

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

Method File : VL083118AIR.M

Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 31 04:25:10 2018

Last Update : Fri Aug 31 05:07:44 2018

Response Via : Initial Calibration

Calibration Files

0.03=VL032436.D 0.1 =VL032435.D 0.5 =VL032434.D

1 =VL032433.D 2 =VL032432.D 10 =VL032431.D

	Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
1) I	Bromochloromethane	-----ISTD-----							
2) T	Dichlorodifluorom			1.480	1.491	1.431	1.265	1.279	25.05
3)	Chlorodifluoromet			0.951	0.985	0.943	0.809	0.905	8.50
4)	Chloromethane			0.577	0.569	0.581	0.492	0.548	7.18
5) T	Vinyl Chloride	0.578	0.303	0.528	0.534	0.522	0.473	0.490	18.16
6) T	Bromomethane			0.288	0.303	0.291	0.262	0.284	5.44
7)	Chloroethane			0.197	0.193	0.194	0.171	0.187	5.69
8) T	Dichlorotetrafluor			1.242	1.237	1.192	1.006	1.135	10.84
9) T	Propene			0.324	0.354	0.380	0.368	0.365	7.78
10) T	Heptane			1.108	1.313	1.412	1.356	1.310	9.05
11) T	Trichlorofluorome			1.250	1.285	1.173	1.033	1.153	10.43
12) T	1,1,2-Trichlorotr			0.853	0.849	0.824	0.684	0.782	10.72
13)	Ethanol			0.129	0.146	0.118	0.089	0.114	22.23
14) T	Bromoethene			0.334	0.348	0.328	0.321	0.331	3.17
15) T	Acetone			0.971	1.009	0.936	0.780	0.901	11.34
16) T	1,3-Butadiene			0.421	0.428	0.448	0.374	0.419	6.53
17)	tert-Butyl alcoho			0.155	0.146	0.129	0.127	0.139	8.59
18) T	1,1-Dichloroethen			0.382	0.364	0.370	0.327	0.357	6.12
19) T	Isopropyl Alcohol			0.637	0.641	0.560	0.546	0.591	7.58
20) T	Methylene Chlorid			0.397	0.373	0.352	0.293	0.343	13.10
21) T	Allyl Chloride			0.574	0.625	0.610	0.577	0.598	3.65
22) T	trans-1,2-Dichlor			0.424	0.419	0.368	0.366	0.388	8.11
23) T	Vinyl Acetate			1.304	1.530	1.580	1.513	1.493	7.26
24) T	1,1-Dichloroethan			1.306	1.339	1.266	1.139	1.230	8.56
25) T	Ethyl Acetate			2.200	2.231	2.237	1.988	2.127	6.22
26) T	Hexane			0.916	0.982	1.018	0.926	0.952	4.76
27) T	Carbon Disulfide			0.834	0.883	0.912	0.861	0.879	3.69
28) T	Methyl tert-Butyl			1.051	1.192	1.221	1.196	1.169	5.77
29) T	Chloroform			1.547	1.522	1.534	1.314	1.452	7.82
30) T	Cyclohexane			0.653	0.653	0.698	0.733	0.697	6.38
31) T	cis-1,2-Dichloroe			0.771	0.849	0.894	0.883	0.862	6.54
32) T	1,1,1-Trichloroet	0.268	1.045	1.366	1.409	1.361	1.224	1.130	35.35
33) I	1,4-Difluorobenzene	-----ISTD-----							
34) T	2-Butanone			0.650	0.709	0.717	0.636	0.664	7.11
35) T	Carbon Tetrachlor	0.361	0.516	0.687	0.677	0.679	0.592	0.586	20.06
36) T	Benzene			0.795	0.882	0.900	0.839	0.851	4.84
37) T	1,2-Dichloroethan			0.545	0.553	0.545	0.483	0.522	6.92
38) T	Trichloroethene	0.329	0.173	0.283	0.348	0.338	0.295	0.294	20.03
39) T	1,2-Dichloropropa			0.376	0.373	0.383	0.342	0.364	5.09
40) T	1,4-Dioxane			0.108	0.130	0.101	0.112	0.109	12.34
41) T	Tetrahydrofuran			0.301	0.356	0.389	0.377	0.362	9.98
42) T	Bromodichlorometh			0.731	0.764	0.769	0.670	0.719	7.05
43)	Methyl Methacryla			0.282	0.348	0.388	0.390	0.361	13.33
44) T	2,2,4-Trimethylpe			1.496	1.856	1.800	1.613	1.645	10.77
45) T	t-1,3-Dichloropro			0.266	0.328	0.405	0.454	0.386	22.92
46) T	cis-1,3-Dichlorop			0.377	0.457	0.519	0.562	0.494	15.64
47) T	1,1,2-Trichloroet			0.384	0.427	0.424	0.338	0.387	9.95
48) T	Dibromochlorometh			0.511	0.554	0.566	0.534	0.536	4.47
49) T	Bromoform			0.436	0.477	0.503	0.467	0.466	5.67
50) T	4-Methyl-2-Pentan			0.870	1.016	1.113	1.013	1.001	8.68
51) T	2-Hexanone			0.457	0.616	0.723	0.712	0.645	17.65
52) T	Tetrachloroethene	0.112	0.194	0.258	0.273	0.279	0.253	0.231	25.68

