

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\
 Method File : SOM2WLM073019S.M
 Title : VOC Analysis
 Last Update : Tue Jul 30 12:12:26 2019
 Response Via : Initial Calibration

Calibration Files

2.5 =VW011566.D 5 =VW011567.D 25 =VW011568.D
 50 =VW011569.D 100 =VW011570.D

	Compound	2.5	5	25	50	100	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.230	0.245	0.284	0.313	0.328	0.280	15.08
3) T	Chloromethane	0.387	0.352	0.343	0.359	0.382	0.364	5.27
4) S	Vinyl Chloride-d3	0.393	0.361	0.346	0.340	0.320	0.352	7.72
5) T	Vinyl chloride	0.466	0.463	0.473	0.480	0.443	0.465	3.01
6) T	Bromomethane	0.214	0.216	0.223	0.230	0.214	0.219	3.16
7) S	Chloroethane-d5	0.269	0.249	0.254	0.253	0.243	0.254	3.75
8) T	Chloroethane	0.228	0.236	0.246	0.258	0.248	0.243	4.66
9) T	Trichlorofluorometh	0.208	0.216	0.240	0.261	0.259	0.237	10.16
10) S	1,1-Dichloroethene-	0.833	0.792	0.816	0.815	0.779	0.807	2.66
11) T	1,1,2-Trichloro-1,2	0.351	0.339	0.365	0.380	0.361	0.359	4.27
12) T	1,1-Dichloroethene	0.339	0.347	0.370	0.378	0.362	0.359	4.53
13) T	Acetone	0.157	0.158	0.185	0.209	0.140	0.170	15.88
14) T	Carbon disulfide	1.090	1.096	1.212	1.256	1.193	1.169	6.29
15) T	Methyl Acetate	0.216	0.258	0.304	0.348	0.262	0.278	18.04
16) T	Methylene chloride	0.423	0.383	0.384	0.385	0.376	0.390	4.87
17) T	Methyl tert-butyl E	0.558	0.573	0.628	0.638	0.593	0.598	5.76
18) T	trans-1,2-Dichloroe	0.354	0.350	0.382	0.391	0.378	0.371	4.85
19) T	1,1-Dichloroethane	0.708	0.710	0.757	0.767	0.764	0.741	4.02
20) S	2-Butanone-d5	0.138	0.153	0.167	0.194	0.142	0.159	14.42
21)	2-Butanone	0.156	0.189	0.243	0.277	0.200	0.213	22.25
22) T	cis-1,2-Dichloroeth	0.355	0.374	0.396	0.408	0.407	0.388	5.85
23) T	Bromochloromethane	0.158	0.154	0.172	0.172	0.170	0.165	5.13
24) S	Chloroform-d	0.739	0.691	0.681	0.660	0.662	0.687	4.66
25) T	Chloroform	0.659	0.668	0.700	0.699	0.691	0.683	2.76
26) S	1,2-Dichloroethane-	0.438	0.410	0.406	0.395	0.383	0.406	5.01
27) T	1,2-Dichloroethane	0.479	0.488	0.521	0.532	0.509	0.506	4.40
28) I	Chlorobenzene-d5	-----ISTD-----						
29) S	Benzene-d6	1.703	1.614	1.563	1.521	1.459	1.572	5.89
30) T	Cyclohexane	0.795	0.815	0.922	0.934	0.879	0.869	7.16
31) T	1,1,1-Trichloroetha	0.588	0.588	0.632	0.634	0.604	0.609	3.74
32) T	Carbon tetrachlorid	0.539	0.545	0.600	0.606	0.576	0.573	5.31
33) S	1,2-Dichloropropane	0.543	0.522	0.503	0.487	0.482	0.507	4.99
34) T	Benzene	1.685	1.730	1.813	1.811	1.721	1.752	3.28
35) T	Trichloroethene	0.428	0.432	0.459	0.464	0.442	0.445	3.64
36) T	Methylcyclohexane	0.755	0.756	0.860	0.860	0.803	0.807	6.49
37) S	Toluene-d8	1.482	1.405	1.406	1.358	1.326	1.395	4.22
38) S	trans-1,3-Dichlorop	0.224	0.219	0.224	0.225	0.220	0.222	1.14
39) S	2-Hexanone-d5	0.093	0.113	0.129	0.147	0.110	0.119	17.22
40) T	1,2-Dichloropropane	0.445	0.458	0.485	0.481	0.469	0.468	3.51
41) T	Bromodichloromethan	0.518	0.519	0.572	0.578	0.571	0.552	5.51
42) T	cis-1,3-Dichloropro	0.608	0.648	0.734	0.756	0.751	0.699	9.62
43) T	4-Methyl-2-pentan	0.315	0.386	0.474	0.533	0.410	0.424	19.74
44) T	Toluene	1.645	1.719	1.876	1.865	1.795	1.780	5.53
45) T	trans-1,3-Dichlorop	0.496	0.544	0.613	0.640	0.617	0.582	10.31
46) T	1,1,2-Trichloroetha	0.295	0.309	0.332	0.343	0.315	0.319	5.92
47) T	Tetrachloroethene	0.318	0.337	0.355	0.352	0.337	0.340	4.32
48) S	1,1,2,2-Tetrachloro	0.420	0.427	0.441	0.445	0.374	0.421	6.71
49) T	2-Hexanone	0.246	0.290	0.370	0.418	0.307	0.326	20.79
50) T	Dibromochloromethan	0.305	0.321	0.372	0.385	0.374	0.351	10.19
51) T	1,2-Dibromoethane	0.275	0.296	0.329	0.342	0.310	0.310	8.49
52) T	Chlorobenzene	1.022	1.059	1.105	1.105	1.077	1.074	3.23

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	Compound	2.5	5	25	50	100	Avg	%RSD
53) T	Ethylbenzene	1.829	1.898	2.084	2.099	2.016	1.985	5.94
54) T	m,p-Xylene	0.662	0.690	0.759	0.762	0.736	0.722	6.11
55) T	o-xylene	0.605	0.648	0.718	0.723	0.703	0.679	7.52
56) T	Styrene	1.000	1.096	1.224	1.248	1.206	1.155	9.05
57) T	Isopropylbenzene	1.690	1.772	1.986	1.993	1.903	1.869	7.17
58) T	1,1,2,2-Tetrachloro	0.361	0.412	0.461	0.484	0.400	0.424	11.53
59)	1,2,3-Trichloroprop	0.283	0.315	0.357	0.377	0.302	0.327	11.87
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) S	1,2-Dichlorobenzene	1.058	0.987	0.942	0.927	0.902	0.963	6.36
62) T	Bromoform	0.386	0.404	0.470	0.506	0.470	0.447	11.21
63) T	1,3-Dichlorobenzene	1.593	1.652	1.753	1.765	1.721	1.697	4.28
64) T	1,4-Dichlorobenzene	1.661	1.657	1.750	1.755	1.696	1.704	2.75
65) T	1,2-Dichlorobenzene	1.465	1.475	1.600	1.601	1.541	1.536	4.25
66) T	1,2-Dibromo-3-chlor	0.134	0.139	0.172	0.202	0.148	0.159	17.60
67)	1,3,5-Trichlorobenz	1.139	1.190	1.312	1.339	1.265	1.249	6.68
68) T	1,2,4-trichlorobenz	0.830	0.916	1.072	1.127	1.084	1.006	12.56
69)	Naphthalene	1.374	1.657	2.295	2.610	2.191	2.025	24.70
70) T	1,2,3-Trichlorobenz	0.787	0.858	1.000	1.044	0.969	0.932	11.39

(#) = Out of Range