

Method Path : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\
 Method File : SOM2VLM051319S.M
 Title : VOC Analysis
 Last Update : Tue May 14 01:46:41 2019
 Response Via : Initial Calibration

Calibration Files

2.5 =VV010845.D 5 =VV010846.D 25 =VV010847.D
 50 =VV010848.D 100 =VV010849.D

	Compound	2.5	5	25	50	100	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.323	0.258	0.287	0.260	0.259	0.277	10.19
3) T	Chloromethane	0.429	0.319	0.309	0.290	0.314	0.332	16.63
4) S	Vinyl Chloride-d3	0.339	0.282	0.349	0.320	0.304	0.319	8.47
5) T	Vinyl chloride	0.420	0.337	0.376	0.336	0.320	0.358	11.30
6) T	Bromomethane	0.085	0.072	0.089	0.084	0.085	0.083	7.59
7) S	Chloroethane-d5	0.238	0.192	0.215	0.201	0.191	0.208	9.46
8) T	Chloroethane	0.226	0.203	0.185	0.160	0.151	0.185	16.66
9) T	Trichlorofluorometh	0.619	0.481	0.540	0.468	0.451	0.512	13.43
10) S	1,1-Dichloroethene-	0.661	0.580	0.631	0.583	0.559	0.603	6.90
11) T	1,1,2-Trichloro-1,2	0.380	0.290	0.320	0.283	0.272	0.309	14.04
12) T	1,1-Dichloroethene	0.322	0.292	0.304	0.263	0.259	0.288	9.34
13) T	Acetone	0.149	0.096	0.097	0.080	0.087	0.102	26.76
14) T	Carbon disulfide	1.007	0.844	0.916	0.795	0.777	0.868	10.91
15) T	Methyl Acetate	0.252	0.230	0.204	0.183	0.195	0.213	13.06
16) T	Methylene chloride	0.505	0.414	0.393	0.352	0.354	0.403	15.48
17) T	Methyl tert-butyl E	0.938	0.870	0.998	0.927	0.970	0.941	5.12
18) T	trans-1,2-Dichloroe	0.378	0.324	0.367	0.321	0.325	0.343	7.94
19) T	1,1-Dichloroethane	0.710	0.612	0.710	0.647	0.643	0.664	6.63
20) S	2-Butanone-d5	0.090	0.102	0.103	0.100	0.106	0.100	5.81
21)	2-Butanone	0.132	0.126	0.137	0.125	0.139	0.132	4.83
22) T	cis-1,2-Dichloroeth	0.411	0.356	0.432	0.407	0.402	0.402	6.97
23) T	Bromochloromethane	0.195	0.171	0.197	0.183	0.190	0.187	5.61
24) S	Chloroform-d	0.740	0.711	0.736	0.714	0.708	0.722	2.10
25) T	Chloroform	0.761	0.683	0.781	0.692	0.687	0.721	6.43
26) S	1,2-Dichloroethane-	0.417	0.410	0.415	0.405	0.404	0.410	1.36
27) T	1,2-Dichloroethane	0.521	0.496	0.525	0.481	0.492	0.503	3.80

28) I	Chlorobenzene-d5	-----ISTD-----						
29) S	Benzene-d6	1.412	1.319	1.472	1.356	1.360	1.384	4.27
30) T	Cyclohexane	0.557	0.416	0.523	0.452	0.456	0.481	11.91
31) T	1,1,1-Trichloroetha	0.608	0.512	0.589	0.502	0.503	0.543	9.42
32) T	Carbon tetrachlorid	0.521	0.420	0.501	0.439	0.436	0.463	9.60
33) S	1,2-Dichloropropane	0.463	0.426	0.456	0.434	0.428	0.441	3.87
34) T	Benzene	1.596	1.326	1.586	1.385	1.392	1.457	8.57
35) T	Trichloroethene	0.415	0.351	0.403	0.359	0.360	0.378	7.71
36) T	Methylcyclohexane	0.595	0.447	0.570	0.504	0.512	0.526	11.07
37) S	Toluene-d8	1.338	1.226	1.415	1.326	1.344	1.330	5.09
38) S	trans-1,3-Dichlorop	0.191	0.173	0.200	0.192	0.207	0.193	6.60
39) S	2-Hexanone-d5	0.079	0.075	0.085	0.084	0.095	0.084	8.84
40) T	1,2-Dichloropropane	0.434	0.390	0.411	0.368	0.381	0.397	6.55
41) T	Bromodichloromethan	0.547	0.462	0.541	0.492	0.503	0.509	6.96
42) T	cis-1,3-Dichloropro	0.519	0.516	0.637	0.594	0.629	0.579	10.06
43) T	4-Methyl-2-pentanon	0.273	0.255	0.303	0.274	0.296	0.280	6.88
44) T	Toluene	1.717	1.405	1.769	1.590	1.617	1.620	8.66
45) T	trans-1,3-Dichlorop	0.483	0.410	0.531	0.491	0.532	0.489	10.14
46) T	1,1,2-Trichloroetha	0.335	0.299	0.346	0.302	0.316	0.320	6.32
47) T	Tetrachloroethene	0.318	0.246	0.301	0.263	0.268	0.279	10.56
48) S	1,1,2,2-Tetrachloro	0.399	0.410	0.415	0.395	0.428	0.409	3.28
49) T	2-Hexanone	0.199	0.202	0.218	0.200	0.216	0.207	4.38
50) T	Dibromochloromethan	0.346	0.308	0.383	0.355	0.386	0.356	8.92
51) T	1,2-Dibromoethane	0.306	0.277	0.319	0.291	0.313	0.301	5.67
52) T	Chlorobenzene	1.149	1.011	1.193	1.069	1.093	1.103	6.41

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	Compound	2.5	5	25	50	100	Avg	%RSD
53) T	Ethylbenzene	1.796	1.511	1.939	1.793	1.832	1.774	8.93
54) T	m,p-Xylene	0.706	0.587	0.777	0.707	0.720	0.699	9.92
55) T	o-xylene	0.641	0.595	0.767	0.710	0.721	0.687	9.93
56) T	Styrene	1.046	0.988	1.332	1.256	1.268	1.178	12.83
57) T	Isopropylbenzene	1.639	1.462	1.917	1.786	1.792	1.719	10.14
58) T	1,1,2,2-Tetrachloro	0.442	0.400	0.428	0.406	0.435	0.422	4.36
59) T	1,2,3-Trichloroprop	0.316	0.288	0.325	0.292	0.308	0.306	5.17
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) S	1,2-Dichlorobenzene	1.075	1.024	1.087	1.021	1.013	1.044	3.27
62) T	Bromoform	0.358	0.316	0.443	0.391	0.443	0.390	14.13
63) T	1,3-Dichlorobenzene	1.783	1.533	1.911	1.705	1.705	1.727	7.95
64) T	1,4-Dichlorobenzene	1.866	1.688	1.952	1.719	1.721	1.789	6.40
65) T	1,2-Dichlorobenzene	1.745	1.632	1.887	1.681	1.672	1.723	5.81
66) T	1,2-Dibromo-3-chlor	0.121	0.132	0.136	0.123	0.133	0.129	5.28
67) T	1,3,5-Trichlorobenz	1.374	1.147	1.348	1.213	1.212	1.259	7.74
68) T	1,2,4-trichlorobenz	0.968	0.865	1.137	1.048	1.065	1.016	10.24
69) T	Naphthalene	1.733	1.666	2.419	2.318	2.510	2.129	18.72
70) T	1,2,3-Trichlorobenz	0.882	0.851	1.089	0.991	1.024	0.967	10.24

(#) = Out of Range