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

Method File : VL083118AIR.M

Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSV0A_L Fri Aug 31 04:25:10 2018

Last Update : Fri Aug 31 05:07:44 2018

Response Via : Initial Calibration

Calibration Files

0.03=VL032436.D 0.1 =VL032435.D 0.5 =VL032434.D

1 =VL032433.D 2 =VL032432.D 10 =VL032431.D

	Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
53) T	Toluene			0.662	0.809	1.054	0.911	0.890	17.84
54) T	1,2-Dibromoethane			0.491	0.552	0.525	0.545	0.520	5.82
55) I	Chlorobenzene-d5	-----ISTD-----							
56)	1,1,1,2-Tetrachlo			0.508	0.500	0.471	0.402	0.451	13.35
57) T	Chlorobenzene			0.882	0.879	0.843	0.724	0.799	12.22
58) T	Ethyl Benzene			0.955	1.178	1.334	1.292	1.197	12.36
59) T	m/p-Xylene			1.001	1.175	1.225	1.111	1.109	8.46
60) T	o-Xylene			0.918	1.135	1.187	1.041	1.048	10.84
61) T	Styrene			0.469	0.640	0.755	0.782	0.678	19.04
62)	Isopropylbenzene			1.373	1.548	1.630	1.455	1.473	7.83
63) T	1,1,2,2-Tetrachlo	0.489	0.518	1.028	1.022	0.984	0.808	0.798	28.74
64)	n-propylbenzene			0.349	0.403	0.424	0.387	0.385	7.83
65)	tert-Butylbenzene			1.176	1.375	1.454	1.220	1.270	10.99
66) T	Benzyl Chloride			0.633	0.680	0.757	0.746	0.707	7.22
67)	sec-Butylbenzene			1.795	2.077	2.161	1.834	1.909	10.60
68) S	1-Bromo-4-Fluorob	0.752	0.758	0.752	0.743	0.723	0.745	0.742	1.85
69)	p-Isopropyltoluen			1.297	1.571	1.709	1.466	1.480	11.21
70)	n-Butylbenzene			1.490	1.833	1.951	1.627	1.677	12.42
71)	2-Chlorotoluene			0.966	1.147	1.265	1.159	1.126	9.70
72) T	4-Ethyltoluene			0.897	1.175	1.280	1.220	1.144	12.81
73) T	1,3,5-Trimethylbe			0.993	1.203	1.294	1.156	1.146	9.96
74) T	1,2,4-Trimethylbe			1.246	1.388	1.427	1.156	1.253	12.56
75) T	1,3-Dichlorobenze			0.845	0.827	0.797	0.651	0.744	15.00
76) T	1,4-Dichlorobenze			0.688	0.749	0.750	0.649	0.690	8.71
77) T	1,2-Dichlorobenze			0.727	0.791	0.800	0.653	0.717	11.35
78) T	Hexachloro-1,3-Bu			0.325	0.297	0.282	0.209	0.268	18.18
79) T	Naphthalene			0.764	1.004	1.175	1.097	1.019	15.29
80) T	Naphthalene,2-met			0.114	0.161	0.281	0.391	0.271	48.94
81) T	1,2,4-Trichlorobe			0.453	0.514	0.588	0.519	0.513	9.61

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