668	0.722	8.72
58) T	Ethyl Benzene			1.116	1.267	1.409	1.237	1.243	8.82
59) T	m/p-Xylene			1.030	1.170	1.240	1.062	1.099	9.42
60) T	o-Xylene			1.002	1.108	1.218	1.001	1.055	10.22
61) T	Styrene			0.495	0.584	0.716	0.713	0.642	15.38
62)	Isopropylbenzene			1.568	1.710	1.791	1.483	1.591	9.99
63) T	1,1,2,2-Tetrachlo	0.929	0.878	0.892	0.825	0.860	0.713	0.825	11.43
64)	n-propylbenzene			0.375	0.400	0.441	0.388	0.397	6.54
65)	tert-Butylbenzene			1.319	1.508	1.609	1.279	1.384	12.11
66) T	Benzyl Chloride			0.283	0.312	0.376	0.474	0.386	23.92
67)	sec-Butylbenzene			1.784	2.148	2.259	1.798	1.933	13.14
68) S	1-Bromo-4-Fluorob	0.796	0.844	0.820	0.807	0.796	0.839	0.822	2.90
69)	p-Isopropyltoluen			1.400	1.654	1.800	1.478	1.547	11.30
70)	n-Butylbenzene			1.384	1.731	1.906	1.530	1.599	13.51
71)	2-Chlorotoluene			1.104	1.240	1.362	1.168	1.197	8.94
72) T	4-Ethyltoluene			0.961	1.160	1.316	1.157	1.146	11.01
73) T	1,3,5-Trimethylbe			1.032	1.114	1.274	1.090	1.112	8.63
74) T	1,2,4-Trimethylbe			1.090	1.286	1.381	1.102	1.181	12.31
75) T	1,3-Dichlorobenze			0.651	0.683	0.733	0.611	0.656	8.22
76) T	1,4-Dichlorobenze			0.679	0.717	0.675	0.598	0.655	7.74
77) T	1,2-Dichlorobenze			0.642	0.677	0.713	0.592	0.642	8.46
78) T	Hexachloro-1,3-Bu			0.548	0.589	0.588	0.414	0.511	17.43
79) T	Naphthalene			0.466	0.600	0.782	0.788	0.692	22.16
80) T	Naphthalene,2-met			0.090	0.109	0.084	0.220	0.150	51.36
81) T	1,2,4-Trichlorobe			0.301	0.393	0.473	0.399	0.398	15.73

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