

Method Path : Z:\V0ASRV\HPCHEM1\MSV0A_L\METHODS\

Method File : VL030420AIR.M

Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSV0A_L Wed Mar 04 06:36:39 2020

Last Update : Wed Mar 04 06:36:39 2020

Response Via : Initial Calibration

Calibration Files

0.03=VL034781.D 0.1 =VL034780.D 0.5 =VL034779.D

1 =VL034778.D 2 =VL034777.D 10 =VL034776.D

	Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
1) I	Bromochloromethane	-----ISTD-----							
2) T	Dichlorodifluorom			2.107	1.923	1.891	1.215	1.632	29.42
3)	Chlorodifluoromet			1.291	1.238	1.184	1.017	1.139	12.36
4)	Chloromethane			0.664	0.649	0.660	0.560	0.614	9.90
5) T	Vinyl Chloride	0.868	0.706	0.617	0.640	0.618	0.547	0.648	17.27
6) T	Bromomethane			0.379	0.374	0.367	0.323	0.354	7.64
7)	Chloroethane			0.250	0.245	0.223	0.204	0.224	10.49
8) T	Dichlorotetrafluor			1.649	1.526	1.485	1.243	1.418	13.83
9) T	Propene			0.475	0.462	0.472	0.432	0.448	7.04
10) T	Heptane			1.023	1.168	1.218	1.166	1.140	6.45
11) T	Trichlorofluorome			1.633	1.606	1.535	1.266	1.460	12.53
12) T	1,1,2-Trichlorotr			1.140	1.081	1.074	0.866	1.008	12.65
13)	Ethanol			0.213	0.194	0.121	0.127	0.154	30.33
14) T	Bromoethene			0.419	0.443	0.435	0.393	0.413	6.69
15) T	Acetone			1.440	1.297	1.271	0.994	1.197	16.70
16) T	1,3-Butadiene			0.557	0.560	0.572	0.522	0.542	5.68
17)	tert-Butyl alcoho			1.100	1.110	0.684	0.985	0.944	19.21
18) T	1,1-Dichloroethen			0.488	0.478	0.449	0.401	0.444	9.10
19) T	Isopropyl Alcohol			0.806	0.823	0.533	0.760	0.717	16.72
20) T	Methylene Chlorid			0.508	0.479	0.438	0.352	0.427	16.43
21) T	Allyl Chloride			0.782	0.794	0.793	0.705	0.758	5.69
22) T	trans-1,2-Dichlor			0.465	0.456	0.449	0.386	0.434	7.67
23) T	Vinyl Acetate			1.476	1.647	1.753	1.618	1.606	6.63
24) T	1,1-Dichloroethan			1.396	1.277	1.311	1.139	1.246	9.65
25) T	Ethyl Acetate			2.142	2.203	2.183	1.958	2.069	7.33
26) T	Hexane			0.902	0.928	0.971	0.880	0.904	5.46
27) T	Carbon Disulfide			1.012	1.053	1.129	1.022	1.056	4.39
28) T	Methyl tert-Butyl			1.361	1.447	1.424	1.309	1.346	7.73
29) T	Chloroform			1.694	1.641	1.555	1.371	1.522	10.29
30) T	Cyclohexane			0.634	0.664	0.733	0.725	0.692	6.07
31) T	cis-1,2-Dichloroe			0.930	0.943	0.954	0.925	0.927	2.84
32) T	1,1,1-Trichloroet	2.027	1.459	1.495	1.420	1.461	1.340	1.504	15.91
33) I	1,4-Difluorobenzene	-----ISTD-----							
34) T	2-Butanone			0.624	0.692	0.710	0.623	0.651	7.23
35) T	Carbon Tetrachlor	1.011	0.772	0.727	0.715	0.739	0.651	0.755	15.97
36) T	Benzene			0.850	0.871	0.923	0.825	0.855	5.43
37) T	1,2-Dichloroethan			0.642	0.596	0.594	0.537	0.584	7.21
38) T	Trichloroethene	0.435	0.314	0.307	0.327	0.330	0.310	0.333	13.81
39) T	1,2-Dichloropropa			0.354	0.361	0.353	0.329	0.345	4.69
40) T	1,4-Dioxane			0.122	0.140	0.102	0.122	0.119	11.96
41) T	Tetrahydrofuran			0.281	0.341	0.365	0.340	0.332	9.39
42) T	Bromodichlorometh			0.742	0.742	0.763	0.723	0.739	2.30
43)	Methyl Methacryla			0.309	0.341	0.395	0.380	0.362	9.90
44) T	2,2,4-Trimethylpe			1.428	1.574	1.641	1.440	1.493	7.31
45) T	t-1,3-Dichloropro			0.278	0.326	0.394	0.443	0.380	20.30
46) T	cis-1,3-Dichlorop			0.370	0.432	0.484	0.515	0.464	13.58
47) T	1,1,2-Trichloroet			0.376	0.366	0.393	0.343	0.364	5.92
48) T	Dibromochlorometh			0.518	0.548	0.607	0.581	0.569	6.37
49) T	Bromoform			0.439	0.469	0.529	0.518	0.497	8.16
50) T	4-Methyl-2-Pentan			0.841	0.941	1.031	0.932	0.932	7.25
51) T	2-Hexanone			0.591	0.689	0.823	0.773	0.731	12.60
52) T	Tetrachloroethene	0.379	0.347	0.281	0.307	0.317	0.291	0.316	11.30

