

Method Path : Z:\VOASRV\HPCHEM1\MSV0A_W\METHOD\
 Method File : SOM2WLM041519S.M
 Title : VOC Analysis
 Last Update : Mon Apr 15 18:07:20 2019
 Response Via : Initial Calibration

Calibration Files

2.5 =VW009972.D 5 =VW009973.D 25 =VW009974.D
 50 =VW009975.D 100 =VW009976.D

	Compound	2.5	5	25	50	100	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.297	0.356	0.370	0.354	0.377	0.351	8.94
3) T	Chloromethane	0.318	0.295	0.328	0.323	0.335	0.320	4.69
4) S	Vinyl Chloride-d3	0.167	0.214	0.265	0.271	0.263	0.236	19.04
5) T	Vinyl chloride	0.223	0.277	0.335	0.333	0.336	0.301	16.73
6) T	Bromomethane	0.227	0.211	0.225	0.220	0.226	0.222	2.94
7) S	Chloroethane-d5	0.232	0.257	0.238	0.243	0.227	0.239	4.85
8) T	Chloroethane	0.210	0.212	0.225	0.216	0.217	0.216	2.80
9) T	Trichlorofluorometh	0.239	0.240	0.251	0.247	0.260	0.248	3.47
10) S	1,1-Dichloroethene-	0.625	0.617	0.679	0.687	0.669	0.655	4.89
11) T	1,1,2-Trichloro-1,2	0.338	0.311	0.334	0.318	0.311	0.322	4.10
12) T	1,1-Dichloroethene	0.270	0.286	0.322	0.311	0.321	0.302	7.54
13) T	Acetone	0.141	0.106	0.113	0.102	0.106	0.114	13.76
14) T	Carbon disulfide	0.652	0.764	0.957	0.938	0.967	0.856	16.42
15) T	Methyl Acetate	0.213	0.233	0.234	0.227	0.239	0.229	4.41
16) T	Methylene chloride	0.671	0.510	0.383	0.353	0.346	0.453	30.69
17) T	Methyl tert-butyl E	0.407	0.411	0.460	0.457	0.474	0.442	6.92
18) T	trans-1,2-Dichloroe	0.341	0.330	0.346	0.340	0.351	0.342	2.33
19) T	1,1-Dichloroethane	0.704	0.666	0.688	0.662	0.684	0.681	2.52
20) S	2-Butanone-d5	0.113	0.112	0.135	0.138	0.141	0.128	11.14
21)	2-Butanone	0.122	0.132	0.164	0.159	0.167	0.149	13.71
22) T	cis-1,2-Dichloroeth	0.345	0.343	0.386	0.383	0.397	0.371	6.77
23) T	Bromochloromethane	0.168	0.172	0.177	0.171	0.175	0.173	2.01
24) S	Chloroform-d	0.750	0.731	0.725	0.719	0.689	0.723	3.10
25) T	Chloroform	0.714	0.696	0.705	0.676	0.692	0.697	2.07
26) S	1,2-Dichloroethane-	0.456	0.461	0.450	0.449	0.425	0.448	3.07
27) T	1,2-Dichloroethane	0.524	0.537	0.558	0.527	0.535	0.536	2.49

