

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

Method File : VL081220AIR.M

Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Aug 12 20:32:44 2020

Last Update : Wed Aug 12 20:32:44 2020

Response Via : Initial Calibration

Calibration Files

0.03=VL035389.D 0.1 =VL035385.D 0.5 =VL035384.D

1 =VL035383.D 2 =VL035382.D 10 =VL035381.D

	Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
1) I	Bromochloromethane	-----ISTD-----							
2) T	Dichlorodifluorom			1.590	1.338	1.185	0.976	1.204	22.46
3)	Chlorodifluoromet			1.210	1.274	1.253	1.033	1.163	9.99
4)	Chloromethane			0.679	0.711	0.673	0.586	0.650	8.32
5) T	Vinyl Chloride	0.711	0.686	0.656	0.633	0.677	0.565	0.642	8.90
6) T	Bromomethane			0.397	0.353	0.380	0.321	0.356	9.08
7)	Chloroethane			0.239	0.245	0.239	0.203	0.227	8.75
8) T	Dichlorotetrafluor			1.529	1.559	1.541	1.213	1.398	14.33
9) T	Propene			0.672	0.656	0.638	0.525	0.602	12.24
10) T	Heptane			1.730	1.679	1.688	1.365	1.560	12.27
11) T	Trichlorofluorome			1.588	1.585	1.571	1.268	1.460	11.33
12) T	1,1,2-Trichlorotr			1.055	1.086	1.082	0.873	0.994	11.14
13)	Ethanol			0.236	0.241	0.224	0.149	0.197	25.44
14) T	Bromoethene			0.464	0.471	0.472	0.403	0.444	7.76
15) T	Acetone			1.466	1.389	1.395	1.023	1.259	17.25
16) T	1,3-Butadiene			0.742	0.724	0.678	0.545	0.647	14.77
17)	tert-Butyl alcoho			1.599	1.599	1.501	1.351	1.469	9.56
18) T	1,1-Dichloroethen			0.477	0.481	0.498	0.407	0.455	9.25
19) T	Isopropyl Alcohol			1.103	1.076	0.984	0.896	0.983	11.03
20) T	Methylene Chlorid			0.555	0.530	0.521	0.382	0.476	17.36
21) T	Allyl Chloride			0.827	0.880	0.923	0.750	0.827	9.16
22) T	trans-1,2-Dichlor			0.475	0.468	0.493	0.421	0.457	6.77
23) T	Vinyl Acetate			2.158	2.188	2.186	1.768	2.011	11.37
24) T	1,1-Dichloroethan			1.437	1.413	1.422	1.164	1.324	10.36
25) T	Ethyl Acetate			2.921	2.843	2.860	2.239	2.600	14.60
26) T	Hexane			1.253	1.242	1.264	0.974	1.138	13.93
27) T	Carbon Disulfide			1.243	1.218	1.343	1.134	1.214	7.14
28) T	Methyl tert-Butyl			2.189	2.005	1.976	1.620	1.878	13.71
29) T	Chloroform			1.757	1.780	1.710	1.426	1.623	10.69
30) T	Cyclohexane			1.067	0.987	0.994	0.815	0.938	11.94
31) T	cis-1,2-Dichloroe			1.181	1.210	1.235	1.000	1.128	9.94
32) T	1,1,1-Trichloroet	2.286	1.883	1.752	1.773	1.795	1.435	1.771	15.98
33) I	1,4-Difluorobenzene	-----ISTD-----							
34) T	2-Butanone			0.772	0.787	0.787	0.615	0.713	13.43
35) T	Carbon Tetrachlor	0.727	0.792	0.711	0.720	0.739	0.585	0.695	11.08
36) T	Benzene			1.089	1.044	1.046	0.822	0.959	14.60
37) T	1,2-Dichloroethan			0.584	0.581	0.575	0.453	0.532	12.38
38) T	Trichloroethene	0.477	0.417	0.380	0.388	0.387	0.296	0.376	17.78
39) T	1,2-Dichloropropa			0.425	0.416	0.409	0.326	0.380	13.38
40) T	1,4-Dioxane			0.188	0.191	0.142	0.129	0.155	20.96
41) T	Tetrahydrofuran			0.443	0.480	0.461	0.375	0.425	12.08
42) T	Bromodichlorometh			0.819	0.799	0.833	0.652	0.750	12.31
43)	Methyl Methacryla			0.458	0.451	0.467	0.378	0.425	10.81
44) T	2,2,4-Trimethylpe			1.861	1.877	1.850	1.376	1.650	17.82
45) T	t-1,3-Dichloropro			0.511	0.513	0.531	0.454	0.494	7.12
46) T	cis-1,3-Dichlorop			0.616	0.605	0.638	0.515	0.577	10.52
47) T	1,1,2-Trichloroet			0.426	0.404	0.431	0.331	0.385	12.79
48) T	Dibromochlorometh			0.642	0.659	0.684	0.550	0.616	10.54
49) T	Bromoform			0.489	0.516	0.585	0.471	0.505	9.85
50) T	4-Methyl-2-Pentan			1.232	1.165	1.172	0.919	1.074	14.97
51) T	2-Hexanone			0.953	0.990	1.024	0.789	0.904	13.20
52) T	Tetrachloroethene	0.407	0.403	0.350	0.340	0.346	0.272	0.340	16.65

