

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\
 Method File : SOM2WLM091219S.M
 Title : VOC Analysis
 Last Update : Thu Sep 12 13:49:51 2019
 Response Via : Initial Calibration

Calibration Files

2.5 =VW012927.D 5 =VW012928.D 25 =VW012929.D
 50 =VW012930.D 100 =VW012931.D

	Compound	2.5	5	25	50	100	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.141	0.124	0.232	0.228	0.240	0.193	28.89
3) T	Chloromethane	0.246	0.241	0.275	0.271	0.283	0.263	7.16
4) S	Vinyl Chloride-d3	0.269	0.267	0.258	0.224	0.239	0.251	7.68
5) T	Vinyl chloride	0.309	0.319	0.363	0.358	0.351	0.340	7.15
6) T	Bromomethane	0.191	0.195	0.215	0.209	0.206	0.203	4.94
7) S	Chloroethane-d5	0.224	0.207	0.213	0.189	0.200	0.207	6.41
8) T	Chloroethane	0.200	0.188	0.217	0.209	0.211	0.205	5.40
9) T	Trichlorofluorometh	0.165	0.171	0.211	0.227	0.245	0.204	17.10
10) S	1,1-Dichloroethene-	0.632	0.610	0.613	0.563	0.589	0.601	4.38
11) T	1,1,2-Trichloro-1,2	0.294	0.280	0.315	0.306	0.298	0.299	4.34
12) T	1,1-Dichloroethene	0.290	0.286	0.307	0.302	0.305	0.298	3.11
13) T	Acetone	0.080	0.080	0.081	0.083	0.081	0.081	1.54
14) T	Carbon disulfide	0.800	0.817	0.947	0.945	0.946	0.891	8.48
15) T	Methyl Acetate	0.150	0.160	0.147	0.149	0.150	0.151	3.22
16) T	Methylene chloride	0.408	0.363	0.320	0.311	0.305	0.341	12.74
17) T	Methyl tert-butyl E	0.511	0.543	0.520	0.517	0.502	0.519	3.01
18) T	trans-1,2-Dichloroe	0.313	0.304	0.330	0.327	0.325	0.320	3.38
19) T	1,1-Dichloroethane	0.594	0.598	0.621	0.611	0.606	0.606	1.75
20) S	2-Butanone-d5	0.096	0.106	0.090	0.087	0.092	0.094	7.62
21)	2-Butanone	0.103	0.109	0.105	0.109	0.108	0.107	2.60
22) T	cis-1,2-Dichloroeth	0.313	0.347	0.343	0.348	0.344	0.339	4.34
23) T	Bromochloromethane	0.141	0.156	0.146	0.147	0.144	0.147	3.95
24) S	Chloroform-d	0.709	0.681	0.619	0.566	0.587	0.632	9.65
25) T	Chloroform	0.625	0.620	0.614	0.601	0.590	0.610	2.35
26) S	1,2-Dichloroethane-	0.386	0.372	0.327	0.297	0.307	0.338	11.69
27) T	1,2-Dichloroethane	0.415	0.420	0.414	0.411	0.402	0.412	1.62

28) I	Chlorobenzene-d5	-----ISTD-----						
29) S	Benzene-d6	1.391	1.351	1.258	1.160	1.217	1.276	7.44
30) T	Cyclohexane	0.606	0.634	0.694	0.699	0.700	0.666	6.55
31) T	1,1,1-Trichloroetha	0.566	0.566	0.579	0.572	0.567	0.570	0.94
32) T	Carbon tetrachlorid	0.508	0.515	0.541	0.545	0.551	0.532	3.59
33) S	1,2-Dichloropropane	0.460	0.452	0.407	0.382	0.404	0.421	7.95
34) T	Benzene	1.490	1.497	1.521	1.512	1.496	1.503	0.85
35) T	Trichloroethene	0.385	0.396	0.398	0.404	0.401	0.397	1.89
36) T	Methylcyclohexane	0.651	0.648	0.705	0.719	0.707	0.686	4.92
37) S	Toluene-d8	1.306	1.291	1.190	1.112	1.172	1.215	6.78
38) S	trans-1,3-Dichlorop	0.192	0.198	0.181	0.174	0.183	0.186	5.08
39) S	2-Hexanone-d5	0.081	0.086	0.076	0.075	0.080	0.079	5.91
40) T	1,2-Dichloropropane	0.383	0.375	0.382	0.376	0.375	0.378	1.02
41) T	Bromodichloromethan	0.462	0.478	0.485	0.490	0.494	0.482	2.60
42) T	cis-1,3-Dichloropro	0.536	0.580	0.602	0.621	0.631	0.594	6.36
43) T	4-Methyl-2-pentan	0.226	0.242	0.234	0.247	0.254	0.241	4.55
44) T	Toluene	1.557	1.585	1.637	1.647	1.617	1.609	2.31
45) T	trans-1,3-Dichlorop	0.440	0.470	0.488	0.503	0.508	0.482	5.76
46) T	1,1,2-Trichloroetha	0.249	0.263	0.250	0.256	0.253	0.254	2.25
47) T	Tetrachloroethene	0.356	0.340	0.336	0.339	0.337	0.342	2.35
48) S	1,1,2,2-Tetrachloro	0.351	0.354	0.298	0.286	0.300	0.318	10.17
49) T	2-Hexanone	0.162	0.184	0.176	0.186	0.181	0.178	5.28
50) T	Dibromochloromethan	0.282	0.303	0.311	0.325	0.328	0.310	5.96
51) T	1,2-Dibromoethane	0.240	0.246	0.243	0.247	0.248	0.245	1.43
52) T	Chlorobenzene	0.998	1.030	0.995	1.007	0.995	1.005	1.48

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	Compound	2.5	5	25	50	100	Avg	%RSD
53) T	Ethylbenzene	1.767	1.812	1.839	1.869	1.842	1.826	2.11
54) T	m,p-Xylene	0.665	0.685	0.688	0.692	0.684	0.683	1.55
55) T	o-xylene	0.628	0.633	0.653	0.654	0.643	0.642	1.79
56) T	Styrene	1.052	1.073	1.114	1.122	1.103	1.093	2.71
57) T	Isopropylbenzene	1.673	1.749	1.805	1.814	1.776	1.763	3.21
58) T	1,1,2,2-Tetrachloro	0.288	0.302	0.278	0.291	0.288	0.289	2.88
59) T	1,2,3-Trichloroprop	0.234	0.225	0.217	0.218	0.220	0.223	3.19
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) S	1,2-Dichlorobenzene	1.056	1.058	0.924	0.844	0.881	0.952	10.44
62) T	Bromoform	0.326	0.366	0.349	0.371	0.375	0.357	5.62
63) T	1,3-Dichlorobenzene	1.570	1.595	1.575	1.602	1.576	1.584	0.90
64) T	1,4-Dichlorobenzene	1.579	1.641	1.559	1.585	1.535	1.580	2.50
65) T	1,2-Dichlorobenzene	1.430	1.483	1.402	1.409	1.375	1.420	2.84
66) T	1,2-Dibromo-3-chlor	0.108	0.094	0.093	0.097	0.101	0.098	6.16
67) T	1,3,5-Trichlorobenz	1.182	1.231	1.233	1.236	1.208	1.218	1.90
68) T	1,2,4-trichlorobenz	0.878	0.924	1.004	1.005	1.018	0.966	6.38
69) T	Naphthalene	1.255	1.450	1.644	1.696	1.774	1.564	13.42
70) T	1,2,3-Trichlorobenz	0.805	0.830	0.872	0.871	0.882	0.852	3.87

(#) = Out of Range