

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

Method File : VL061421AIR.M

Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Jun 14 16:49:11 2021

Last Update : Mon Jun 14 16:49:11 2021

Response Via : Initial Calibration

Calibration Files

0.03=VL037150.D 0.1 =VL037149.D 0.5 =VL037148.D

1 =VL037147.D 2 =VL037146.D 10 =VL037145.D

	Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
1) I	Bromochloromethane	-----ISTD-----							
2) T	Dichlorodifluorom			2.028	1.818	1.510	1.453	1.593	21.28
3)	Chlorodifluoromet			1.905	1.987	2.029	1.802	1.876	8.01
4)	Chloromethane			0.620	0.667	0.687	0.629	0.639	5.81
5) T	Vinyl Chloride	0.474	0.533	0.625	0.665	0.719	0.678	0.618	13.91
6) T	Bromomethane			0.383	0.391	0.417	0.401	0.393	4.09
7)	Chloroethane			0.222	0.243	0.265	0.246	0.241	6.73
8) T	Dichlorotetrafluo			1.756	1.824	1.836	1.649	1.702	9.57
9) T	Propene			0.642	0.649	0.662	0.596	0.619	7.84
10) T	Heptane			1.368	1.493	1.599	1.509	1.475	6.14
11) T	Trichlorofluorome			1.804	1.843	1.951	1.779	1.807	5.87
12) T	1,1,2-Trichlorotr			1.194	1.314	1.315	1.207	1.240	5.62
13)	Ethanol			0.091	0.096	0.092	0.079	0.085	12.98
14) T	Bromoethene			0.522	0.543	0.561	0.541	0.536	3.45
15) T	Acetone			1.370	1.369	1.469	0.910	1.197	23.84
16) T	1,3-Butadiene			0.609	0.652	0.684	0.662	0.646	4.67
17)	tert-Butyl alcoho			0.996	0.919	1.124	1.146	1.036	9.29
18) T	1,1-Dichloroethen			0.565	0.554	0.589	0.558	0.559	3.78
19) T	Isopropyl Alcohol			0.637	0.645	0.702	0.686	0.657	5.51
20) T	Methylene Chlorid			0.613	0.557	0.573	0.454	0.522	16.46
21) T	Allyl Chloride			0.803	0.756	0.842	0.817	0.799	4.16
22) T	trans-1,2-Dichlor			0.514	0.562	0.548	0.570	0.545	4.18
23) T	Vinyl Acetate			1.485	1.498	1.616	1.690	1.571	5.41
24) T	1,1-Dichloroethan			1.177	1.365	1.340	1.256	1.261	7.19
25) T	Ethyl Acetate			2.268	2.406	2.531	2.338	2.345	5.71
26) T	Hexane			1.157	1.231	1.278	1.128	1.166	8.00
27) T	Carbon Disulfide			1.011	1.083	1.232	1.328	1.182	11.06
28) T	Methyl tert-Butyl			1.370	1.525	1.589	1.483	1.460	7.29
29) T	Chloroform			1.855	1.958	1.997	1.852	1.882	5.16
30) T	Cyclohexane			1.000	1.012	1.102	1.022	1.017	5.48
31) T	cis-1,2-Dichloroe			1.056	1.155	1.187	1.141	1.124	4.84
32) T	1,1,1-Trichloroet	1.360	1.394	1.713	1.880	2.023	1.923	1.729	14.96
33) I	1,4-Difluorobenzene	-----ISTD-----							
34) T	2-Butanone			0.383	0.352	0.407	0.382	0.376	6.11
35) T	Carbon Tetrachlor	0.451	0.509	0.619	0.642	0.728	0.698	0.615	16.25
36) T	Benzene			0.762	0.789	0.872	0.809	0.794	6.53
37) T	1,2-Dichloroethan			0.434	0.457	0.500	0.472	0.461	5.69
38) T	Trichloroethene	0.331	0.318	0.340	0.360	0.382	0.344	0.343	6.40
39) T	1,2-Dichloropropa			0.287	0.294	0.336	0.309	0.303	6.83
40) T	1,4-Dioxane			0.084	0.086	0.090	0.087	0.085	5.45
41) T	Tetrahydrofuran			0.166	0.176	0.202	0.192	0.183	7.90
42) T	Bromodichlorometh			0.552	0.616	0.684	0.678	0.635	8.47
43)	Methyl Methacryla			0.235	0.249	0.295	0.301	0.272	10.66
44) T	2,2,4-Trimethylpe			1.306	1.351	1.497	1.314	1.328	8.74
45) T	t-1,3-Dichloropro			0.176	0.200	0.254	0.304	0.245	22.85
46) T	cis-1,3-Dichlorop			0.266	0.286	0.351	0.375	0.327	14.66
47) T	1,1,2-Trichloroet			0.348	0.334	0.368	0.345	0.344	4.94
48) T	Dibromochlorometh			0.445	0.499	0.611	0.626	0.554	14.15
49) T	Bromoform			0.300	0.372	0.473	0.526	0.433	21.72
50) T	4-Methyl-2-Pentan			0.501	0.546	0.592	0.580	0.552	6.49
51) T	2-Hexanone			0.243	0.249	0.285	0.305	0.276	10.32
52) T	Tetrachloroethene	0.295	0.304	0.329	0.342	0.374	0.339	0.328	8.12

