

Method Path : Z:\VOASRV\HPCHEM1\MSV0A_W\METHOD\
 Method File : SOM2WLM050719S.M
 Title : VOC Analysis
 Last Update : Wed May 08 02:00:19 2019
 Response Via : Initial Calibration

Calibration Files

2.5 =VW010291.D 5 =VW010292.D 25 =VW010293.D
 50 =VW010294.D 100 =VW010295.D

	Compound	2.5	5	25	50	100	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.375	0.317	0.325	0.322	0.332	0.334	6.93
3) T	Chloromethane	0.348	0.325	0.308	0.316	0.314	0.322	4.89
4) S	Vinyl Chloride-d3	0.304	0.316	0.277	0.288	0.271	0.291	6.31
5) T	Vinyl chloride	0.388	0.396	0.380	0.371	0.350	0.377	4.68
6) T	Bromomethane	0.263	0.235	0.223	0.215	0.203	0.228	10.09
7) S	Chloroethane-d5	0.261	0.267	0.229	0.238	0.223	0.244	8.02
8) T	Chloroethane	0.247	0.239	0.227	0.216	0.205	0.227	7.39
9) T	Trichlorofluorometh	0.270	0.240	0.234	0.236	0.237	0.243	6.10
10) S	1,1-Dichloroethene-	0.795	0.785	0.679	0.696	0.671	0.725	8.27
11) T	1,1,2-Trichloro-1,2	0.375	0.321	0.340	0.325	0.313	0.335	7.23
12) T	1,1-Dichloroethene	0.364	0.342	0.335	0.330	0.326	0.339	4.39
13) T	Acetone	0.130	0.112	0.111	0.113	0.111	0.115	6.87
14) T	Carbon disulfide	1.107	1.039	1.041	1.016	0.990	1.039	4.20
15) T	Methyl Acetate	0.245	0.247	0.240	0.249	0.250	0.246	1.50
16) T	Methylene chloride	0.373	0.358	0.335	0.320	0.306	0.338	8.07
17) T	Methyl tert-butyl E	0.414	0.438	0.446	0.458	0.468	0.445	4.63
18) T	trans-1,2-Dichloroe	0.370	0.342	0.349	0.345	0.345	0.350	3.28
19) T	1,1-Dichloroethane	0.711	0.686	0.657	0.645	0.656	0.671	4.05
20) S	2-Butanone-d5	0.115	0.120	0.126	0.153	0.160	0.135	15.23
21)	2-Butanone	0.134	0.145	0.170	0.184	0.193	0.165	15.15
22) T	cis-1,2-Dichloroeth	0.359	0.344	0.360	0.368	0.377	0.362	3.44
23) T	Bromochloromethane	0.172	0.165	0.160	0.155	0.159	0.162	3.92
24) S	Chloroform-d	0.704	0.730	0.618	0.636	0.641	0.666	7.24
25) T	Chloroform	0.696	0.685	0.652	0.638	0.642	0.663	3.99
26) S	1,2-Dichloroethane-	0.423	0.431	0.369	0.378	0.371	0.394	7.64
27) T	1,2-Dichloroethane	0.505	0.492	0.487	0.475	0.473	0.486	2.69

