

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

Method File : VL111621AIR.M

Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LTue Nov 16 09:59:16 2021

Last Update : Tue Nov 16 09:59:16 2021

Response Via : Initial Calibration

Calibration Files

0.03=VL038028.D 0.1 =VL038027.D 0.5 =VL038026.D

1 =VL038025.D 2 =VL038024.D 10 =VL038023.D

	Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
1) I	Bromochloromethane	-----ISTD-----							
2) T	Dichlorodifluorom			2.456	2.334	1.936	1.800	2.034	17.11
3)	Chlorodifluoromet			3.007	2.811	2.596	2.272	2.600	12.18
4)	Chloromethane			1.034	1.001	0.892	0.836	0.925	9.46
5) T	Vinyl Chloride	0.975	0.801	0.985	0.918	0.836	0.843	0.888	8.10
6) T	Bromomethane			0.540	0.479	0.466	0.431	0.475	8.52
7)	Chloroethane			0.360	0.325	0.294	0.284	0.312	9.81
8) T	Dichlorotetrafluo			2.338	2.347	2.132	1.853	2.107	11.49
9) T	Propene			1.118	1.063	0.977	0.862	0.980	11.35
10) T	Heptane			2.785	2.583	2.464	2.109	2.413	12.17
11) T	Trichlorofluorome			2.287	2.125	2.018	1.751	2.010	10.47
12) T	1,1,2-Trichlorotr			1.769	1.666	1.541	1.375	1.558	10.38
13)	Ethanol			0.099	0.101	0.084	0.075	0.087	14.25
14) T	Bromoethene			0.743	0.712	0.639	0.555	0.651	11.72
15) T	Acetone			1.433	1.267	1.197	0.956	1.176	16.24
16) T	1,3-Butadiene			0.850	0.974	0.897	0.798	0.871	7.78
17)	tert-Butyl alcoho			1.806	1.881	1.427	1.484	1.579	15.95
18) T	1,1-Dichloroethen			0.829	0.746	0.721	0.634	0.719	10.55
19) T	Isopropyl Alcohol			1.081	1.057	0.749	0.737	0.861	22.30
20) T	Methylene Chlorid			0.910	0.764	0.683	0.523	0.690	22.55
21) T	Allyl Chloride			1.197	1.312	1.184	1.054	1.177	8.01
22) T	trans-1,2-Dichlor			0.764	0.772	0.689	0.677	0.725	5.90
23) T	Vinyl Acetate			2.425	1.839	1.875	1.778	1.947	13.82
24) T	1,1-Dichloroethan			1.703	1.600	1.510	1.365	1.519	8.99
25) T	Ethyl Acetate			2.812	3.014	3.101	2.470	2.766	11.08
26) T	Hexane			1.532	1.542	1.518	1.198	1.389	13.94
27) T	Carbon Disulfide			1.874	1.881	1.845	1.702	1.822	4.01
28) T	Methyl tert-Butyl			1.965	1.885	1.765	1.611	1.782	8.09
29) T	Chloroform			2.231	2.401	2.228	1.969	2.093	14.29
30) T	Cyclohexane			1.840	1.646	1.596	1.350	1.565	12.77
31) T	cis-1,2-Dichloroe			1.313	1.144	1.125	1.049	1.150	8.52
32) T	1,1,1-Trichloroet	3.426	2.419	2.880	2.736	2.577	2.237	2.656	15.41
33) I	1,4-Difluorobenzene	-----ISTD-----							
34) T	2-Butanone			0.368	0.375	0.340	0.285	0.330	13.57
35) T	Carbon Tetrachlor	0.810	0.737	0.700	0.717	0.719	0.589	0.691	12.31
36) T	Benzene			1.048	1.027	1.032	0.844	0.951	12.26
37) T	1,2-Dichloroethan			0.441	0.473	0.479	0.409	0.442	7.86
38) T	Trichloroethene	0.522	0.444	0.367	0.391	0.379	0.311	0.386	20.32
39) T	1,2-Dichloropropa			0.406	0.383	0.393	0.336	0.368	10.10
40) T	1,4-Dioxane			0.118	0.114	0.092	0.076	0.095	22.02
41) T	Tetrahydrofuran			0.281	0.236	0.243	0.215	0.237	12.00
42) T	Bromodichlorometh			0.716	0.742	0.773	0.637	0.695	10.13
43)	Methyl Methacryla			0.346	0.369	0.369	0.314	0.339	9.47
44) T	2,2,4-Trimethylpe			1.860	1.846	1.803	1.380	1.634	17.10
45) T	t-1,3-Dichloropro			0.263	0.286	0.288	0.285	0.281	3.59
46) T	cis-1,3-Dichlorop			0.364	0.368	0.405	0.356	0.367	6.39
47) T	1,1,2-Trichloroet			0.408	0.397	0.399	0.338	0.373	10.25
48) T	Dibromochlorometh			0.622	0.655	0.681	0.549	0.607	10.78
49) T	Bromoform			0.475	0.502	0.535	0.428	0.469	11.44
50) T	4-Methyl-2-Pentan			0.639	0.638	0.620	0.546	0.595	8.83
51) T	2-Hexanone			0.292	0.286	0.297	0.256	0.278	6.90
52) T	Tetrachloroethene	0.442	0.411	0.362	0.371	0.365	0.288	0.359	16.87

