

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

Method File : VL042721AIR.M

Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Apr 27 16:56:35 2021

Last Update : Tue Apr 27 16:56:35 2021

Response Via : Initial Calibration

Calibration Files

0.03=VL036847.D 0.1 =VL036846.D 0.5 =VL036845.D

1 =VL036844.D 2 =VL036843.D 10 =VL036842.D

	Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
1) I	Bromochloromethane	-----ISTD-----							
2) T	Dichlorodifluorom			1.936	1.762	1.413	1.501	1.575	17.25
3)	Chlorodifluoromet			1.847	2.002	1.950	1.674	1.822	8.97
4)	Chloromethane			0.621	0.604	0.627	0.575	0.599	4.58
5) T	Vinyl Chloride	0.682	0.633	0.561	0.626	0.615	0.558	0.604	8.04
6) T	Bromomethane			0.304	0.342	0.344	0.313	0.325	5.50
7)	Chloroethane			0.215	0.197	0.204	0.188	0.198	5.85
8) T	Dichlorotetrafluor			1.554	1.536	1.484	1.334	1.436	8.73
9) T	Propene			0.503	0.583	0.593	0.550	0.555	6.39
10) T	Heptane			1.227	1.408	1.532	1.423	1.396	7.83
11) T	Trichlorofluorome			1.469	1.503	1.438	1.336	1.406	6.60
12) T	1,1,2-Trichlorotr			0.967	0.939	1.006	0.904	0.941	5.09
13)	Ethanol			0.072	0.087	0.090	0.056	0.071	25.63
14) T	Bromoethene			0.362	0.396	0.411	0.374	0.384	5.00
15) T	Acetone			1.026	1.113	1.054	0.759	0.943	17.98
16) T	1,3-Butadiene			0.518	0.671	0.670	0.579	0.603	11.06
17)	tert-Butyl alcoho			0.845	0.892	0.746	0.762	0.765	15.55
18) T	1,1-Dichloroethen			0.426	0.406	0.451	0.383	0.409	7.36
19) T	Isopropyl Alcohol			0.556	0.527	0.488	0.416	0.467	18.08
20) T	Methylene Chlorid			0.538	0.540	0.509	0.335	0.451	23.94
21) T	Allyl Chloride			0.666	0.724	0.774	0.663	0.700	6.85
22) T	trans-1,2-Dichlor			0.388	0.454	0.414	0.402	0.410	6.43
23) T	Vinyl Acetate			1.056	1.354	1.402	1.369	1.282	11.11
24) T	1,1-Dichloroethan			0.930	0.938	1.010	0.822	0.910	8.21
25) T	Ethyl Acetate			2.205	2.515	2.555	2.163	2.302	9.47
26) T	Hexane			1.058	1.173	1.230	0.973	1.077	11.31
27) T	Carbon Disulfide			0.810	0.916	0.937	1.004	0.936	8.68
28) T	Methyl tert-Butyl			0.963	0.955	1.061	0.929	0.955	7.43
29) T	Chloroform			1.711	1.753	1.804	1.595	1.679	6.69
30) T	Cyclohexane			0.807	0.854	0.924	0.845	0.854	5.00
31) T	cis-1,2-Dichloroe			0.805	1.016	1.059	0.970	0.967	10.01
32) T	1,1,1-Trichloroet	1.904	1.666	1.644	1.793	1.790	1.602	1.708	7.27
33) I	1,4-Difluorobenzene	-----ISTD-----							
34) T	2-Butanone			0.439	0.406	0.513	0.416	0.438	9.94
35) T	Carbon Tetrachlor	0.641	0.727	0.672	0.697	0.714	0.654	0.679	5.04
36) T	Benzene			0.795	0.889	0.906	0.817	0.843	6.10
37) T	1,2-Dichloroethan			0.449	0.486	0.517	0.470	0.477	5.39
38) T	Trichloroethene	0.254	0.288	0.308	0.328	0.331	0.301	0.300	8.80
39) T	1,2-Dichloropropa			0.351	0.348	0.354	0.320	0.338	5.47
40) T	1,4-Dioxane			0.101	0.093	0.074	0.076	0.082	18.61
41) T	Tetrahydrofuran			0.160	0.192	0.207	0.199	0.192	9.70
42) T	Bromodichlorometh			0.617	0.667	0.723	0.652	0.663	5.81
43)	Methyl Methacryla			0.223	0.264	0.300	0.294	0.275	11.78
44) T	2,2,4-Trimethylpe			1.362	1.562	1.618	1.378	1.444	9.56
45) T	t-1,3-Dichloropro			0.202	0.262	0.311	0.349	0.296	21.89
46) T	cis-1,3-Dichlorop			0.295	0.340	0.407	0.425	0.380	15.76
47) T	1,1,2-Trichloroet			0.338	0.370	0.376	0.334	0.349	6.27
48) T	Dibromochlorometh			0.441	0.491	0.567	0.544	0.518	9.84
49) T	Bromoform			0.334	0.392	0.443	0.452	0.413	12.23
50) T	4-Methyl-2-Pentan			0.493	0.584	0.655	0.631	0.599	10.73
51) T	2-Hexanone			0.224	0.261	0.316	0.344	0.299	18.26
52) T	Tetrachloroethene	0.272	0.266	0.292	0.307	0.315	0.282	0.287	6.47

