

Method Path : W:\HPCHEM1\MSV0A_W\METHOD\
 Method File : SOM2WLM040518S.M
 Title : VOC Analysis
 Last Update : Fri Apr 06 01:58:41 2018
 Response Via : Initial Calibration

Calibration Files

2.5 =VW001882.D 5 =VW001877.D 25 =VW001878.D
 50 =VW001879.D 100 =VW001880.D

	Compound	2.5	5	25	50	100	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.604	0.587	0.516	0.568	0.587	0.572	5.96
3) T	Chloromethane	0.564	0.533	0.456	0.505	0.524	0.516	7.70
4) S	Vinyl Chloride-d3	0.437	0.484	0.306	0.310	0.336	0.375	21.62
5) T	Vinyl chloride	0.512	0.489	0.426	0.481	0.499	0.481	6.84
6) T	Bromomethane	0.272	0.204	0.182	0.216	0.228	0.220	15.22
7) S	Chloroethane-d5	0.331	0.349	0.239	0.235	0.249	0.281	19.53
8) T	Chloroethane	0.307	0.260	0.224	0.255	0.259	0.261	11.45
9) T	Trichlorofluorometh	0.723	0.705	0.596	0.665	0.664	0.670	7.28
10) S	1,1-Dichloroethene-	0.852	0.920	0.695	0.729	0.778	0.795	11.49
11) T	1,1,2-Trichloro-1,2	0.412	0.418	0.386	0.407	0.405	0.406	3.01
12) T	1,1-Dichloroethene	0.364	0.363	0.323	0.373	0.381	0.361	6.24
13) T	Acetone	0.123	0.154	0.087	0.106	0.119	0.118	20.94
14) T	Carbon disulfide	1.234	1.287	1.213	1.304	1.330	1.274	3.84
15) T	Methyl Acetate	0.324	0.288	0.211	0.277	0.303	0.281	15.20
16) T	Methylene chloride	0.729	0.643	0.403	0.411	0.405	0.518	30.15
17) T	Methyl tert-butyl E	0.676	0.736	0.760	0.921	0.970	0.813	15.57
18) T	trans-1,2-Dichloroe	0.397	0.374	0.352	0.399	0.414	0.387	6.26
19) T	1,1-Dichloroethane	0.798	0.761	0.679	0.740	0.749	0.745	5.77
20) S	2-Butanone-d5	0.092	0.138	0.078	0.094	0.105	0.102	22.44
21)	2-Butanone	0.120	0.182	0.129	0.184	0.201	0.163	22.16
22) T	cis-1,2-Dichloroeth	0.390	0.375	0.364	0.427	0.435	0.398	7.83
23) T	Bromochloromethane	0.167	0.183	0.168	0.185	0.186	0.178	5.28
24) S	Chloroform-d	0.694	0.719	0.615	0.635	0.692	0.671	6.53
25) T	Chloroform	0.861	0.881	0.744	0.786	0.765	0.808	7.48
26) S	1,2-Dichloroethane-	0.415	0.518	0.394	0.401	0.416	0.429	11.83
27) T	1,2-Dichloroethane	0.536	0.556	0.488	0.545	0.543	0.534	5.00