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	Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
53) T	Toluene			1.244	1.228	1.198	0.970	1.112	13.84
54) T	1,2-Dibromoethane			0.520	0.572	0.576	0.481	0.523	9.57
55) I	Chlorobenzene-d5	-----ISTD-----							
56)	1,1,1,2-Tetrachlo			0.491	0.484	0.475	0.369	0.437	14.68
57) T	Chlorobenzene			0.934	0.899	0.892	0.694	0.820	14.93
58) T	Ethyl Benzene			1.754	1.666	1.644	1.271	1.519	15.49
59) T	m/p-Xylene			1.465	1.436	1.379	1.021	1.262	18.05
60) T	o-Xylene			1.352	1.349	1.279	0.946	1.171	18.30
61) T	Styrene			0.682	0.708	0.701	0.585	0.653	9.32
62)	Isopropylbenzene			2.012	1.909	1.829	1.367	1.694	18.43
63) T	1,1,2,2-Tetrachlo	1.062	1.002	0.921	0.934	0.899	0.661	0.876	18.22
64)	n-propylbenzene			0.479	0.476	0.480	0.356	0.432	14.79
65)	tert-Butylbenzene			1.796	1.737	1.650	1.142	1.486	22.53
66) T	Benzyl Chloride			0.109	0.108	0.118	0.092	0.104	11.10
67)	sec-Butylbenzene			2.454	2.366	2.306	1.587	2.053	21.65
68) S	1-Bromo-4-Fluorob	0.745	0.737	0.739	0.704	0.692	0.699	0.722	3.16
69)	p-Isopropyltoluen			1.936	1.919	1.844	1.296	1.655	20.32
70)	n-Butylbenzene			1.696	1.702	1.731	1.236	1.517	17.36
71)	2-Chlorotoluene			1.378	1.400	1.318	0.986	1.212	17.44
72) T	4-Ethyltoluene			1.536	1.560	1.535	1.175	1.397	14.42
73) T	1,3,5-Trimethylbe			1.525	1.409	1.385	1.030	1.278	17.89
74) T	1,2,4-Trimethylbe			1.482	1.500	1.443	1.017	1.286	20.15
75) T	1,3-Dichlorobenze			0.778	0.804	0.770	0.601	0.710	14.39
76) T	1,4-Dichlorobenze			0.818	0.813	0.811	0.591	0.727	16.30
77) T	1,2-Dichlorobenze			0.777	0.767	0.743	0.554	0.681	16.48
78) T	Hexachloro-1,3-Bu			0.549	0.527	0.508	0.315	0.442	26.97
79) T	Naphthalene			0.687	0.734	0.834	0.619	0.706	11.78
80) T	Naphthalene,2-met			0.109	0.088	0.179	0.118	0.133	30.18
81) T	1,2,4-Trichlorobe			0.427	0.442	0.450	0.333	0.399	14.18

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