

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\
 Method File : SOM2WLM061119S.M
 Title : VOC Analysis
 Last Update : Tue Jun 11 12:42:43 2019
 Response Via : Initial Calibration

Calibration Files

2.5 =VW010761.D 5 =VW010762.D 25 =VW010763.D
 50 =VW010764.D 100 =VW010765.D

	Compound	2.5	5	25	50	100	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.430	0.393	0.400	0.387	0.391	0.400	4.35
3) T	Chloromethane	0.485	0.424	0.438	0.436	0.443	0.445	5.26
4) S	Vinyl Chloride-d3	0.420	0.426	0.328	0.315	0.331	0.364	14.92
5) T	Vinyl chloride	0.441	0.406	0.400	0.395	0.399	0.408	4.55
6) T	Bromomethane	0.205	0.172	0.181	0.184	0.178	0.184	6.82
7) S	Chloroethane-d5	0.309	0.314	0.253	0.247	0.257	0.276	11.82
8) T	Chloroethane	0.256	0.235	0.238	0.232	0.234	0.239	4.03
9) T	Trichlorofluorometh	0.565	0.539	0.532	0.531	0.533	0.540	2.62
10) S	1,1-Dichloroethene-	0.812	0.854	0.694	0.694	0.720	0.755	9.82
11) T	1,1,2-Trichloro-1,2	0.338	0.332	0.301	0.305	0.303	0.316	5.62
12) T	1,1-Dichloroethene	0.311	0.299	0.277	0.282	0.283	0.291	4.90
13) T	Acetone	0.193	0.143	0.148	0.147	0.137	0.153	14.59
14) T	Carbon disulfide	0.941	0.901	0.800	0.811	0.838	0.858	7.07
15) T	Methyl Acetate	0.234	0.270	0.233	0.253	0.242	0.246	6.32
16) T	Methylene chloride	0.399	0.337	0.323	0.328	0.328	0.343	9.25
17) T	Methyl tert-butyl E	0.955	0.978	0.938	0.979	0.964	0.963	1.76
18) T	trans-1,2-Dichloroe	0.338	0.339	0.313	0.314	0.316	0.324	4.14
19) T	1,1-Dichloroethane	0.685	0.679	0.660	0.673	0.681	0.675	1.44
20) S	2-Butanone-d5	0.110	0.188	0.124	0.156	0.136	0.143	21.26
21)	2-Butanone	0.241	0.232	0.189	0.200	0.186	0.210	12.05
22) T	cis-1,2-Dichloroeth	0.373	0.372	0.361	0.369	0.369	0.369	1.33
23) T	Bromochloromethane	0.152	0.155	0.147	0.151	0.151	0.151	2.00
24) S	Chloroform-d	0.490	0.373	0.517	0.560	0.630	0.514	18.51
25) T	Chloroform	0.768	0.959	0.741	0.731	0.687	0.777	13.61
26) S	1,2-Dichloroethane-	0.413	0.461	0.400	0.406	0.412	0.419	5.79
27) T	1,2-Dichloroethane	0.498	0.506	0.485	0.504	0.491	0.497	1.79

28) I	Chlorobenzene-d5	-----ISTD-----						
29) S	Benzene-d6	1.522	1.646	1.425	1.416	1.454	1.493	6.39
30) T	Cyclohexane	0.826	0.790	0.696	0.699	0.693	0.741	8.41
31) T	1,1,1-Trichloroetha	0.609	0.596	0.591	0.596	0.595	0.597	1.15
32) T	Carbon tetrachlorid	0.479	0.513	0.493	0.503	0.502	0.498	2.60
33) S	1,2-Dichloropropane	0.473	0.515	0.463	0.465	0.478	0.479	4.44
34) T	Benzene	1.595	1.613	1.503	1.496	1.482	1.538	4.00
35) T	Trichloroethene	0.413	0.414	0.381	0.382	0.380	0.394	4.46
36) T	Methylcyclohexane	0.761	0.747	0.647	0.664	0.653	0.694	7.94
37) S	Toluene-d8	1.350	1.459	1.287	1.284	1.325	1.341	5.34
38) S	trans-1,3-Dichlorop	0.195	0.220	0.209	0.221	0.226	0.214	5.88
39) S	2-Hexanone-d5	0.090	0.132	0.111	0.121	0.118	0.114	13.57
40) T	1,2-Dichloropropane	0.437	0.428	0.428	0.428	0.423	0.429	1.23
41) T	Bromodichloromethan	0.462	0.484	0.511	0.533	0.533	0.505	6.21
42) T	cis-1,3-Dichloropro	0.627	0.643	0.654	0.683	0.674	0.656	3.45
43) T	4-Methyl-2-pentan	0.379	0.440	0.408	0.430	0.402	0.412	5.85
44) T	Toluene	1.687	1.656	1.572	1.575	1.563	1.610	3.52
45) T	trans-1,3-Dichlorop	0.496	0.531	0.560	0.593	0.582	0.552	7.15
46) T	1,1,2-Trichloroetha	0.298	0.313	0.303	0.310	0.302	0.305	1.95
47) T	Tetrachloroethene	0.321	0.302	0.285	0.286	0.282	0.295	5.61
48) S	1,1,2,2-Tetrachloro	0.370	0.446	0.397	0.411	0.405	0.406	6.74
49) T	2-Hexanone	0.265	0.319	0.312	0.326	0.304	0.305	7.81
50) T	Dibromochloromethan	0.304	0.324	0.341	0.361	0.361	0.338	7.33
51) T	1,2-Dibromoethane	0.286	0.304	0.284	0.300	0.287	0.292	3.15
52) T	Chlorobenzene	1.035	1.013	0.985	0.996	0.992	1.004	1.99

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	Compound	2.5	5	25	50	100	Avg	%RSD
53) T	Ethylbenzene	1.903	1.871	1.809	1.820	1.813	1.843	2.27
54) T	m,p-Xylene	0.698	0.670	0.646	0.648	0.660	0.664	3.16
55) T	o-xylene	0.643	0.641	0.635	0.646	0.655	0.644	1.12
56) T	Styrene	1.111	1.086	1.113	1.138	1.155	1.121	2.37
57) T	Isopropylbenzene	1.794	1.761	1.739	1.759	1.765	1.763	1.11
58) T	1,1,2,2-Tetrachloro	0.382	0.420	0.410	0.425	0.407	0.409	4.12
59)	1,2,3-Trichloroprop	0.311	0.335	0.322	0.333	0.315	0.323	3.20
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) S	1,2-Dichlorobenzene	0.950	1.005	0.915	0.929	0.960	0.952	3.62
62) T	Bromoform	0.371	0.410	0.435	0.456	0.448	0.424	8.05
63) T	1,3-Dichlorobenzene	1.626	1.608	1.607	1.614	1.610	1.613	0.47
64) T	1,4-Dichlorobenzene	1.654	1.649	1.616	1.625	1.618	1.633	1.10
65) T	1,2-Dichlorobenzene	1.518	1.496	1.504	1.519	1.509	1.509	0.65
66) T	1,2-Dibromo-3-chlor	0.146	0.168	0.158	0.168	0.156	0.159	5.83
67)	1,3,5-Trichlorobenz	1.214	1.193	1.226	1.246	1.242	1.224	1.78
68) T	1,2,4-trichlorobenz	0.946	0.968	1.054	1.102	1.038	1.022	6.27
69)	Naphthalene	1.688	2.072	2.310	2.490	2.240	2.160	14.04
70) T	1,2,3-Trichlorobenz	0.841	0.881	0.943	1.007	0.905	0.915	6.91

(#) = Out of Range