

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

Method File : VL072721AIR.M

Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LTue Jul 27 07:36:57 2021

Last Update : Tue Jul 27 07:36:57 2021

Response Via : Initial Calibration

Calibration Files

0.03=VL037284.D 0.1 =VL037283.D 0.5 =VL037282.D

1 =VL037281.D 2 =VL037280.D 10 =VL037279.D

	Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
1) I	Bromochloromethane	-----ISTD-----							
2) T	Dichlorodifluorom			2.382	2.087	1.754	1.622	1.854	20.52
3)	Chlorodifluoromet			2.162	2.037	2.011	1.819	1.959	8.35
4)	Chloromethane			0.670	0.676	0.691	0.627	0.656	5.04
5) T	Vinyl Chloride	0.662	0.768	0.724	0.667	0.701	0.648	0.693	6.03
6) T	Bromomethane			0.420	0.427	0.424	0.376	0.408	5.43
7)	Chloroethane			0.283	0.250	0.252	0.252	0.258	5.40
8) T	Dichlorotetrafluo			1.894	1.877	1.905	1.703	1.806	6.60
9) T	Propene			0.648	0.637	0.607	0.578	0.608	5.79
10) T	Heptane			1.392	1.435	1.516	1.485	1.461	3.29
11) T	Trichlorofluorome			1.954	1.885	1.992	1.834	1.903	3.57
12) T	1,1,2-Trichlorotr			1.480	1.430	1.449	1.315	1.397	5.59
13)	Ethanol			0.160	0.137	0.112	0.072	0.108	40.07
14) T	Bromoethene			0.550	0.536	0.555	0.550	0.550	1.66
15) T	Acetone			2.367	2.204	2.043	0.987	1.720	39.13
16) T	1,3-Butadiene			0.715	0.734	0.643	0.667	0.688	5.31
17)	tert-Butyl alcoho			1.232	1.161	0.865	1.095	1.044	16.21
18) T	1,1-Dichloroethen			0.602	0.571	0.606	0.595	0.595	2.36
19) T	Isopropyl Alcohol			0.731	0.683	0.465	0.588	0.585	21.05
20) T	Methylene Chlorid			0.837	0.749	0.706	0.516	0.663	22.01
21) T	Allyl Chloride			0.901	0.869	0.886	0.877	0.878	1.92
22) T	trans-1,2-Dichlor			0.519	0.539	0.596	0.581	0.568	6.66
23) T	Vinyl Acetate			1.458	1.625	1.837	1.567	1.632	8.56
24) T	1,1-Dichloroethan			1.347	1.378	1.393	1.317	1.344	3.27
25) T	Ethyl Acetate			2.226	2.376	2.555	2.346	2.370	5.00
26) T	Hexane			1.204	1.274	1.297	1.107	1.195	7.80
27) T	Carbon Disulfide			0.940	1.092	1.245	1.349	1.207	15.90
28) T	Methyl tert-Butyl			1.440	1.469	1.568	1.462	1.472	3.85
29) T	Chloroform			1.957	1.947	1.970	1.866	1.915	3.13
30) T	Cyclohexane			1.028	0.975	1.004	0.973	0.992	2.37
31) T	cis-1,2-Dichloroe			1.035	1.027	1.160	1.119	1.097	5.63
32) T	1,1,1-Trichloroet	1.548	2.021	1.901	1.993	2.012	1.939	1.903	8.62
33) I	1,4-Difluorobenzene	-----ISTD-----							
34) T	2-Butanone			0.443	0.432	0.504	0.385	0.432	10.88
35) T	Carbon Tetrachlor	0.492	0.670	0.663	0.705	0.736	0.722	0.670	12.37
36) T	Benzene			0.750	0.835	0.832	0.790	0.797	4.60
37) T	1,2-Dichloroethan			0.468	0.464	0.513	0.491	0.484	4.10
38) T	Trichloroethene	0.351	0.398	0.348	0.334	0.355	0.341	0.352	6.19
39) T	1,2-Dichloropropa			0.268	0.303	0.320	0.304	0.299	6.32
40) T	1,4-Dioxane			0.089	0.091	0.067	0.079	0.078	14.45
41) T	Tetrahydrofuran			0.153	0.183	0.188	0.184	0.179	8.49
42) T	Bromodichlorometh			0.601	0.623	0.696	0.680	0.654	6.18
43)	Methyl Methacryla			0.239	0.252	0.282	0.292	0.271	9.05
44) T	2,2,4-Trimethylpe			1.338	1.433	1.433	1.316	1.356	5.62
45) T	t-1,3-Dichloropro			0.145	0.192	0.225	0.272	0.223	25.69
46) T	cis-1,3-Dichlorop			0.240	0.284	0.312	0.347	0.308	15.73
47) T	1,1,2-Trichloroet			0.320	0.333	0.354	0.340	0.337	3.63
48) T	Dibromochlorometh			0.414	0.511	0.582	0.621	0.549	15.89
49) T	Bromoform			0.292	0.358	0.445	0.517	0.425	23.19
50) T	4-Methyl-2-Pentan			0.476	0.576	0.608	0.586	0.566	9.14
51) T	2-Hexanone			0.215	0.271	0.262	0.299	0.270	13.05
52) T	Tetrachloroethene	0.353	0.364	0.330	0.355	0.347	0.328	0.343	4.49

