

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\

Method File : VL070219AIR.M

Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Jul 02 19:31:31 2019

Last Update : Tue Jul 02 19:31:31 2019

Response Via : Initial Calibration

Calibration Files

0.03=VL033994.D 0.1 =VL033993.D 0.5 =VL033992.D

1 =VL033991.D 2 =VL033990.D 10 =VL033989.D

	Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
1) I	Bromochloromethane	-----ISTD-----							
2) T	Dichlorodifluorom			2.685	2.407	1.964	1.743	2.064	23.14
3)	Chlorodifluoromet			1.427	1.312	1.230	1.139	1.235	11.50
4)	Chloromethane			0.821	0.742	0.727	0.645	0.710	11.56
5) T	Vinyl Chloride	1.081	0.764	0.783	0.790	0.782	0.707	0.798	16.48
6) T	Bromomethane			0.481	0.477	0.506	0.452	0.471	5.64
7)	Chloroethane			0.300	0.293	0.296	0.272	0.285	5.45
8) T	Dichlorotetrafluo			2.232	2.161	2.085	1.835	2.012	10.50
9) T	Propene			0.487	0.458	0.482	0.428	0.454	6.88
10) T	Heptane			0.980	1.079	1.202	1.231	1.137	9.25
11) T	Trichlorofluorome			2.429	2.291	2.236	2.009	2.321	10.06
12) T	1,1,2-Trichlorotr			1.647	1.665	1.576	1.424	1.642	10.54
13)	Ethanol			0.155	0.184	0.154	0.118	0.141	24.47
14) T	Bromoethene			0.593	0.623	0.656	0.604	0.613	4.44
15) T	Acetone			1.855	1.757	1.644	1.354	1.681	11.81
16) T	1,3-Butadiene			0.588	0.586	0.630	0.588	0.594	3.55
17)	tert-Butyl alcoho			1.212	1.345	1.295	1.270	1.340	10.64
18) T	1,1-Dichloroethen			0.730	0.693	0.705	0.665	0.732	10.62
19) T	Isopropyl Alcohol			1.190	1.179	1.061	1.006	1.129	7.92
20) T	Methylene Chlorid			0.820	0.754	0.737	0.579	0.733	12.51
21) T	Allyl Chloride			0.958	0.993	1.005	0.970	1.048	14.38
22) T	trans-1,2-Dichlor			0.724	0.733	0.701	0.678	0.697	4.87
23) T	Vinyl Acetate			1.317	1.770	1.843	1.785	1.678	12.55
24) T	1,1-Dichloroethan			1.560	1.546	1.563	1.424	1.487	6.66
25) T	Ethyl Acetate			2.189	2.318	2.439	2.290	2.300	3.98
26) T	Hexane			0.965	1.083	1.127	1.038	1.052	5.69
27) T	Carbon Disulfide			1.584	1.643	1.662	1.723	1.789	17.22
28) T	Methyl tert-Butyl			1.622	1.772	1.913	1.864	1.782	6.37
29) T	Chloroform			2.122	2.103	2.052	1.832	1.978	8.10
30) T	Cyclohexane			0.711	0.750	0.867	0.867	0.813	9.38
31) T	cis-1,2-Dichloroe			0.919	0.930	1.074	1.093	1.017	8.33
32) T	1,1,1-Trichloroet	2.534	2.050	1.858	1.927	1.999	1.852	2.004	12.39
33) I	1,4-Difluorobenzene	-----ISTD-----							
34) T	2-Butanone			0.462	0.533	0.592	0.542	0.529	8.87
35) T	Carbon Tetrachlor	0.910	0.797	0.759	0.780	0.789	0.765	0.792	6.99
36) T	Benzene			0.690	0.744	0.830	0.837	0.782	8.10
37) T	1,2-Dichloroethan			0.577	0.580	0.604	0.567	0.576	3.19
38) T	Trichloroethene	0.413	0.296	0.318	0.322	0.360	0.368	0.348	11.28
39) T	1,2-Dichloropropa			0.261	0.290	0.305	0.303	0.291	6.11
40) T	1,4-Dioxane			0.139	0.148	0.135	0.133	0.134	8.41
41) T	Tetrahydrofuran			0.204	0.237	0.287	0.289	0.260	14.56
42) T	Bromodichlorometh			0.741	0.767	0.813	0.781	0.773	3.42
43)	Methyl Methacryla			0.235	0.272	0.311	0.336	0.297	14.32
44) T	2,2,4-Trimethylpe			1.170	1.348	1.455	1.402	1.351	8.02
45) T	t-1,3-Dichloropro			0.273	0.310	0.393	0.477	0.388	24.80
46) T	cis-1,3-Dichlorop			0.333	0.383	0.457	0.528	0.450	20.45
47) T	1,1,2-Trichloroet			0.353	0.354	0.384	0.367	0.366	3.48
48) T	Dibromochlorometh			0.811	0.632	0.669	0.684	0.698	9.68
49) T	Bromoform			0.510	0.579	0.643	0.627	0.596	8.97
50) T	4-Methyl-2-Pentan			0.620	0.765	0.852	0.835	0.785	12.65
51) T	2-Hexanone			0.592	0.540	0.653	0.685	0.633	10.47
52) T	Tetrachloroethene	0.281	0.393	0.310	0.330	0.342	0.354	0.337	10.52