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	Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
53) T	Toluene			1.303	1.251	1.264	0.956	1.138	16.25
54) T	1,2-Dibromoethane			0.678	0.668	0.671	0.515	0.610	14.10
55) I	Chlorobenzene-d5	-----ISTD-----							
56)	1,1,1,2-Tetrachlo			0.552	0.532	0.531	0.414	0.486	14.95
57) T	Chlorobenzene			0.986	0.966	0.933	0.710	0.852	17.78
58) T	Ethyl Benzene			1.825	1.820	1.711	1.310	1.581	18.06
59) T	m/p-Xylene			1.546	1.532	1.458	1.065	1.318	20.43
60) T	o-Xylene			1.531	1.459	1.392	1.030	1.276	20.26
61) T	Styrene			1.047	1.053	1.025	0.808	0.942	14.56
62)	Isopropylbenzene			2.285	2.194	2.108	1.546	1.914	20.48
63) T	1,1,2,2-Tetrachlo	1.067	1.027	1.035	1.008	0.977	0.719	0.931	17.10
64)	n-propylbenzene			0.587	0.560	0.551	0.426	0.505	16.77
65)	tert-Butylbenzene			2.028	1.959	1.875	1.331	1.685	22.14
66) T	Benzyl Chloride			0.733	0.825	0.878	0.703	0.761	11.52
67)	sec-Butylbenzene			2.884	2.847	2.752	1.915	2.430	22.66
68) S	1-Bromo-4-Fluorob	0.846	0.830	0.822	0.800	0.761	0.786	0.807	3.52
69)	p-Isopropyltoluen			2.376	2.383	2.276	1.611	2.025	21.85
70)	n-Butylbenzene			2.704	2.639	2.522	1.736	2.242	23.46
71)	2-Chlorotoluene			1.806	1.762	1.693	1.254	1.541	19.12
72) T	4-Ethyltoluene			1.850	1.766	1.699	1.270	1.558	19.15
73) T	1,3,5-Trimethylbe			1.699	1.677	1.608	1.191	1.461	19.04
74) T	1,2,4-Trimethylbe			1.851	1.813	1.728	1.187	1.536	23.53
75) T	1,3-Dichlorobenze			0.985	0.966	0.926	0.676	0.838	19.93
76) T	1,4-Dichlorobenze			0.988	0.998	0.944	0.707	0.861	18.61
77) T	1,2-Dichlorobenze			1.024	0.942	0.931	0.679	0.845	20.00
78) T	Hexachloro-1,3-Bu			0.832	0.823	0.792	0.534	0.697	23.47
79) T	Naphthalene			2.220	2.239	2.184	1.491	1.913	21.58
80) T	Naphthalene,2-met			0.948	1.013	1.064	0.722	0.891	18.58
81) T	1,2,4-Trichlorobe			1.069	1.054	1.034	0.704	0.906	22.27

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