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	Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
53) T	Toluene			0.833	0.929	0.988	0.956	0.928	6.27
54) T	1,2-Dibromoethane			0.469	0.501	0.531	0.509	0.503	4.48
55) I	Chlorobenzene-d5	-----ISTD-----							
56)	1,1,1,2-Tetrachlo			0.433	0.453	0.458	0.456	0.447	2.58
57) T	Chlorobenzene			0.860	0.853	0.851	0.787	0.824	5.26
58) T	Ethyl Benzene			1.285	1.422	1.431	1.366	1.364	4.70
59) T	m/p-Xylene			1.163	1.243	1.252	1.167	1.188	4.91
60) T	o-Xylene			1.142	1.216	1.208	1.113	1.150	5.41
61) T	Styrene			0.436	0.552	0.580	0.619	0.560	13.32
62)	Isopropylbenzene			1.615	1.728	1.714	1.556	1.619	6.44
63) T	1,1,2,2-Tetrachlo	0.899	0.842	0.805	0.830	0.809	0.760	0.813	6.42
64)	n-propylbenzene			0.359	0.413	0.426	0.410	0.403	6.41
65)	tert-Butylbenzene			1.433	1.583	1.638	1.428	1.485	8.11
66) T	Benzyl Chloride			0.059	0.053	0.054	0.063	0.060	11.33
67)	sec-Butylbenzene			1.836	2.104	2.117	1.885	1.942	8.20
68) S	1-Bromo-4-Fluorob	0.739	0.742	0.775	0.764	0.738	0.785	0.763	3.04
69)	p-Isopropyltoluen			1.534	1.757	1.834	1.620	1.656	8.17
70)	n-Butylbenzene			1.455	1.583	1.736	1.515	1.549	7.59
71)	2-Chlorotoluene			1.130	1.228	1.240	1.139	1.166	5.55
72) T	4-Ethyltoluene			1.199	1.346	1.401	1.331	1.313	5.74
73) T	1,3,5-Trimethylbe			1.091	1.291	1.341	1.217	1.223	7.99
74) T	1,2,4-Trimethylbe			1.339	1.459	1.517	1.274	1.359	9.49
75) T	1,3-Dichlorobenze			0.772	0.862	0.846	0.769	0.801	6.17
76) T	1,4-Dichlorobenze			0.776	0.728	0.826	0.730	0.759	5.57
77) T	1,2-Dichlorobenze			0.741	0.762	0.809	0.738	0.755	4.43
78) T	Hexachloro-1,3-Bu			0.643	0.643	0.615	0.462	0.562	17.49
79) T	Naphthalene			0.754	0.968	1.092	0.845	0.905	14.28
80) T	Naphthalene,2-met			0.165	0.199	0.217	0.158	0.189	13.92
81) T	1,2,4-Trichlorobe			0.507	0.579	0.647	0.498	0.548	11.64

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