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	Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
53) T	Toluene			0.725	0.887	0.983	0.913	0.882	10.79
54) T	1,2-Dibromoethane			0.463	0.529	0.524	0.477	0.493	6.20
55) I	Chlorobenzene-d5	-----ISTD-----							
56)	1,1,1,2-Tetrachlo			0.419	0.454	0.448	0.392	0.419	7.69
57) T	Chlorobenzene			0.789	0.836	0.845	0.722	0.779	8.32
58) T	Ethyl Benzene			1.042	1.314	1.419	1.301	1.268	10.95
59) T	m/p-Xylene			0.995	1.232	1.285	1.098	1.134	10.68
60) T	o-Xylene			1.025	1.212	1.204	1.038	1.096	9.40
61) T	Styrene			0.319	0.449	0.583	0.610	0.515	24.94
62)	Isopropylbenzene			1.428	1.611	1.655	1.404	1.491	8.88
63) T	1,1,2,2-Tetrachlo	1.019	0.916	0.847	0.954	0.923	0.757	0.879	11.92
64)	n-propylbenzene			0.313	0.391	0.414	0.369	0.372	10.12
65)	tert-Butylbenzene			1.146	1.470	1.525	1.252	1.319	12.80
66) T	Benzyl Chloride			0.107	0.111	0.133	0.138	0.129	15.32
67)	sec-Butylbenzene			1.591	2.026	2.130	1.741	1.831	12.80
68) S	1-Bromo-4-Fluorob	0.793	0.807	0.796	0.803	0.779	0.808	0.803	2.09
69)	p-Isopropyltoluen			1.171	1.602	1.717	1.454	1.468	14.21
70)	n-Butylbenzene			1.135	1.562	1.764	1.494	1.480	15.41
71)	2-Chlorotoluene			0.945	1.176	1.237	1.094	1.105	10.04
72) T	4-Ethyltoluene			0.862	1.232	1.351	1.245	1.177	15.74
73) T	1,3,5-Trimethylbe			0.980	1.196	1.293	1.137	1.141	10.16
74) T	1,2,4-Trimethylbe			1.020	1.329	1.426	1.173	1.212	13.53
75) T	1,3-Dichlorobenze			0.686	0.772	0.776	0.679	0.716	7.35
76) T	1,4-Dichlorobenze			0.683	0.784	0.723	0.659	0.701	7.66
77) T	1,2-Dichlorobenze			0.691	0.760	0.753	0.650	0.700	7.86
78) T	Hexachloro-1,3-Bu			0.629	0.676	0.663	0.510	0.595	14.39
79) T	Naphthalene			0.411	0.513	0.782	0.829	0.679	29.94
80) T	Naphthalene,2-met			0.048	0.056	0.059	0.117	0.075	39.51
81) T	1,2,4-Trichlorobe			0.319	0.440	0.500	0.462	0.439	16.09

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