

Method Path : Z:\VOASRV\HPCHEM1\MSV0A W\METHOD\
 Method File : SOM2WLM050420S.M
 Title : VOC Analysis
 Last Update : Mon May 04 16:20:58 2020
 Response Via : Initial Calibration

Calibration Files

2.5 =VW015384.D 5 =VW015385.D 25 =VW015386.D
 50 =VW015387.D 100 =VW015388.D

	Compound	2.5	5	25	50	100	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.221	0.234	0.201	0.222	0.218	0.219	5.41
3) T	Chloromethane	0.266	0.239	0.205	0.229	0.235	0.235	9.29
4) S	Vinyl Chloride-d3	0.313	0.321	0.310	0.321	0.299	0.313	2.93
5) T	Vinyl chloride	0.390	0.390	0.341	0.362	0.340	0.365	6.74
6) T	Bromomethane	0.281	0.270	0.232	0.242	0.230	0.251	9.34
7) S	Chloroethane-d5	0.304	0.306	0.299	0.310	0.289	0.302	2.64
8) T	Chloroethane	0.261	0.256	0.233	0.243	0.226	0.244	6.06
9) T	Trichlorofluorometh	0.286	0.275	0.249	0.261	0.260	0.266	5.37
10) S	1,1-Dichloroethene-	0.663	0.660	0.615	0.631	0.612	0.636	3.81
11) T	1,1,2-Trichloro-1,2	0.307	0.306	0.280	0.302	0.287	0.296	4.07
12) T	1,1-Dichloroethene	0.325	0.313	0.278	0.295	0.287	0.300	6.38
13) T	Acetone	0.083	0.061	0.057	0.057	0.057	0.063	17.77
14) T	Carbon disulfide	1.077	0.975	0.848	0.896	0.861	0.931	10.24
15) T	Methyl Acetate	0.158	0.136	0.126	0.135	0.136	0.138	8.70
16) T	Methylene chloride	0.494	0.401	0.296	0.307	0.292	0.358	24.68
17) T	Methyl tert-butyl E	0.539	0.495	0.461	0.483	0.458	0.488	6.70
18) T	trans-1,2-Dichloroe	0.336	0.340	0.303	0.326	0.311	0.323	4.98
19) T	1,1-Dichloroethane	0.639	0.631	0.572	0.617	0.585	0.609	4.76
20) S	2-Butanone-d5	0.087	0.080	0.080	0.086	0.084	0.084	3.98
21)	2-Butanone	0.120	0.090	0.085	0.090	0.091	0.095	15.01
22) T	cis-1,2-Dichloroeth	0.362	0.354	0.328	0.358	0.339	0.348	4.08
23) T	Bromochloromethane	0.149	0.148	0.137	0.150	0.142	0.145	3.89
24) S	Chloroform-d	0.631	0.653	0.613	0.649	0.611	0.631	3.06
25) T	Chloroform	0.636	0.610	0.572	0.612	0.579	0.602	4.32
26) S	1,2-Dichloroethane-	0.356	0.351	0.345	0.356	0.341	0.350	1.86
27) T	1,2-Dichloroethane	0.421	0.414	0.398	0.416	0.398	0.409	2.65