28) I	Chlorobenzene-d5	-----ISTD-----						
29) S	Benzene-d6	1.408	1.443	1.264	1.344	1.331	1.358	5.14
30) T	Cyclohexane	0.564	0.578	0.674	0.705	0.711	0.646	10.88
31) T	1,1,1-Trichloroetha	0.610	0.595	0.553	0.550	0.539	0.569	5.52
32) T	Carbon tetrachlorid	0.583	0.572	0.557	0.562	0.556	0.566	2.02
33) S	1,2-Dichloropropane	0.431	0.446	0.385	0.404	0.409	0.415	5.72
34) T	Benzene	1.533	1.527	1.551	1.532	1.529	1.534	0.63
35) T	Trichloroethene	0.422	0.406	0.398	0.399	0.402	0.405	2.38
36) T	Methylcyclohexane	0.621	0.634	0.716	0.722	0.731	0.685	7.72
37) S	Toluene-d8	1.209	1.261	1.147	1.222	1.214	1.211	3.38
38) S	trans-1,3-Dichlorop	0.182	0.197	0.178	0.194	0.198	0.190	4.96
39) S	2-Hexanone-d5	0.069	0.086	0.107	0.130	0.138	0.106	27.43
40) T	1,2-Dichloropropane	0.403	0.403	0.385	0.383	0.384	0.392	2.63
41) T	Bromodichloromethan	0.506	0.508	0.504	0.505	0.511	0.507	0.55
42) T	cis-1,3-Dichloropro	0.539	0.535	0.597	0.618	0.640	0.586	8.01
43) T	4-Methyl-2-pentan	0.292	0.296	0.362	0.390	0.404	0.349	14.99
44) T	Toluene	1.530	1.572	1.657	1.648	1.629	1.607	3.39
45) T	trans-1,3-Dichlorop	0.454	0.470	0.525	0.528	0.550	0.505	8.16
46) T	1,1,2-Trichloroetha	0.300	0.295	0.287	0.288	0.292	0.292	1.80
47) T	Tetrachloroethene	0.310	0.303	0.306	0.306	0.308	0.307	0.83
48) S	1,1,2,2-Tetrachloro	0.382	0.405	0.372	0.410	0.404	0.395	4.20
49) T	2-Hexanone	0.210	0.229	0.276	0.303	0.305	0.265	16.44
50) T	Dibromochloromethan	0.322	0.328	0.337	0.344	0.351	0.336	3.49
51) T	1,2-Dibromoethane	0.285	0.280	0.284	0.293	0.299	0.288	2.62
52) T	Chlorobenzene	1.023	1.012	0.996	0.996	0.993	1.004	1.30

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	Compound	2.5	5	25	50	100	Avg	%RSD
53) T	Ethylbenzene	1.649	1.718	1.855	1.881	1.866	1.794	5.82
54) T	m,p-Xylene	0.575	0.614	0.685	0.695	0.693	0.653	8.42
55) T	o-xylene	0.526	0.566	0.631	0.655	0.659	0.607	9.67
56) T	Styrene	0.884	0.965	1.123	1.132	1.138	1.048	11.14
57) T	Isopropylbenzene	1.402	1.520	1.790	1.822	1.814	1.669	11.71
58) T	1,1,2,2-Tetrachloro	0.391	0.399	0.400	0.408	0.411	0.402	2.00
59)	1,2,3-Trichloroprop	0.302	0.296	0.306	0.319	0.319	0.309	3.38
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) S	1,2-Dichlorobenzene	0.888	0.923	0.784	0.831	0.840	0.853	6.30
62) T	Bromoform	0.424	0.426	0.416	0.428	0.456	0.430	3.50
63) T	1,3-Dichlorobenzene	1.468	1.443	1.497	1.494	1.541	1.489	2.46
64) T	1,4-Dichlorobenzene	1.707	1.675	1.584	1.540	1.554	1.612	4.64
65) T	1,2-Dichlorobenzene	1.456	1.438	1.431	1.413	1.422	1.432	1.15
66) T	1,2-Dibromo-3-chlor	0.176	0.163	0.163	0.172	0.179	0.171	4.46
67)	1,3,5-Trichlorobenz	1.071	1.132	1.126	1.124	1.123	1.115	2.25
68) T	1,2,4-trichlorobenz	0.781	0.847	0.910	0.925	0.949	0.882	7.70
69)	Naphthalene	1.509	1.576	2.140	2.305	2.420	1.990	21.17
70) T	1,2,3-Trichlorobenz	0.781	0.814	0.885	0.877	0.881	0.848	5.59

(#) = Out of Range