28) I	Chlorobenzene-d5	-----ISTD-----						
29) S	Benzene-d6	1.355	1.397	1.409	1.387	1.321	1.374	2.58
30) T	Cyclohexane	0.468	0.477	0.633	0.619	0.629	0.565	15.04
31) T	1,1,1-Trichloroetha	0.546	0.521	0.534	0.504	0.505	0.522	3.47
32) T	Carbon tetrachlorid	0.521	0.509	0.523	0.502	0.508	0.513	1.80
33) S	1,2-Dichloropropane	0.446	0.451	0.439	0.434	0.418	0.438	2.92
34) T	Benzene	1.441	1.462	1.537	1.450	1.473	1.473	2.56
35) T	Trichloroethene	0.391	0.374	0.394	0.373	0.383	0.383	2.50
36) T	Methylcyclohexane	0.541	0.574	0.665	0.649	0.648	0.615	8.86
37) S	Toluene-d8	1.163	1.248	1.308	1.303	1.244	1.253	4.67
38) S	trans-1,3-Dichlorop	0.188	0.196	0.215	0.219	0.219	0.207	6.90
39) S	2-Hexanone-d5	0.065	0.076	0.110	0.116	0.117	0.097	25.16
40) T	1,2-Dichloropropane	0.389	0.391	0.400	0.380	0.387	0.389	1.85
41) T	Bromodichloromethan	0.527	0.525	0.543	0.523	0.541	0.532	1.78
42) T	cis-1,3-Dichloropro	0.532	0.535	0.640	0.635	0.660	0.600	10.27
43) T	4-Methyl-2-pentan	0.260	0.278	0.360	0.343	0.363	0.321	15.02
44) T	Toluene	1.448	1.528	1.670	1.577	1.589	1.562	5.24
45) T	trans-1,3-Dichlorop	0.465	0.487	0.568	0.554	0.577	0.530	9.59
46) T	1,1,2-Trichloroetha	0.301	0.299	0.319	0.297	0.303	0.304	2.91
47) T	Tetrachloroethene	0.300	0.307	0.306	0.291	0.291	0.299	2.61
48) S	1,1,2,2-Tetrachloro	0.399	0.408	0.422	0.415	0.403	0.409	2.26
49) T	2-Hexanone	0.176	0.195	0.260	0.248	0.260	0.228	17.32
50) T	Dibromochloromethan	0.338	0.347	0.378	0.361	0.378	0.361	5.03
51) T	1,2-Dibromoethane	0.291	0.286	0.308	0.295	0.308	0.297	3.40
52) T	Chlorobenzene	1.048	1.020	1.035	0.988	1.007	1.020	2.29

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	Compound	2.5	5	25	50	100	Avg	%RSD
53) T	Ethylbenzene	1.611	1.634	1.869	1.792	1.826	1.746	6.69
54) T	m,p-Xylene	0.557	0.597	0.690	0.669	0.680	0.639	9.14
55) T	o-xylene	0.514	0.571	0.662	0.649	0.667	0.613	10.99
56) T	Styrene	0.890	0.998	1.171	1.139	1.164	1.072	11.56
57) T	Isopropylbenzene	1.373	1.493	1.792	1.739	1.762	1.632	11.48
58) T	1,1,2,2-Tetrachloro	0.389	0.389	0.418	0.395	0.407	0.400	3.15
59) T	1,2,3-Trichloroprop	0.283	0.288	0.317	0.301	0.307	0.299	4.61
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) S	1,2-Dichlorobenzene	0.977	0.956	0.938	0.933	0.894	0.940	3.27
62) T	Bromoform	0.424	0.406	0.459	0.435	0.471	0.439	5.98
63) T	1,3-Dichlorobenzene	1.446	1.473	1.540	1.512	1.582	1.510	3.56
64) T	1,4-Dichlorobenzene	1.671	1.651	1.648	1.568	1.578	1.623	2.88
65) T	1,2-Dichlorobenzene	1.473	1.468	1.541	1.459	1.470	1.482	2.26
66) T	1,2-Dibromo-3-chlor	0.142	0.149	0.158	0.145	0.156	0.150	4.65
67) T	1,3,5-Trichlorobenz	1.073	1.092	1.144	1.103	1.119	1.106	2.42
68) T	1,2,4-trichlorobenz	0.805	0.855	0.952	0.948	0.972	0.906	8.02
69) T	Naphthalene	1.417	1.569	2.235	2.200	2.306	1.945	21.50
70) T	1,2,3-Trichlorobenz	0.773	0.819	0.934	0.893	0.905	0.865	7.70

(#) = Out of Range