

Method Path : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\
 Method File : SOM2VLM053019S.M
 Title : VOC Analysis
 Last Update : Thu May 30 14:54:22 2019
 Response Via : Initial Calibration

Calibration Files

2.5 =VV011132.D 5 =VV011133.D 25 =VV011134.D
 50 =VV011135.D 100 =VV011136.D

Compound		2.5	5	25	50	100	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.400	0.393	0.427	0.415	0.383	0.404	4.29
3) T	Chloromethane	0.364	0.393	0.414	0.416	0.386	0.395	5.46
4) S	Vinyl Chloride-d3	0.380	0.384	0.322	0.315	0.290	0.338	12.34
5) T	Vinyl chloride	0.408	0.382	0.413	0.397	0.368	0.394	4.75
6) T	Bromomethane	0.227	0.217	0.219	0.207	0.192	0.212	6.32
7) S	Chloroethane-d5	0.271	0.294	0.258	0.249	0.228	0.260	9.43
8) T	Chloroethane	0.215	0.236	0.241	0.231	0.216	0.228	5.14
9) T	Trichlorofluorometh	0.564	0.575	0.604	0.568	0.521	0.566	5.29
10) S	1,1-Dichloroethene-	0.749	0.758	0.691	0.663	0.610	0.694	8.87
11) T	1,1,2-Trichloro-1,2	0.321	0.323	0.306	0.295	0.271	0.303	7.03
12) T	1,1-Dichloroethene	0.282	0.306	0.286	0.275	0.255	0.281	6.57
13) T	Acetone	0.140	0.127	0.159	0.155	0.139	0.144	9.14
14) T	Carbon disulfide	0.923	0.930	0.930	0.896	0.832	0.902	4.62
15) T	Methyl Acetate	0.227	0.212	0.221	0.220	0.202	0.216	4.52
16) T	Methylene chloride	0.432	0.400	0.372	0.362	0.339	0.381	9.43
17) T	Methyl tert-butyl E	0.947	0.988	1.000	0.993	0.941	0.974	2.82
18) T	trans-1,2-Dichloroe	0.341	0.364	0.351	0.340	0.314	0.342	5.33
19) T	1,1-Dichloroethane	0.663	0.687	0.676	0.662	0.622	0.662	3.70
20) S	2-Butanone-d5	0.100	0.122	0.136	0.136	0.124	0.124	12.02
21)	2-Butanone	0.150	0.157	0.182	0.184	0.172	0.169	8.94
22) T	cis-1,2-Dichloroeth	0.367	0.394	0.396	0.390	0.364	0.382	4.04
23) T	Bromochloromethane	0.162	0.176	0.176	0.168	0.158	0.168	4.73
24) S	Chloroform-d	0.606	0.626	0.636	0.599	0.588	0.611	3.27
25) T	Chloroform	0.692	0.737	0.723	0.725	0.661	0.707	4.33
26) S	1,2-Dichloroethane-	0.381	0.408	0.408	0.408	0.386	0.398	3.41
27) T	1,2-Dichloroethane	0.455	0.511	0.517	0.510	0.484	0.495	5.18
28) I	Chlorobenzene-d5	-----ISTD-----						
29) S	Benzene-d6	1.380	1.398	1.409	1.352	1.251	1.358	4.66
30) T	Cyclohexane	0.715	0.693	0.683	0.648	0.603	0.669	6.56
31) T	1,1,1-Trichloroetha	0.602	0.554	0.597	0.571	0.538	0.573	4.78
32) T	Carbon tetrachlorid	0.488	0.485	0.504	0.489	0.461	0.485	3.15
33) S	1,2-Dichloropropane	0.439	0.430	0.454	0.441	0.411	0.435	3.59
34) T	Benzene	1.502	1.514	1.556	1.468	1.371	1.482	4.70
35) T	Trichloroethene	0.388	0.401	0.404	0.388	0.363	0.389	4.21
36) T	Methylcyclohexane	0.698	0.682	0.674	0.637	0.598	0.658	6.13
37) S	Toluene-d8	1.336	1.300	1.312	1.277	1.180	1.281	4.72
38) S	trans-1,3-Dichlorop	0.182	0.182	0.205	0.213	0.203	0.197	7.07
39) S	2-Hexanone-d5	0.089	0.089	0.104	0.109	0.103	0.099	9.37
40) T	1,2-Dichloropropane	0.372	0.405	0.394	0.401	0.376	0.390	3.84
41) T	Bromodichloromethan	0.486	0.492	0.530	0.524	0.505	0.507	3.77
42) T	cis-1,3-Dichloropro	0.563	0.582	0.664	0.655	0.633	0.619	7.21
43) T	4-Methyl-2-pentan	0.342	0.340	0.372	0.367	0.348	0.354	4.16
44) T	Toluene	1.615	1.658	1.700	1.611	1.506	1.618	4.48
45) T	trans-1,3-Dichlorop	0.467	0.485	0.564	0.574	0.554	0.529	9.24
46) T	1,1,2-Trichloroetha	0.295	0.298	0.320	0.312	0.294	0.304	3.81
47) T	Tetrachloroethene	0.302	0.302	0.293	0.282	0.260	0.288	6.06
48) S	1,1,2,2-Tetrachloro	0.347	0.367	0.432	0.417	0.398	0.392	9.00
49) T	2-Hexanone	0.210	0.219	0.278	0.297	0.271	0.255	15.03
50) T	Dibromochloromethan	0.309	0.314	0.365	0.371	0.358	0.343	8.51
51) T	1,2-Dibromoethane	0.284	0.278	0.310	0.308	0.293	0.295	4.85
52) T	Chlorobenzene	1.058	1.046	1.067	1.030	0.978	1.036	3.40

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	Compound	2.5	5	25	50	100	Avg	%RSD
53) T	Ethylbenzene	1.862	1.884	1.950	1.844	1.740	1.856	4.10
54) T	m,p-Xylene	0.705	0.691	0.721	0.689	0.645	0.690	4.10
55) T	o-xylene	0.681	0.683	0.710	0.675	0.647	0.679	3.29
56) T	Styrene	1.054	1.099	1.218	1.188	1.143	1.141	5.80
57) T	Isopropylbenzene	1.805	1.841	1.902	1.812	1.705	1.813	3.93
58) T	1,1,2,2-Tetrachloro	0.401	0.401	0.434	0.422	0.407	0.413	3.57
59)	1,2,3-Trichloroprop	0.303	0.285	0.336	0.327	0.310	0.312	6.41
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) S	1,2-Dichlorobenzene	0.973	0.929	0.971	0.924	0.881	0.935	4.08
62) T	Bromoform	0.333	0.337	0.419	0.432	0.427	0.390	12.79
63) T	1,3-Dichlorobenzene	1.617	1.659	1.674	1.601	1.546	1.619	3.13
64) T	1,4-Dichlorobenzene	1.706	1.650	1.687	1.623	1.551	1.643	3.70
65) T	1,2-Dichlorobenzene	1.517	1.554	1.603	1.534	1.459	1.533	3.42
66) T	1,2-Dibromo-3-chlor	0.140	0.138	0.154	0.159	0.154	0.149	6.29
67)	1,3,5-Trichlorobenz	1.198	1.242	1.256	1.207	1.149	1.211	3.47
68) T	1,2,4-trichlorobenz	0.863	0.936	1.031	1.029	0.998	0.971	7.39
69)	Naphthalene	1.475	1.614	2.248	2.343	2.305	1.997	20.89
70) T	1,2,3-Trichlorobenz	0.809	0.861	0.949	0.956	0.930	0.901	7.05

(#) = Out of Range