

Method Path : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\
 Method File : SOM2WLM101019S.M
 Title : VOC Analysis
 Last Update : Fri Oct 11 07:46:37 2019
 Response Via : Initial Calibration

Calibration Files

2.5 =VW013522.D 5 =VW013521.D 25 =VW013518.D
 50 =VW013519.D 100 =VW013520.D

Compound		2.5	5	25	50	100	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.114	0.151	0.131	0.140	0.146	0.136	10.52
3) T	Chloromethane	0.268	0.278	0.226	0.217	0.207	0.239	13.24
4) S	Vinyl Chloride-d3	0.288	0.304	0.281	0.284	0.273	0.286	4.06
5) T	Vinyl chloride	0.328	0.344	0.346	0.340	0.335	0.339	2.21
6) T	Bromomethane	0.202	0.214	0.211	0.207	0.203	0.207	2.46
7) S	Chloroethane-d5	0.231	0.238	0.204	0.214	0.210	0.220	6.53
8) T	Chloroethane	0.186	0.186	0.192	0.193	0.193	0.190	1.94
9) T	Trichlorofluorometh	0.159	0.166	0.187	0.184	0.187	0.177	7.52
10) S	1,1-Dichloroethene-	0.584	0.604	0.590	0.598	0.593	0.594	1.31
11) T	1,1,2-Trichloro-1,2	0.302	0.306	0.326	0.320	0.313	0.313	3.19
12) T	1,1-Dichloroethene	0.289	0.308	0.324	0.322	0.325	0.314	4.94
13) T	Acetone	0.129	0.119	0.084	0.084	0.079	0.099	23.25
14) T	Carbon disulfide	0.915	0.907	0.995	0.990	0.981	0.958	4.48
15) T	Methyl Acetate	0.128	0.149	0.162	0.170	0.163	0.155	10.68
16) T	Methylene chloride	0.497	0.413	0.337	0.325	0.320	0.379	20.14
17) T	Methyl tert-butyl E	0.466	0.495	0.531	0.519	0.510	0.504	5.00
18) T	trans-1,2-Dichloroe	0.321	0.325	0.344	0.339	0.345	0.335	3.32
19) T	1,1-Dichloroethane	0.529	0.551	0.579	0.570	0.581	0.562	3.88
20) S	2-Butanone-d5	0.073	0.088	0.086	0.094	0.090	0.086	9.06
21)	2-Butanone	0.122	0.131	0.117	0.122	0.114	0.121	5.33
22) T	cis-1,2-Dichloroeth	0.345	0.345	0.369	0.363	0.369	0.358	3.41
23) T	Bromochloromethane	0.151	0.156	0.164	0.164	0.166	0.160	3.88
24) S	Chloroform-d	0.562	0.564	0.517	0.534	0.538	0.543	3.60
25) T	Chloroform	0.540	0.544	0.568	0.557	0.564	0.555	2.19
26) S	1,2-Dichloroethane-	0.288	0.299	0.265	0.278	0.277	0.281	4.50
27) T	1,2-Dichloroethane	0.327	0.341	0.363	0.361	0.362	0.351	4.64

28) I	Chlorobenzene-d5	-----ISTD-----						
29) S	Benzene-d6	1.358	1.393	1.298	1.324	1.322	1.339	2.75
30) T	Cyclohexane	0.629	0.642	0.687	0.668	0.661	0.657	3.44
31) T	1,1,1-Trichloroetha	0.495	0.482	0.522	0.511	0.508	0.504	3.07
32) T	Carbon tetrachlorid	0.461	0.464	0.503	0.492	0.495	0.483	3.91
33) S	1,2-Dichloropropane	0.412	0.415	0.379	0.388	0.392	0.397	3.96
34) T	Benzene	1.485	1.480	1.567	1.514	1.505	1.510	2.28
35) T	Trichloroethene	0.394	0.382	0.405	0.393	0.397	0.394	2.13
36) T	Methylcyclohexane	0.707	0.693	0.742	0.730	0.711	0.716	2.69
37) S	Toluene-d8	1.323	1.311	1.221	1.251	1.249	1.271	3.45
38) S	trans-1,3-Dichlorop	0.169	0.181	0.171	0.180	0.183	0.177	3.48
39) S	2-Hexanone-d5	0.065	0.084	0.079	0.086	0.083	0.079	10.67
40) T	1,2-Dichloropropane	0.351	0.353	0.377	0.368	0.370	0.364	3.16
41) T	Bromodichloromethan	0.410	0.423	0.464	0.461	0.476	0.447	6.35
42) T	cis-1,3-Dichloropro	0.506	0.556	0.613	0.615	0.628	0.584	8.81
43) T	4-Methyl-2-pentan	0.232	0.253	0.262	0.265	0.258	0.254	5.22
44) T	Toluene	1.598	1.580	1.703	1.651	1.652	1.637	2.98
45) T	trans-1,3-Dichlorop	0.398	0.428	0.486	0.490	0.503	0.461	9.88
46) T	1,1,2-Trichloroetha	0.251	0.268	0.288	0.285	0.289	0.276	6.00
47) T	Tetrachloroethene	0.355	0.349	0.368	0.362	0.360	0.359	2.00
48) S	1,1,2,2-Tetrachloro	0.311	0.336	0.312	0.320	0.313	0.319	3.31
49) T	2-Hexanone	0.149	0.192	0.194	0.198	0.190	0.185	10.80
50) T	Dibromochloromethan	0.285	0.306	0.339	0.341	0.355	0.325	8.85
51) T	1,2-Dibromoethane	0.234	0.266	0.285	0.288	0.284	0.271	8.36
52) T	Chlorobenzene	1.001	1.024	1.073	1.040	1.056	1.039	2.69

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	Compound	2.5	5	25	50	100	Avg	%RSD
53) T	Ethylbenzene	1.745	1.764	1.884	1.842	1.824	1.812	3.15
54) T	m,p-Xylene	0.696	0.691	0.724	0.708	0.716	0.707	1.91
55) T	o-xylene	0.625	0.642	0.683	0.673	0.675	0.660	3.76
56) T	Styrene	1.034	1.075	1.190	1.158	1.161	1.124	5.86
57) T	Isopropylbenzene	1.735	1.745	1.874	1.817	1.778	1.790	3.19
58) T	1,1,2,2-Tetrachloro	0.286	0.317	0.344	0.348	0.337	0.326	7.75
59)	1,2,3-Trichloroprop	0.213	0.240	0.258	0.260	0.247	0.244	7.72
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) S	1,2-Dichlorobenzene	0.943	0.946	0.852	0.864	0.887	0.898	4.88
62) T	Bromoform	0.338	0.382	0.417	0.429	0.445	0.402	10.59
63) T	1,3-Dichlorobenzene	1.686	1.648	1.696	1.648	1.698	1.675	1.51
64) T	1,4-Dichlorobenzene	1.717	1.651	1.669	1.638	1.662	1.668	1.81
65) T	1,2-Dichlorobenzene	1.549	1.489	1.507	1.481	1.505	1.506	1.73
66) T	1,2-Dibromo-3-chlor	0.092	0.103	0.106	0.109	0.110	0.104	7.08
67)	1,3,5-Trichlorobenz	1.296	1.259	1.266	1.243	1.258	1.264	1.56
68) T	1,2,4-trichlorobenz	0.965	1.052	1.058	1.066	1.099	1.048	4.74
69)	Naphthalene	1.495	1.774	2.026	2.118	2.131	1.909	14.26
70) T	1,2,3-Trichlorobenz	0.900	0.901	0.956	0.946	0.963	0.933	3.30

(#) = Out of Range