

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\
 Method File : SOM2WLM070219S.M
 Title : VOC Analysis
 Last Update : Tue Jul 02 12:27:54 2019
 Response Via : Initial Calibration

Calibration Files

2.5 =VW011100.D 5 =VW011101.D 25 =VW011102.D
 50 =VW011103.D 100 =VW011104.D

Compound		2.5	5	25	50	100	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.313	0.279	0.302	0.315	0.328	0.307	5.89
3) T	Chloromethane	0.349	0.330	0.312	0.319	0.359	0.334	5.92
4) S	Vinyl Chloride-d3	0.357	0.367	0.431	0.383	0.372	0.382	7.57
5) T	Vinyl chloride	0.463	0.470	0.426	0.416	0.404	0.436	6.73
6) T	Bromomethane	0.206	0.216	0.200	0.199	0.198	0.204	3.71
7) S	Chloroethane-d5	0.251	0.244	0.300	0.274	0.271	0.268	8.17
8) T	Chloroethane	0.213	0.220	0.223	0.224	0.222	0.220	1.88
9) T	Trichlorofluorometh	0.159	0.139	0.140	0.146	0.162	0.149	7.03
10) S	1,1-Dichloroethene-	0.767	0.788	0.878	0.809	0.800	0.808	5.18
11) T	1,1,2-Trichloro-1,2	0.330	0.344	0.329	0.332	0.327	0.332	1.98
12) T	1,1-Dichloroethene	0.322	0.339	0.329	0.327	0.326	0.329	1.98
13) T	Acetone	0.200	0.173	0.122	0.126	0.113	0.147	25.72
14) T	Carbon disulfide	0.924	0.962	0.918	0.946	0.949	0.940	1.93
15) T	Methyl Acetate	0.241	0.222	0.235	0.263	0.235	0.239	6.32
16) T	Methylene chloride	0.405	0.397	0.352	0.345	0.339	0.367	8.44
17) T	Methyl tert-butyl E	0.494	0.510	0.514	0.531	0.499	0.509	2.85
18) T	trans-1,2-Dichloroe	0.337	0.350	0.320	0.326	0.328	0.332	3.54
19) T	1,1-Dichloroethane	0.664	0.694	0.664	0.673	0.676	0.674	1.82
20) S	2-Butanone-d5	0.137	0.140	0.162	0.166	0.146	0.150	8.73
21)	2-Butanone	0.203	0.205	0.175	0.194	0.170	0.190	8.42
22) T	cis-1,2-Dichloroeth	0.354	0.368	0.353	0.360	0.362	0.359	1.65
23) T	Bromochloromethane	0.145	0.157	0.148	0.153	0.151	0.151	3.06
24) S	Chloroform-d	0.650	0.677	0.741	0.680	0.678	0.685	4.87
25) T	Chloroform	0.645	0.667	0.626	0.628	0.627	0.638	2.76
26) S	1,2-Dichloroethane-	0.405	0.410	0.464	0.422	0.408	0.422	5.76
27) T	1,2-Dichloroethane	0.494	0.505	0.482	0.489	0.469	0.488	2.74
28) I	Chlorobenzene-d5	-----ISTD-----						
29) S	Benzene-d6	1.494	1.523	1.693	1.513	1.479	1.540	5.65
30) T	Cyclohexane	0.754	0.791	0.752	0.760	0.744	0.760	2.38
31) T	1,1,1-Trichloroetha	0.530	0.541	0.516	0.509	0.498	0.519	3.24
32) T	Carbon tetrachlorid	0.487	0.500	0.478	0.484	0.483	0.487	1.68
33) S	1,2-Dichloropropane	0.480	0.495	0.548	0.497	0.488	0.502	5.35
34) T	Benzene	1.582	1.653	1.556	1.536	1.486	1.562	3.94
35) T	Trichloroethene	0.415	0.416	0.381	0.384	0.375	0.394	5.00
36) T	Methylcyclohexane	0.721	0.739	0.703	0.702	0.683	0.710	2.97
37) S	Toluene-d8	1.273	1.343	1.528	1.373	1.346	1.372	6.86
38) S	trans-1,3-Dichlorop	0.191	0.190	0.237	0.224	0.224	0.213	10.02
39) S	2-Hexanone-d5	0.101	0.097	0.130	0.131	0.116	0.115	13.95
40) T	1,2-Dichloropropane	0.424	0.450	0.424	0.425	0.417	0.428	2.94
41) T	Bromodichloromethan	0.461	0.492	0.498	0.511	0.506	0.494	4.00
42) T	cis-1,3-Dichloropro	0.560	0.614	0.645	0.672	0.667	0.632	7.28
43) T	4-Methyl-2-pentan	0.379	0.397	0.392	0.434	0.382	0.397	5.54
44) T	Toluene	1.598	1.694	1.607	1.614	1.573	1.617	2.80
45) T	trans-1,3-Dichlorop	0.461	0.499	0.534	0.565	0.554	0.523	8.19
46) T	1,1,2-Trichloroetha	0.299	0.303	0.291	0.304	0.285	0.296	2.72
47) T	Tetrachloroethene	0.302	0.327	0.292	0.285	0.283	0.298	6.05
48) S	1,1,2,2-Tetrachloro	0.394	0.390	0.459	0.435	0.396	0.415	7.29
49) T	2-Hexanone	0.269	0.286	0.292	0.318	0.279	0.289	6.47
50) T	Dibromochloromethan	0.284	0.303	0.319	0.340	0.333	0.316	7.25
51) T	1,2-Dibromoethane	0.286	0.287	0.282	0.297	0.280	0.286	2.26
52) T	Chlorobenzene	0.984	1.043	0.972	0.974	0.968	0.988	3.14

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	Compound	2.5	5	25	50	100	Avg	%RSD
53) T	Ethylbenzene	1.810	1.922	1.814	1.827	1.799	1.834	2.74
54) T	m,p-Xylene	0.650	0.687	0.670	0.667	0.656	0.666	2.13
55) T	o-xylene	0.597	0.648	0.638	0.644	0.641	0.634	3.26
56) T	Styrene	0.995	1.105	1.102	1.125	1.107	1.087	4.81
57) T	Isopropylbenzene	1.646	1.792	1.740	1.748	1.722	1.730	3.08
58) T	1,1,2,2-Tetrachloro	0.384	0.392	0.395	0.420	0.381	0.394	3.86
59)	1,2,3-Trichloroprop	0.308	0.304	0.300	0.316	0.287	0.303	3.56
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) S	1,2-Dichlorobenzene	0.926	0.962	1.039	0.950	0.922	0.960	4.92
62) T	Bromoform	0.349	0.345	0.366	0.404	0.399	0.373	7.41
63) T	1,3-Dichlorobenzene	1.540	1.591	1.502	1.524	1.533	1.538	2.14
64) T	1,4-Dichlorobenzene	1.588	1.641	1.553	1.559	1.532	1.575	2.68
65) T	1,2-Dichlorobenzene	1.394	1.507	1.416	1.438	1.405	1.432	3.14
66) T	1,2-Dibromo-3-chlor	0.141	0.130	0.137	0.156	0.139	0.141	6.76
67)	1,3,5-Trichlorobenz	1.132	1.227	1.156	1.175	1.137	1.165	3.28
68) T	1,2,4-trichlorobenz	0.894	1.001	0.989	1.025	0.972	0.976	5.10
69)	Naphthalene	1.686	1.892	2.135	2.353	2.158	2.045	12.66
70) T	1,2,3-Trichlorobenz	0.811	0.913	0.918	0.935	0.889	0.893	5.46

(#) = Out of Range