

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

Method File : VL012819AIR.M

Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Jan 29 06:21:00 2019

Last Update : Tue Jan 29 06:21:00 2019

Response Via : Initial Calibration

Calibration Files

0.03=VL033119.D 0.1 =VL033118.D 0.5 =VL033117.D

1 =VL033122.D 2 =VL033115.D 10 =VL033121.D

	Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
1) I	Bromochloromethane	-----ISTD-----							
2) T	Dichlorodifluorom			2.719	2.598	2.644	1.955	2.368	16.64
3)	Chlorodifluoromet			1.521	1.438	1.463	1.137	1.327	15.42
4)	Chloromethane			0.789	0.785	0.797	0.620	0.721	13.24
5) T	Vinyl Chloride	1.226	0.802	0.776	0.806	0.857	0.648	0.823	23.77
6) T	Bromomethane			0.531	0.531	0.527	0.405	0.485	12.78
7)	Chloroethane			0.318	0.299	0.299	0.239	0.281	12.36
8) T	Dichlorotetrafluo			2.162	2.078	2.126	1.579	1.895	16.54
9) T	Propene			0.510	0.551	0.565	0.489	0.517	7.91
10) T	Heptane			1.207	1.314	1.401	1.202	1.254	8.21
11) T	Trichlorofluorome			2.324	2.206	2.294	1.589	2.018	17.62
12) T	1,1,2-Trichlorotr			1.640	1.558	1.549	1.102	1.400	18.03
13)	Ethanol			0.232	0.228	0.210	0.127	0.185	28.29
14) T	Bromoethene			0.658	0.640	0.658	0.515	0.606	10.71
15) T	Acetone			1.594	1.481	1.544	1.021	1.350	19.58
16) T	1,3-Butadiene			0.582	0.570	0.593	0.524	0.564	4.75
17)	tert-Butyl alcoho			0.313	0.337	0.330	0.266	0.300	12.69
18) T	1,1-Dichloroethen			0.682	0.674	0.708	0.515	0.622	14.86
19) T	Isopropyl Alcohol			1.022	1.012	0.995	0.784	0.920	13.44
20) T	Methylene Chlorid			0.758	0.670	0.740	0.442	0.613	25.04
21) T	Allyl Chloride			0.997	0.994	1.044	0.813	0.941	10.64
22) T	trans-1,2-Dichlor			0.691	0.680	0.671	0.520	0.624	12.64
23) T	Vinyl Acetate			1.912	2.000	2.094	1.764	1.909	7.45
24) T	1,1-Dichloroethan			1.747	1.668	1.685	1.300	1.546	13.75
25) T	Ethyl Acetate			2.566	2.612	2.671	2.095	2.402	12.32
26) T	Hexane			1.187	1.319	1.315	0.969	1.152	15.13
27) T	Carbon Disulfide			1.558	1.594	1.666	1.304	1.504	9.86
28) T	Methyl tert-Butyl			1.762	1.960	1.989	1.662	1.808	8.72
29) T	Chloroform			2.164	2.092	2.060	1.585	1.898	15.04
30) T	Cyclohexane			0.724	0.916	0.992	0.866	0.865	11.54
31) T	cis-1,2-Dichloroe			0.998	1.131	1.146	0.997	1.052	7.54
32) T	1,1,1-Trichloroet	3.824	3.005	2.894	2.135	2.114	1.623	2.456	33.30
33) I	1,4-Difluorobenzene	-----ISTD-----							
34) T	2-Butanone			0.578	0.601	0.634	0.513	0.567	9.57
35) T	Carbon Tetrachlor	1.248	0.913	1.124	0.872	0.876	0.693	0.916	22.80
36) T	Benzene			1.071	0.893	0.914	0.771	0.882	14.29
37) T	1,2-Dichloroethan			0.817	0.587	0.577	0.466	0.581	24.88
38) T	Trichloroethene	0.458	0.339	0.347	0.364	0.378	0.319	0.359	14.07
39) T	1,2-Dichloropropa			0.326	0.332	0.331	0.289	0.311	8.47
40) T	1,4-Dioxane			0.127	0.122	0.130	0.109	0.119	9.09
41) T	Tetrahydrofuran			0.367	0.314	0.324	0.297	0.319	9.03
42) T	Bromodichlorometh			0.894	0.800	0.834	0.669	0.771	13.37
43)	Methyl Methacryla			0.277	0.316	0.343	0.309	0.309	7.81
44) T	2,2,4-Trimethylpe			1.392	1.499	1.563	1.284	1.394	10.10
45) T	t-1,3-Dichloropro			0.296	0.338	0.406	0.426	0.379	15.56
46) T	cis-1,3-Dichlorop			0.382	0.429	0.495	0.483	0.453	10.35
47) T	1,1,2-Trichloroet			0.392	0.384	0.386	0.327	0.360	10.48
48) T	Dibromochlorometh			0.655	0.659	0.695	0.595	0.636	7.75
49) T	Bromoform			0.562	0.493	0.598	0.514	0.531	8.90
50) T	4-Methyl-2-Pentan			0.717	0.780	0.859	0.723	0.757	8.37
51) T	2-Hexanone			0.407	0.533	0.600	0.558	0.528	13.71
52) T	Tetrachloroethene	0.335	0.221	0.308	0.320	0.319	0.283	0.293	13.36