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	Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
53) T	Toluene			0.634	0.817	0.971	1.029	0.896	18.95
54) T	1,2-Dibromoethane			0.458	0.529	0.564	0.570	0.540	9.14
55) I	Chlorobenzene-d5	-----ISTD-----							
56)	1,1,1,2-Tetrachlo			0.455	0.474	0.473	0.431	0.447	6.99
57) T	Chlorobenzene			0.832	0.848	0.831	0.756	0.796	7.34
58) T	Ethyl Benzene			0.905	1.201	1.320	1.328	1.203	14.46
59) T	m/p-Xylene			0.936	1.140	1.193	1.117	1.089	9.01
60) T	o-Xylene			0.927	1.154	1.224	1.104	1.089	10.45
61) T	Styrene			0.518	0.672	0.792	0.832	0.721	17.78
62)	Isopropylbenzene			1.335	1.507	2.146	1.981	1.675	21.80
63) T	1,1,2,2-Tetrachlo	0.983	0.848	0.848	0.875	0.854	0.773	0.843	9.72
64)	n-propylbenzene			0.335	0.401	0.558	0.516	0.434	22.53
65)	tert-Butylbenzene			1.157	1.383	1.524	1.798	1.424	17.58
66) T	Benzyl Chloride			0.585	0.589	0.709	1.019	0.729	24.24
67)	sec-Butylbenzene			1.650	2.014	2.104	2.475	1.999	16.23
68) S	1-Bromo-4-Fluorob	0.794	0.812	0.812	0.807	1.029	0.991	0.853	13.11
69)	p-Isopropyltoluen			1.327	1.620	1.773	2.058	1.648	17.23
70)	n-Butylbenzene			1.428	1.737	1.842	2.147	1.731	16.60
71)	2-Chlorotoluene			0.875	1.055	1.615	1.518	1.225	26.28
72) T	4-Ethyltoluene			0.978	1.259	1.808	1.708	1.399	24.90
73) T	1,3,5-Trimethylbe			1.006	1.306	1.357	1.671	1.302	19.01
74) T	1,2,4-Trimethylbe			1.253	1.472	1.506	1.754	1.442	14.96
75) T	1,3-Dichlorobenze			0.916	0.946	0.932	1.048	0.916	12.35
76) T	1,4-Dichlorobenze			0.821	0.853	0.885	1.017	0.862	11.97
77) T	1,2-Dichlorobenze			0.791	0.878	0.883	0.989	0.848	12.83
78) T	Hexachloro-1,3-Bu			0.773	0.803	0.776	0.736	0.722	16.10
79) T	Naphthalene			0.874	1.129	1.323	1.566	1.212	21.07
80) T	Naphthalene,2-met			0.297	0.334	0.575	0.536	0.441	27.72
81) T	1,2,4-Trichlorobe			0.661	0.775	0.833	0.938	0.778	14.47

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