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	Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
53) T	Toluene			0.719	0.915	1.004	0.948	0.904	12.02
54) T	1,2-Dibromoethane			0.504	0.549	0.586	0.527	0.538	5.82
55) I	Chlorobenzene-d5	-----ISTD-----							
56)	1,1,1,2-Tetrachlo			0.455	0.476	0.468	0.405	0.443	7.36
57) T	Chlorobenzene			0.851	0.814	0.815	0.668	0.764	11.39
58) T	Ethyl Benzene			1.100	1.275	1.361	1.217	1.232	7.77
59) T	m/p-Xylene			1.046	1.131	1.173	0.994	1.067	7.69
60) T	o-Xylene			1.051	1.184	1.167	0.993	1.079	8.42
61) T	Styrene			0.526	0.650	0.738	0.711	0.670	13.03
62)	Isopropylbenzene			1.590	1.715	1.752	1.447	1.589	9.19
63) T	1,1,2,2-Tetrachlo	0.990	0.884	0.891	0.866	0.877	0.715	0.851	11.32
64)	n-propylbenzene			0.373	0.415	0.434	0.382	0.398	6.36
65)	tert-Butylbenzene			1.225	1.458	1.502	1.265	1.342	9.49
66) T	Benzyl Chloride			0.331	0.362	0.423	0.509	0.434	21.11
67)	sec-Butylbenzene			1.815	2.131	2.232	1.820	1.956	10.68
68) S	1-Bromo-4-Fluorob	0.858	0.848	0.860	0.834	0.813	0.793	0.834	2.94
69)	p-Isopropyltoluen			1.417	1.694	1.798	1.510	1.583	9.94
70)	n-Butylbenzene			1.568	1.843	1.966	1.644	1.731	9.63
71)	2-Chlorotoluene			1.067	1.251	1.364	1.159	1.200	9.38
72) T	4-Ethyltoluene			1.088	1.222	1.336	1.172	1.202	7.47
73) T	1,3,5-Trimethylbe			1.068	1.194	1.269	1.116	1.153	6.84
74) T	1,2,4-Trimethylbe			1.228	1.342	1.391	1.152	1.253	8.73
75) T	1,3-Dichlorobenze			0.769	0.819	0.788	0.662	0.742	9.63
76) T	1,4-Dichlorobenze			0.726	0.744	0.739	0.665	0.710	5.22
77) T	1,2-Dichlorobenze			0.730	0.739	0.776	0.644	0.710	7.89
78) T	Hexachloro-1,3-Bu			0.630	0.651	0.657	0.498	0.592	12.58
79) T	Naphthalene			0.648	0.818	0.994	1.114	0.942	22.01
80) T	Naphthalene,2-met			0.123	0.136	0.225	0.305	0.225	42.81
81) T	1,2,4-Trichlorobe			0.493	0.558	0.638	0.640	0.595	11.41

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