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	Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
53) T	Toluene			0.710	0.925	1.001	0.903	0.882	12.18
54) T	1,2-Dibromoethane			0.506	0.539	0.554	0.504	0.517	5.43
55) I	Chlorobenzene-d5	-----ISTD-----							
56)	1,1,1,2-Tetrachlo			0.579	0.547	0.550	0.411	0.494	18.41
57) T	Chlorobenzene			0.913	0.890	0.877	0.686	0.800	16.26
58) T	Ethyl Benzene			0.988	1.193	1.405	1.200	1.179	12.93
59) T	m/p-Xylene			1.059	1.132	1.302	1.027	1.092	12.40
60) T	o-Xylene			1.317	1.207	1.246	0.985	1.132	15.67
61) T	Styrene			0.633	0.722	0.819	0.745	0.723	9.43
62)	Isopropylbenzene			1.938	1.590	1.767	1.424	1.604	15.98
63) T	1,1,2,2-Tetrachlo	1.101	0.919	1.194	0.909	0.894	0.673	0.902	22.97
64)	n-propylbenzene			0.451	0.386	0.440	0.329	0.389	14.41
65)	tert-Butylbenzene			1.581	1.351	1.556	1.119	1.347	16.50
66) T	Benzyl Chloride			0.737	0.700	0.808	0.679	0.725	6.96
67)	sec-Butylbenzene			2.325	1.996	2.210	1.543	1.934	18.28
68) S	1-Bromo-4-Fluorob	0.733	0.763	0.972	0.688	0.730	0.739	0.756	13.22
69)	p-Isopropyltoluen			1.766	1.543	1.800	1.828	1.651	13.13
70)	n-Butylbenzene			1.688	1.477	1.757	1.274	1.500	14.56
71)	2-Chlorotoluene			1.188	1.048	1.261	1.012	1.094	11.54
72) T	4-Ethyltoluene			1.251	1.156	1.346	1.140	1.191	9.18
73) T	1,3,5-Trimethylbe			1.302	1.134	1.296	1.083	1.165	11.14
74) T	1,2,4-Trimethylbe			1.501	1.248	1.399	1.001	1.234	18.09
75) T	1,3-Dichlorobenze			1.020	0.754	0.803	0.568	0.745	24.89
76) T	1,4-Dichlorobenze			0.898	0.646	0.742	0.572	0.687	19.88
77) T	1,2-Dichlorobenze			0.944	0.715	0.752	0.773	0.749	18.28
78) T	Hexachloro-1,3-Bu			0.615	0.567	0.403	0.244	0.439	34.67
79) T	Naphthalene			0.645	0.556	0.890	0.834	0.759	19.70
80) T	Naphthalene,2-met			0.076	0.062	0.188	0.312	0.189	63.85
81) T	1,2,4-Trichlorobe			0.378	0.305	0.436	0.401	0.387	13.01

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