

Method Path : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\
 Method File : SOM2WLM062419S.M
 Title : VOC Analysis
 Last Update : Tue Jun 25 02:43:13 2019
 Response Via : Initial Calibration

Calibration Files

2.5 =VW010921.D 5 =VW010922.D 25 =VW010933.D
 50 =VW010924.D 100 =VW010925.D

	Compound	2.5	5	25	50	100	Avg	%RSD
1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.302	0.295	0.391	0.385	0.384	0.351	13.70
3) T	Chloromethane	0.344	0.339	0.359	0.396	0.431	0.374	10.44
4) S	Vinyl Chloride-d3	0.349	0.326	0.312	0.321	0.311	0.324	4.76
5) T	Vinyl chloride	0.428	0.418	0.477	0.464	0.447	0.447	5.46
6) T	Bromomethane	0.222	0.209	0.226	0.223	0.223	0.220	2.89
7) S	Chloroethane-d5	0.275	0.236	0.240	0.252	0.246	0.250	6.20
8) T	Chloroethane	0.223	0.217	0.249	0.249	0.245	0.237	6.56
9) T	Trichlorofluorometh	0.142	0.127	0.150	0.164	0.171	0.151	11.47
10) S	1,1-Dichloroethene-	0.800	0.756	0.753	0.761	0.759	0.766	2.56
11) T	1,1,2-Trichloro-1,2	0.351	0.334	0.367	0.352	0.350	0.351	3.33
12) T	1,1-Dichloroethene	0.345	0.330	0.363	0.352	0.360	0.350	3.78
13) T	Acetone	0.159	0.172	0.129	0.134	0.136	0.146	12.72
14) T	Carbon disulfide	0.966	0.927	1.100	1.092	1.094	1.036	7.99
15) T	Methyl Acetate	0.219	0.256	0.242	0.266	0.278	0.252	8.98
16) T	Methylene chloride	0.387	0.366	0.371	0.362	0.366	0.370	2.68
17) T	Methyl tert-butyl E	0.548	0.536	0.556	0.548	0.552	0.548	1.39
18) T	trans-1,2-Dichloroe	0.344	0.343	0.359	0.352	0.361	0.352	2.39
19) T	1,1-Dichloroethane	0.706	0.703	0.733	0.714	0.737	0.719	2.14
20) S	2-Butanone-d5	0.140	0.162	0.137	0.156	0.166	0.152	8.67
21)	2-Butanone	0.179	0.213	0.177	0.187	0.202	0.192	8.17
22) T	cis-1,2-Dichloroeth	0.364	0.366	0.390	0.379	0.394	0.379	3.57
23) T	Bromochloromethane	0.160	0.156	0.162	0.160	0.168	0.161	2.83
24) S	Chloroform-d	0.724	0.667	0.647	0.654	0.678	0.674	4.50
25) T	Chloroform	0.658	0.636	0.674	0.650	0.678	0.659	2.60
26) S	1,2-Dichloroethane-	0.438	0.421	0.398	0.410	0.424	0.418	3.61
27) T	1,2-Dichloroethane	0.502	0.513	0.521	0.517	0.531	0.517	2.05
28) I	Chlorobenzene-d5	-----ISTD-----						
29) S	Benzene-d6	1.651	1.528	1.431	1.458	1.437	1.501	6.15
30) T	Cyclohexane	0.826	0.804	0.857	0.832	0.814	0.827	2.43
31) T	1,1,1-Trichloroetha	0.554	0.537	0.556	0.547	0.525	0.544	2.41
32) T	Carbon tetrachlorid	0.503	0.494	0.532	0.523	0.516	0.514	2.98
33) S	1,2-Dichloropropane	0.539	0.498	0.473	0.483	0.487	0.496	5.21
34) T	Benzene	1.684	1.614	1.678	1.629	1.610	1.643	2.17
35) T	Trichloroethene	0.424	0.413	0.422	0.414	0.409	0.417	1.51
36) T	Methylcyclohexane	0.757	0.751	0.785	0.767	0.762	0.765	1.69
37) S	Toluene-d8	1.453	1.362	1.303	1.333	1.321	1.354	4.36
38) S	trans-1,3-Dichlorop	0.219	0.213	0.210	0.225	0.231	0.219	4.02
39) S	2-Hexanone-d5	0.104	0.115	0.101	0.115	0.122	0.111	7.84
40) T	1,2-Dichloropropane	0.461	0.444	0.459	0.447	0.450	0.452	1.61
41) T	Bromodichloromethan	0.511	0.502	0.546	0.541	0.553	0.531	4.24
42) T	cis-1,3-Dichloropro	0.643	0.655	0.719	0.723	0.738	0.696	6.25
43) T	4-Methyl-2-pentan	0.396	0.419	0.403	0.434	0.446	0.420	4.96
44) T	Toluene	1.722	1.695	1.752	1.718	1.702	1.718	1.27
45) T	trans-1,3-Dichlorop	0.521	0.531	0.596	0.606	0.622	0.575	8.02
46) T	1,1,2-Trichloroetha	0.303	0.310	0.307	0.312	0.318	0.310	1.76
47) T	Tetrachloroethene	0.324	0.318	0.319	0.310	0.309	0.316	1.95
48) S	1,1,2,2-Tetrachloro	0.408	0.416	0.385	0.413	0.421	0.409	3.40
49) T	2-Hexanone	0.270	0.308	0.290	0.307	0.319	0.299	6.43
50) T	Dibromochloromethan	0.313	0.320	0.348	0.356	0.370	0.341	7.07
51) T	1,2-Dibromoethane	0.285	0.296	0.298	0.308	0.312	0.300	3.57
52) T	Chlorobenzene	1.032	1.017	1.045	1.037	1.038	1.034	1.01

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	Compound	2.5	5	25	50	100	Avg	%RSD
53) T	Ethylbenzene	1.923	1.882	1.987	1.946	1.938	1.935	1.97
54) T	m,p-Xylene	0.694	0.677	0.722	0.708	0.710	0.702	2.42
55) T	o-xylene	0.650	0.656	0.695	0.676	0.693	0.674	3.04
56) T	Styrene	1.110	1.117	1.199	1.186	1.199	1.162	3.86
57) T	Isopropylbenzene	1.770	1.789	1.890	1.855	1.837	1.828	2.68
58) T	1,1,2,2-Tetrachloro	0.377	0.404	0.402	0.418	0.425	0.405	4.48
59)	1,2,3-Trichloroprop	0.298	0.319	0.308	0.323	0.325	0.315	3.65
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) S	1,2-Dichlorobenzene	0.993	0.965	0.899	0.923	0.939	0.944	3.87
62) T	Bromoform	0.363	0.363	0.393	0.426	0.456	0.400	10.10
63) T	1,3-Dichlorobenzene	1.630	1.589	1.657	1.609	1.653	1.628	1.76
64) T	1,4-Dichlorobenzene	1.633	1.640	1.632	1.631	1.638	1.635	0.26
65) T	1,2-Dichlorobenzene	1.504	1.469	1.528	1.510	1.516	1.505	1.47
66) T	1,2-Dibromo-3-chlor	0.140	0.152	0.148	0.165	0.166	0.154	7.36
67)	1,3,5-Trichlorobenz	1.223	1.227	1.275	1.240	1.229	1.239	1.72
68) T	1,2,4-trichlorobenz	0.989	1.002	1.099	1.084	1.075	1.050	4.82
69)	Naphthalene	1.914	2.101	2.311	2.448	2.429	2.240	10.22
70) T	1,2,3-Trichlorobenz	0.902	0.924	0.997	0.972	0.973	0.954	4.10

(#) = Out of Range