

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\
 Method File : SOM2WLM072219S.M
 Title : VOC Analysis
 Last Update : Mon Jul 22 14:39:06 2019
 Response Via : Initial Calibration

Calibration Files

2.5 =VW011415.D 5 =VW011416.D 25 =VW011417.D
 50 =VW011418.D 100 =VW011419.D

	Compound	2.5	5	25	50	100	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.259	0.226	0.342	0.354	0.345	0.305	19.22
3) T	Chloromethane	0.368	0.363	0.359	0.362	0.397	0.370	4.23
4) S	Vinyl Chloride-d3	0.349	0.350	0.310	0.333	0.327	0.334	5.07
5) T	Vinyl chloride	0.417	0.438	0.454	0.444	0.426	0.436	3.37
6) T	Bromomethane	0.211	0.209	0.214	0.211	0.208	0.210	1.07
7) S	Chloroethane-d5	0.247	0.249	0.227	0.246	0.247	0.243	3.79
8) T	Chloroethane	0.219	0.236	0.236	0.238	0.231	0.232	3.42
9) T	Trichlorofluorometh	0.185	0.187	0.216	0.220	0.228	0.207	9.74
10) S	1,1-Dichloroethene-	0.750	0.770	0.724	0.768	0.768	0.756	2.58
11) T	1,1,2-Trichloro-1,2	0.308	0.328	0.345	0.345	0.338	0.333	4.64
12) T	1,1-Dichloroethene	0.310	0.328	0.341	0.341	0.340	0.332	4.10
13) T	Acetone	0.168	0.127	0.159	0.155	0.143	0.150	10.38
14) T	Carbon disulfide	0.997	1.072	1.102	1.111	1.101	1.077	4.37
15) T	Methyl Acetate	0.210	0.211	0.242	0.248	0.243	0.231	8.05
16) T	Methylene chloride	0.382	0.390	0.356	0.345	0.347	0.364	5.77
17) T	Methyl tert-butyl E	0.512	0.516	0.534	0.530	0.533	0.525	1.88
18) T	trans-1,2-Dichloroe	0.324	0.347	0.349	0.343	0.349	0.342	3.12
19) T	1,1-Dichloroethane	0.649	0.679	0.694	0.681	0.698	0.680	2.84
20) S	2-Butanone-d5	0.151	0.133	0.137	0.145	0.145	0.142	4.88
21)	2-Butanone	0.198	0.171	0.204	0.201	0.193	0.193	6.72
22) T	cis-1,2-Dichloroeth	0.345	0.366	0.366	0.361	0.375	0.363	3.02
23) T	Bromochloromethane	0.148	0.151	0.154	0.149	0.156	0.152	2.29
24) S	Chloroform-d	0.644	0.676	0.608	0.621	0.653	0.640	4.19
25) T	Chloroform	0.618	0.642	0.631	0.613	0.628	0.627	1.80
26) S	1,2-Dichloroethane-	0.400	0.397	0.359	0.366	0.382	0.381	4.82
27) T	1,2-Dichloroethane	0.442	0.456	0.468	0.455	0.462	0.457	2.09
28) I	Chlorobenzene-d5	-----ISTD-----						
29) S	Benzene-d6	1.534	1.590	1.419	1.447	1.485	1.495	4.57
30) T	Cyclohexane	0.755	0.822	0.842	0.834	0.819	0.814	4.24
31) T	1,1,1-Trichloroetha	0.538	0.569	0.570	0.558	0.548	0.557	2.45
32) T	Carbon tetrachlorid	0.480	0.523	0.532	0.525	0.525	0.517	4.01
33) S	1,2-Dichloropropane	0.495	0.512	0.459	0.468	0.488	0.484	4.38
34) T	Benzene	1.579	1.665	1.672	1.606	1.593	1.623	2.64
35) T	Trichloroethene	0.400	0.431	0.415	0.408	0.409	0.412	2.80
36) T	Methylcyclohexane	0.711	0.756	0.776	0.762	0.746	0.750	3.27
37) S	Toluene-d8	1.347	1.410	1.283	1.309	1.350	1.340	3.60
38) S	trans-1,3-Dichlorop	0.205	0.203	0.202	0.210	0.226	0.209	4.75
39) S	2-Hexanone-d5	0.098	0.095	0.106	0.113	0.113	0.105	8.05
40) T	1,2-Dichloropropane	0.419	0.450	0.446	0.431	0.435	0.436	2.83
41) T	Bromodichloromethan	0.478	0.515	0.522	0.508	0.526	0.510	3.73
42) T	cis-1,3-Dichloropro	0.587	0.638	0.683	0.670	0.698	0.655	6.73
43) T	4-Methyl-2-pentan	0.355	0.337	0.392	0.397	0.385	0.373	6.99
44) T	Toluene	1.558	1.720	1.713	1.663	1.669	1.665	3.88
45) T	trans-1,3-Dichlorop	0.483	0.527	0.557	0.551	0.574	0.538	6.54
46) T	1,1,2-Trichloroetha	0.283	0.293	0.297	0.291	0.295	0.292	1.91
47) T	Tetrachloroethene	0.300	0.333	0.319	0.316	0.315	0.316	3.67
48) S	1,1,2,2-Tetrachloro	0.405	0.387	0.372	0.385	0.386	0.387	3.03
49) T	2-Hexanone	0.253	0.248	0.307	0.305	0.295	0.282	10.15
50) T	Dibromochloromethan	0.298	0.306	0.332	0.333	0.346	0.323	6.20
51) T	1,2-Dibromoethane	0.267	0.278	0.291	0.286	0.289	0.282	3.58
52) T	Chlorobenzene	0.969	1.042	1.013	0.992	1.003	1.004	2.67

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	Compound	2.5	5	25	50	100	Avg	%RSD
53) T	Ethylbenzene	1.772	1.927	1.912	1.880	1.875	1.873	3.23
54) T	m,p-Xylene	0.650	0.699	0.703	0.688	0.691	0.686	3.06
55) T	o-xylene	0.610	0.656	0.664	0.647	0.656	0.647	3.32
56) T	Styrene	0.969	1.097	1.131	1.113	1.129	1.088	6.25
57) T	Isopropylbenzene	1.627	1.797	1.820	1.784	1.779	1.761	4.35
58) T	1,1,2,2-Tetrachloro	0.366	0.372	0.390	0.387	0.380	0.379	2.64
59)	1,2,3-Trichloroprop	0.283	0.281	0.301	0.296	0.286	0.290	3.02
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) S	1,2-Dichlorobenzene	0.983	0.986	0.897	0.895	0.932	0.939	4.73
62) T	Bromoform	0.360	0.362	0.413	0.411	0.432	0.396	8.19
63) T	1,3-Dichlorobenzene	1.525	1.584	1.628	1.569	1.610	1.583	2.51
64) T	1,4-Dichlorobenzene	1.588	1.636	1.630	1.576	1.609	1.608	1.60
65) T	1,2-Dichlorobenzene	1.444	1.476	1.477	1.433	1.453	1.457	1.34
66) T	1,2-Dibromo-3-chlor	0.138	0.120	0.146	0.147	0.143	0.139	7.85
67)	1,3,5-Trichlorobenz	1.166	1.198	1.246	1.215	1.214	1.208	2.43
68) T	1,2,4-trichlorobenz	0.943	0.984	1.032	1.022	1.024	1.001	3.74
69)	Naphthalene	1.816	1.745	2.197	2.238	2.191	2.037	11.61
70) T	1,2,3-Trichlorobenz	0.884	0.885	0.938	0.917	0.910	0.907	2.52

(#) = Out of Range