28) I	Chlorobenzene-d5	-----ISTD-----						
29) S	Benzene-d6	1.397	1.594	1.325	1.350	1.413	1.416	7.48
30) T	Cyclohexane	0.532	0.549	0.631	0.782	0.798	0.658	19.14
31) T	1,1,1-Trichloroetha	0.712	0.677	0.594	0.677	0.692	0.670	6.73
32) T	Carbon tetrachlorid	0.661	0.625	0.547	0.622	0.626	0.616	6.79
33) S	1,2-Dichloropropane	0.482	0.520	0.426	0.426	0.448	0.460	8.80
34) T	Benzene	1.599	1.581	1.511	1.709	1.691	1.618	5.05
35) T	Trichloroethene	0.461	0.423	0.386	0.443	0.445	0.432	6.65
36) T	Methylcyclohexane	0.582	0.576	0.667	0.791	0.801	0.683	15.94
37) S	Toluene-d8	1.139	1.352	1.262	1.305	1.387	1.289	7.47
38) S	trans-1,3-Dichlorop	0.177	0.212	0.185	0.194	0.210	0.195	7.80
39) S	2-Hexanone-d5	0.059	0.096	0.087	0.116	0.135	0.099	29.52
40) T	1,2-Dichloropropane	0.445	0.441	0.406	0.447	0.443	0.436	3.96
41) T	Bromodichloromethan	0.571	0.546	0.486	0.556	0.555	0.543	6.10
42) T	cis-1,3-Dichloropro	0.549	0.549	0.570	0.688	0.699	0.611	12.43
43) T	4-Methyl-2-pentan	0.226	0.309	0.286	0.411	0.440	0.334	26.59
44) T	Toluene	1.514	1.561	1.611	1.876	1.875	1.687	10.38
45) T	trans-1,3-Dichlorop	0.468	0.497	0.518	0.607	0.618	0.541	12.43
46) T	1,1,2-Trichloroetha	0.321	0.346	0.292	0.337	0.337	0.327	6.48
47) T	Tetrachloroethene	0.337	0.345	0.308	0.357	0.359	0.341	6.04
48) S	1,1,2,2-Tetrachloro	0.375	0.509	0.386	0.425	0.448	0.429	12.52
49) T	2-Hexanone	0.152	0.227	0.210	0.300	0.323	0.242	28.56
50) T	Dibromochloromethan	0.355	0.379	0.338	0.400	0.402	0.375	7.45
51) T	1,2-Dibromoethane	0.264	0.321	0.265	0.323	0.333	0.301	11.21
52) T	Chlorobenzene	1.115	1.071	1.005	1.139	1.140	1.094	5.22

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	Compound	2.5	5	25	50	100	Avg	%RSD
53) T	Ethylbenzene	1.627	1.633	1.776	2.110	2.138	1.857	13.52
54) T	m,p-Xylene	0.591	0.598	0.676	0.786	0.791	0.688	14.18
55) T	o-xylene	0.511	0.541	0.618	0.731	0.747	0.629	17.07
56) T	Styrene	0.853	0.910	1.078	1.276	1.281	1.079	18.48
57) T	Isopropylbenzene	1.339	1.441	1.691	2.017	2.055	1.709	19.05
58) T	1,1,2,2-Tetrachloro	0.381	0.471	0.385	0.468	0.474	0.436	11.01
59) T	1,2,3-Trichloroprop	0.300	0.368	0.301	0.369	0.378	0.343	11.48
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) S	1,2-Dichlorobenzene	0.905	1.078	0.879	0.878	0.942	0.936	8.87
62) T	Bromoform	0.453	0.491	0.410	0.487	0.507	0.470	8.23
63) T	1,3-Dichlorobenzene	1.632	1.543	1.468	1.666	1.736	1.609	6.53
64) T	1,4-Dichlorobenzene	1.822	1.753	1.613	1.760	1.779	1.745	4.52
65) T	1,2-Dichlorobenzene	1.607	1.604	1.497	1.630	1.632	1.594	3.50
66) T	1,2-Dibromo-3-chlor	0.161	0.188	0.136	0.171	0.186	0.168	12.49
67) T	1,3,5-Trichlorobenz	1.228	1.230	1.152	1.313	1.346	1.254	6.12
68) T	1,2,4-trichlorobenz	0.930	0.930	0.929	1.083	1.103	0.995	9.03
69) T	Naphthalene	1.393	1.705	1.854	2.490	2.635	2.015	26.25
70) T	1,2,3-Trichlorobenz	0.850	0.910	0.923	1.037	1.028	0.950	8.47

(#) = Out of Range