

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

Method File : VL012422AIR.M

Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Jan 24 14:12:48 2022

Last Update : Mon Jan 24 14:12:48 2022

Response Via : Initial Calibration

Calibration Files

0.03=VL038258.D 0.1 =VL038257.D 0.5 =VL038256.D

1 =VL038255.D 2 =VL038254.D 10 =VL038253.D

	Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
1) I	Bromochloromethane	-----ISTD-----							
2) T	Dichlorodifluorom			2.352	2.404	1.712	2.196	2.129	13.41
3)	Chlorodifluoromet			2.126	2.065	2.162	1.908	1.991	9.69
4)	Chloromethane			0.740	0.724	0.712	0.653	0.685	8.71
5) T	Vinyl Chloride	0.808	0.689	0.651	0.686	0.711	0.654	0.684	9.90
6) T	Bromomethane			0.375	0.377	0.395	0.369	0.370	6.19
7)	Chloroethane			0.248	0.220	0.246	0.229	0.231	6.99
8) T	Dichlorotetrafluor			1.779	1.610	1.839	1.573	1.647	9.89
9) T	Propene			0.665	0.632	0.724	0.646	0.648	8.43
10) T	Heptane			1.719	1.657	1.839	1.643	1.667	7.82
11) T	Trichlorofluorome			1.649	1.740	1.814	1.635	1.658	8.15
12) T	1,1,2-Trichlorotr			1.363	1.272	1.346	1.211	1.254	9.31
13)	Ethanol			0.066	0.069	0.087	0.071	0.070	16.76
14) T	Bromoethene			0.481	0.504	0.536	0.478	0.490	6.56
15) T	Acetone			0.982	0.956	0.975	0.773	0.882	14.06
16) T	1,3-Butadiene			0.661	0.659	0.652	0.618	0.633	5.95
17)	tert-Butyl alcoho			1.091	1.000	1.045	0.961	0.968	14.00
18) T	1,1-Dichloroethen			0.563	0.571	0.586	0.537	0.545	8.45
19) T	Isopropyl Alcohol			0.620	0.602	0.618	0.513	0.551	16.90
20) T	Methylene Chlorid			0.625	0.562	0.538	0.448	0.513	18.19
21) T	Allyl Chloride			0.772	0.750	0.852	0.804	0.780	6.38
22) T	trans-1,2-Dichlor			0.558	0.576	0.620	0.555	0.563	7.18
23) T	Vinyl Acetate			1.378	1.199	1.345	1.281	1.282	6.27
24) T	1,1-Dichloroethan			1.172	1.192	1.252	1.108	1.142	8.93
25) T	Ethyl Acetate			2.468	2.605	2.654	2.321	2.468	6.57
26) T	Hexane			1.216	1.160	1.233	1.076	1.148	7.03
27) T	Carbon Disulfide			1.271	1.329	1.444	1.425	1.343	6.63
28) T	Methyl tert-Butyl			1.199	1.180	1.343	1.181	1.191	8.68
29) T	Chloroform			1.911	1.971	1.999	1.792	1.874	6.78
30) T	Cyclohexane			0.998	1.054	1.061	0.999	1.000	7.02
31) T	cis-1,2-Dichloroe			1.157	0.981	0.926	0.849	1.001	12.47
32) T	1,1,1-Trichloroet	1.840	1.893	1.957	1.863	2.051	1.834	1.872	6.39
33) I	1,4-Difluorobenzene	-----ISTD-----							
34) T	2-Butanone			0.324	0.303	0.327	0.294	0.327	11.14
35) T	Carbon Tetrachlor	0.756	0.683	0.704	0.722	0.736	0.674	0.702	5.72
36) T	Benzene			0.873	0.939	0.953	0.846	0.885	6.81
37) T	1,2-Dichloroethan			0.515	0.519	0.528	0.495	0.507	4.22
38) T	Trichloroethene	0.374	0.325	0.343	0.333	0.339	0.304	0.329	8.39
39) T	1,2-Dichloropropa			0.376	0.373	0.380	0.342	0.359	7.05
40) T	1,4-Dioxane			0.093	0.100	0.092	0.075	0.086	14.08
41) T	Tetrahydrofuran			0.219	0.233	0.225	0.208	0.220	4.24
42) T	Bromodichlorometh			0.788	0.775	0.794	0.719	0.752	6.50
43)	Methyl Methacryla			0.295	0.309	0.326	0.320	0.313	3.69
44) T	2,2,4-Trimethylpe			1.640	1.690	1.700	1.434	1.559	10.75
45) T	t-1,3-Dichloropro			0.215	0.224	0.250	0.290	0.254	14.12
46) T	cis-1,3-Dichlorop			0.319	0.323	0.341	0.358	0.339	5.21
47) T	1,1,2-Trichloroet			0.374	0.362	0.367	0.334	0.352	6.20
48) T	Dibromochlorometh			0.602	0.607	0.611	0.584	0.593	3.50
49) T	Bromoform			0.400	0.431	0.464	0.428	0.428	5.50
50) T	4-Methyl-2-Pentan			0.569	0.603	0.613	0.576	0.583	4.01
51) T	2-Hexanone			0.235	0.252	0.279	0.263	0.257	6.21
52) T	Tetrachloroethene	0.367	0.301	0.311	0.310	0.307	0.275	0.305	10.89

