

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

Method File : VL073021AIR.M

Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Jul 30 23:19:30 2021

Last Update : Fri Jul 30 23:19:30 2021

Response Via : Initial Calibration

Calibration Files

0.03=VL037293.D 0.1 =VL037292.D 0.5 =VL037291.D

1 =VL037290.D 2 =VL037289.D 10 =VL037288.D

	Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
1) I	Bromochloromethane	-----ISTD-----							
2) T	Dichlorodifluorom			2.003	1.734	1.476	1.130	1.439	31.94
3)	Chlorodifluoromet			2.228	2.176	2.095	1.773	2.004	11.37
4)	Chloromethane			0.750	0.760	0.746	0.619	0.699	10.48
5) T	Vinyl Chloride	0.922	0.811	0.731	0.719	0.747	0.674	0.755	11.45
6) T	Bromomethane			0.445	0.458	0.447	0.403	0.428	7.14
7)	Chloroethane			0.294	0.292	0.264	0.236	0.266	9.85
8) T	Dichlorotetrafluo			1.973	2.054	1.756	1.580	1.711	20.10
9) T	Propene			0.786	0.770	0.678	0.573	0.674	15.62
10) T	Heptane			1.609	1.702	1.684	1.485	1.605	5.74
11) T	Trichlorofluorome			1.948	1.974	1.865	1.601	1.788	11.09
12) T	1,1,2-Trichlorotr			1.428	1.423	1.390	1.192	1.330	8.71
13)	Ethanol			0.214	0.184	0.155	0.097	0.148	36.43
14) T	Bromoethene			0.577	0.577	0.603	0.533	0.562	6.15
15) T	Acetone			2.523	2.384	2.315	0.898	1.801	46.27
16) T	1,3-Butadiene			0.732	0.694	0.700	0.618	0.676	7.11
17)	tert-Butyl alcoho			1.236	1.188	1.239	1.062	1.145	9.42
18) T	1,1-Dichloroethen			0.629	0.624	0.587	0.546	0.584	7.29
19) T	Isopropyl Alcohol			0.716	0.758	0.776	0.624	0.697	10.93
20) T	Methylene Chlorid			0.880	0.754	0.662	0.639	0.697	18.00
21) T	Allyl Chloride			0.786	0.806	0.858	0.790	0.802	4.26
22) T	trans-1,2-Dichlor			0.561	0.544	0.553	0.566	0.558	1.66
23) T	Vinyl Acetate			1.400	1.871	1.638	1.346	1.520	15.18
24) T	1,1-Dichloroethan			1.166	1.339	1.226	1.084	1.180	9.06
25) T	Ethyl Acetate			2.670	2.728	2.751	2.460	2.613	5.51
26) T	Hexane			1.466	1.456	1.509	1.282	1.397	8.00
27) T	Carbon Disulfide			0.872	1.124	1.229	1.238	1.151	14.51
28) T	Methyl tert-Butyl			1.532	1.574	1.345	1.155	1.349	15.10
29) T	Chloroform			2.193	2.111	2.095	1.780	2.001	9.24
30) T	Cyclohexane			1.000	1.218	1.180	1.017	1.092	9.15
31) T	cis-1,2-Dichloroe			1.187	1.196	1.263	1.129	1.184	4.44
32) T	1,1,1-Trichloroet	2.206	1.976	1.944	2.041	2.062	1.834	1.990	6.36
33) I	1,4-Difluorobenzene	-----ISTD-----							
34) T	2-Butanone			0.429	0.552	0.481	0.345	0.429	21.15
35) T	Carbon Tetrachlor	0.635	0.591	0.593	0.671	0.704	0.618	0.634	6.48
36) T	Benzene			0.847	0.906	0.923	0.776	0.847	8.04
37) T	1,2-Dichloroethan			0.402	0.487	0.472	0.421	0.441	8.33
38) T	Trichloroethene	0.444	0.390	0.373	0.390	0.399	0.343	0.382	9.55
39) T	1,2-Dichloropropa			0.333	0.324	0.346	0.293	0.318	7.30
40) T	1,4-Dioxane			0.101	0.108	0.093	0.078	0.092	14.49
41) T	Tetrahydrofuran			0.171	0.147	0.190	0.175	0.172	9.35
42) T	Bromodichlorometh			0.547	0.623	0.673	0.614	0.615	7.33
43)	Methyl Methacryla			0.252	0.286	0.302	0.279	0.281	6.52
44) T	2,2,4-Trimethylpe			1.401	1.520	1.502	1.252	1.384	9.51
45) T	t-1,3-Dichloropro			0.179	0.205	0.233	0.273	0.236	19.27
46) T	cis-1,3-Dichlorop			0.235	0.289	0.358	0.347	0.318	17.30
47) T	1,1,2-Trichloroet			0.360	0.379	0.383	0.329	0.357	6.90
48) T	Dibromochlorometh			0.452	0.526	0.599	0.574	0.547	10.94
49) T	Bromoform			0.286	0.369	0.483	0.483	0.425	22.09
50) T	4-Methyl-2-Pentan			0.511	0.551	0.628	0.504	0.543	9.33
51) T	2-Hexanone			0.223	0.226	0.291	0.251	0.251	11.19
52) T	Tetrachloroethene	0.396	0.417	0.365	0.378	0.394	0.330	0.373	8.73