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	Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
53) T	Toluene			0.871	0.924	1.057	0.976	0.943	7.96
54) T	1,2-Dibromoethane			0.482	0.481	0.538	0.526	0.503	5.30
55) I	Chlorobenzene-d5	-----ISTD-----							
56)	1,1,1,2-Tetrachlo			0.421	0.434	0.469	0.452	0.436	5.78
57) T	Chlorobenzene			0.824	0.803	0.883	0.799	0.801	8.33
58) T	Ethyl Benzene			1.291	1.388	1.512	1.385	1.355	8.72
59) T	m/p-Xylene			1.130	1.182	1.275	1.165	1.151	8.52
60) T	o-Xylene			1.095	1.120	1.228	1.113	1.105	8.32
61) T	Styrene			0.482	0.556	0.634	0.654	0.583	11.69
62)	Isopropylbenzene			1.607	1.642	1.740	1.554	1.575	9.62
63) T	1,1,2,2-Tetrachlo	0.619	0.655	0.765	0.749	0.821	0.754	0.719	10.09
64)	n-propylbenzene			0.367	0.396	0.444	0.423	0.402	7.86
65)	tert-Butylbenzene			1.393	1.493	1.620	1.411	1.428	10.24
66) T	Benzyl Chloride			0.051	0.050	0.061	0.077	0.062	19.87
67)	sec-Butylbenzene			1.950	1.926	2.140	1.877	1.897	10.41
68) S	1-Bromo-4-Fluorob	0.739	0.715	0.738	0.727	0.720	0.763	0.737	2.38
69)	p-Isopropyltoluen			1.518	1.566	1.813	1.632	1.586	9.65
70)	n-Butylbenzene			1.319	1.397	1.656	1.545	1.451	10.00
71)	2-Chlorotoluene			1.082	1.137	1.259	1.143	1.124	8.48
72) T	4-Ethyltoluene			1.202	1.324	1.387	1.339	1.284	7.36
73) T	1,3,5-Trimethylbe			1.245	1.244	1.301	1.222	1.218	6.89
74) T	1,2,4-Trimethylbe			1.174	1.265	1.385	1.269	1.239	8.63
75) T	1,3-Dichlorobenze			0.725	0.760	0.823	0.797	0.763	6.30
76) T	1,4-Dichlorobenze			0.764	0.777	0.769	0.790	0.758	5.23
77) T	1,2-Dichlorobenze			0.750	0.747	0.815	0.768	0.752	6.41
78) T	Hexachloro-1,3-Bu			0.597	0.561	0.580	0.495	0.533	12.80
79) T	Naphthalene			0.453	0.580	0.802	0.990	0.746	30.10
80) T	Naphthalene,2-met			0.075	0.077	0.163	0.311	0.180	60.85
81) T	1,2,4-Trichlorobe			0.352	0.418	0.524	0.564	0.474	18.35

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