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	Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
53) T	Toluene			0.952	1.020	1.055	0.953	0.979	5.80
54) T	1,2-Dibromoethane			0.505	0.513	0.522	0.487	0.501	3.69
55) I	Chlorobenzene-d5	-----ISTD-----							
56)	1,1,1,2-Tetrachlo			0.477	0.463	0.464	0.400	0.438	9.64
57) T	Chlorobenzene			0.857	0.872	0.849	0.723	0.800	10.21
58) T	Ethyl Benzene			1.562	1.556	1.566	1.361	1.470	8.65
59) T	m/p-Xylene			1.328	1.355	1.373	1.140	1.254	10.93
60) T	o-Xylene			1.245	1.270	1.248	1.062	1.166	10.53
61) T	Styrene			0.499	0.535	0.585	0.556	0.544	5.78
62)	Isopropylbenzene			1.633	1.683	1.716	1.404	1.555	11.06
63) T	1,1,2,2-Tetrachlo	1.054	0.854	0.912	0.914	0.909	0.718	0.863	14.83
64)	n-propylbenzene			0.361	0.403	0.417	0.351	0.374	9.15
65)	tert-Butylbenzene			1.323	1.394	1.477	1.135	1.280	13.40
66) T	Benzyl Chloride			0.049	0.050	0.057	0.070	0.058	15.53
67)	sec-Butylbenzene			1.838	1.945	2.051	1.580	1.781	13.38
68) S	1-Bromo-4-Fluorob	0.720	0.769	0.754	0.752	0.752	0.779	0.759	2.93
69)	p-Isopropyltoluen			1.374	1.428	1.596	1.239	1.363	12.05
70)	n-Butylbenzene			1.277	1.437	1.577	1.218	1.335	12.68
71)	2-Chlorotoluene			1.197	1.224	1.274	1.053	1.151	9.88
72) T	4-Ethyltoluene			1.192	1.279	1.367	1.146	1.220	8.49
73) T	1,3,5-Trimethylbe			1.112	1.169	1.225	1.008	1.097	9.76
74) T	1,2,4-Trimethylbe			1.225	1.235	1.322	1.030	1.155	13.02
75) T	1,3-Dichlorobenze			0.662	0.656	0.690	0.554	0.620	11.14
76) T	1,4-Dichlorobenze			0.643	0.648	0.649	0.543	0.600	10.61
77) T	1,2-Dichlorobenze			0.651	0.594	0.645	0.502	0.576	13.50
78) T	Hexachloro-1,3-Bu			0.455	0.446	0.457	0.328	0.400	17.97
79) T	Naphthalene			0.401	0.435	0.625	0.626	0.540	20.73
80) T	Naphthalene,2-met			0.003	0.037	0.067	0.099	0.059	67.03
81) T	1,2,4-Trichlorobe			0.269	0.291	0.380	0.331	0.318	13.36

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