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	Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
53) T	Toluene			0.937	1.067	1.090	0.939	0.995	7.67
54) T	1,2-Dibromoethane			0.469	0.520	0.547	0.485	0.505	6.01
55) I	Chlorobenzene-d5	-----ISTD-----							
56)	1,1,1,2-Tetrachlo			0.445	0.468	0.463	0.410	0.438	6.85
57) T	Chlorobenzene			0.896	0.902	0.896	0.747	0.837	10.09
58) T	Ethyl Benzene			1.402	1.468	1.488	1.275	1.375	8.12
59) T	m/p-Xylene			1.245	1.270	1.284	1.076	1.184	9.68
60) T	o-Xylene			1.198	1.199	1.244	1.014	1.131	10.17
61) T	Styrene			0.493	0.577	0.633	0.589	0.578	8.99
62)	Isopropylbenzene			1.692	1.753	1.723	1.430	1.598	10.83
63) T	1,1,2,2-Tetrachlo	0.845	0.811	0.843	0.861	0.826	0.695	0.798	8.69
64)	n-propylbenzene			0.400	0.438	0.453	0.391	0.414	7.01
65)	tert-Butylbenzene			1.520	1.639	1.642	1.320	1.479	11.78
66) T	Benzyl Chloride			0.063	0.062	0.065	0.083	0.073	17.95
67)	sec-Butylbenzene			2.002	2.148	2.176	1.761	1.955	11.35
68) S	1-Bromo-4-Fluorob	0.718	0.750	0.730	0.733	0.700	0.733	0.728	2.14
69)	p-Isopropyltoluen			1.619	1.852	1.891	1.531	1.674	11.23
70)	n-Butylbenzene			1.584	1.685	1.782	1.440	1.580	10.07
71)	2-Chlorotoluene			1.149	1.217	1.257	1.040	1.139	9.02
72) T	4-Ethyltoluene			1.293	1.438	1.447	1.279	1.339	7.18
73) T	1,3,5-Trimethylbe			1.236	1.333	1.348	1.142	1.237	8.38
74) T	1,2,4-Trimethylbe			1.417	1.535	1.522	1.188	1.364	13.23
75) T	1,3-Dichlorobenze			0.816	0.876	0.897	0.755	0.820	8.02
76) T	1,4-Dichlorobenze			0.881	0.934	0.923	0.746	0.847	10.93
77) T	1,2-Dichlorobenze			0.796	0.823	0.870	0.726	0.787	8.10
78) T	Hexachloro-1,3-Bu			0.676	0.640	0.676	0.483	0.591	17.23
79) T	Naphthalene			0.973	1.175	1.319	0.925	1.068	16.12
80) T	Naphthalene,2-met			0.233	0.288	0.418	0.268	0.307	23.05
81) T	1,2,4-Trichlorobe			0.627	0.719	0.771	0.541	0.645	15.27

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