28) I	Chlorobenzene-d5	-----ISTD-----						
29) S	Benzene-d6	1.420	1.394	1.361	1.367	1.297	1.368	3.36
30) T	Cyclohexane	0.727	0.691	0.618	0.638	0.597	0.654	8.22
31) T	1,1,1-Trichloroetha	0.621	0.577	0.543	0.550	0.514	0.561	7.18
32) T	Carbon tetrachlorid	0.547	0.531	0.486	0.505	0.485	0.511	5.39
33) S	1,2-Dichloropropane	0.429	0.425	0.411	0.412	0.396	0.415	3.16
34) T	Benzene	1.562	1.518	1.425	1.437	1.372	1.463	5.20
35) T	Trichloroethene	0.433	0.403	0.376	0.383	0.364	0.392	6.95
36) T	Methylcyclohexane	0.758	0.737	0.668	0.678	0.639	0.696	7.15
37) S	Toluene-d8	1.360	1.329	1.316	1.318	1.255	1.315	2.88
38) S	trans-1,3-Dichlorop	0.193	0.186	0.190	0.188	0.187	0.189	1.40
39) S	2-Hexanone-d5	0.082	0.072	0.074	0.077	0.077	0.077	4.76
40) T	1,2-Dichloropropane	0.392	0.372	0.354	0.364	0.345	0.366	4.97
41) T	Bromodichloromethan	0.497	0.487	0.468	0.490	0.470	0.482	2.61
42) T	cis-1,3-Dichloropro	0.605	0.588	0.579	0.597	0.583	0.590	1.81
43) T	4-Methyl-2-pentan	0.313	0.234	0.223	0.227	0.228	0.245	15.60
44) T	Toluene	1.671	1.624	1.558	1.606	1.533	1.599	3.40
45) T	trans-1,3-Dichlorop	0.528	0.495	0.504	0.527	0.519	0.514	2.81
46) T	1,1,2-Trichloroetha	0.275	0.254	0.247	0.255	0.250	0.256	4.38
47) T	Tetrachloroethene	0.309	0.306	0.289	0.291	0.276	0.294	4.66
48) S	1,1,2,2-Tetrachloro	0.328	0.300	0.307	0.316	0.310	0.312	3.42
49) T	2-Hexanone	0.161	0.145	0.151	0.157	0.157	0.154	4.10
50) T	Dibromochloromethan	0.318	0.307	0.299	0.317	0.308	0.310	2.63
51) T	1,2-Dibromoethane	0.261	0.236	0.238	0.245	0.242	0.245	4.12
52) T	Chlorobenzene	1.065	1.045	0.974	0.994	0.963	1.008	4.44

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	Compound	2.5	5	25	50	100	Avg	%RSD
53) T	Ethylbenzene	1.989	1.905	1.816	1.843	1.769	1.864	4.57
54) T	m,p-Xylene	0.712	0.712	0.679	0.700	0.680	0.696	2.38
55) T	o-xylene	0.685	0.667	0.652	0.685	0.662	0.670	2.20
56) T	Styrene	1.144	1.118	1.117	1.187	1.155	1.144	2.54
57) T	Isopropylbenzene	1.881	1.879	1.814	1.886	1.795	1.851	2.34
58) T	1,1,2,2-Tetrachloro	0.318	0.294	0.296	0.310	0.307	0.305	3.27
59)	1,2,3-Trichloroprop	0.251	0.225	0.223	0.233	0.226	0.232	4.92
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) S	1,2-Dichlorobenzene	0.909	0.882	0.869	0.874	0.849	0.877	2.47
62) T	Bromoform	0.384	0.344	0.352	0.380	0.386	0.369	5.32
63) T	1,3-Dichlorobenzene	1.668	1.570	1.574	1.610	1.526	1.590	3.34
64) T	1,4-Dichlorobenzene	1.689	1.611	1.549	1.562	1.502	1.583	4.49
65) T	1,2-Dichlorobenzene	1.468	1.382	1.384	1.414	1.345	1.398	3.28
66) T	1,2-Dibromo-3-chlor	0.124	0.105	0.109	0.113	0.113	0.113	6.42
67)	1,3,5-Trichlorobenz	1.102	1.118	1.087	1.118	1.041	1.093	2.93
68) T	1,2,4-trichlorobenz	0.867	0.879	0.878	0.970	0.919	0.903	4.71
69)	Naphthalene	1.677	1.547	1.678	1.795	1.772	1.694	5.78
70) T	1,2,3-Trichlorobenz	0.792	0.717	0.768	0.819	0.793	0.778	4.96

(#) = Out of Range