

Method Path : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\
 Method File : SOM2VLM050219S.M
 Title : VOC Analysis
 Last Update : Thu May 02 14:03:29 2019
 Response Via : Initial Calibration

Calibration Files

2.5 =VV010624.D 5 =VV010625.D 25 =VV010626.D
 50 =VV010627.D 100 =VV010628.D

	Compound	2.5	5	25	50	100	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.416	0.430	0.325	0.366	0.311	0.370	14.28
3) T	Chloromethane	0.385	0.415	0.296	0.330	0.274	0.340	17.43
4) S	Vinyl Chloride-d3	0.398	0.336	0.298	0.297	0.253	0.317	17.15
5) T	Vinyl chloride	0.349	0.363	0.271	0.297	0.252	0.306	15.81
6) T	Bromomethane	0.177	0.177	0.169	0.151	0.110	0.157	17.98
7) S	Chloroethane-d5	0.267	0.238	0.222	0.205	0.176	0.222	15.48
8) T	Chloroethane	0.169	0.198	0.153	0.156	0.134	0.162	14.73
9) T	Trichlorofluorometh	0.613	0.649	0.484	0.532	0.436	0.543	16.28
10) S	1,1-Dichloroethene-	0.657	0.595	0.539	0.534	0.449	0.555	13.96
11) T	1,1,2-Trichloro-1,2	0.306	0.333	0.245	0.268	0.221	0.275	16.51
12) T	1,1-Dichloroethene	0.267	0.289	0.216	0.234	0.194	0.240	15.95
13) T	Acetone	0.122	0.097	0.064	0.071	0.059	0.083	32.02
14) T	Carbon disulfide	0.886	0.966	0.697	0.762	0.665	0.795	16.03
15) T	Methyl Acetate	0.160	0.178	0.144	0.177	0.148	0.161	9.79
16) T	Methylene chloride	0.417	0.409	0.306	0.331	0.281	0.349	17.63
17) T	Methyl tert-butyl E	0.726	0.769	0.683	0.814	0.708	0.740	7.04
18) T	trans-1,2-Dichloroe	0.317	0.357	0.277	0.308	0.267	0.305	11.79
19) T	1,1-Dichloroethane	0.593	0.609	0.522	0.569	0.489	0.556	8.98
20) S	2-Butanone-d5	0.086	0.080	0.102	0.114	0.099	0.096	14.08
21)	2-Butanone	0.102	0.115	0.093	0.121	0.107	0.108	10.05
22) T	cis-1,2-Dichloroeth	0.332	0.358	0.311	0.354	0.311	0.333	6.80
23) T	Bromochloromethane	0.147	0.179	0.149	0.167	0.145	0.157	9.56
24) S	Chloroform-d	0.682	0.622	0.668	0.668	0.588	0.646	6.11
25) T	Chloroform	0.624	0.691	0.596	0.635	0.536	0.617	9.19
26) S	1,2-Dichloroethane-	0.387	0.349	0.394	0.390	0.330	0.370	7.76
27) T	1,2-Dichloroethane	0.395	0.442	0.376	0.427	0.358	0.399	8.75

28) I	Chlorobenzene-d5	-----ISTD-----						
29) S	Benzene-d6	1.342	1.249	1.378	1.317	1.191	1.295	5.79
30) T	Cyclohexane	0.452	0.491	0.402	0.452	0.402	0.440	8.64
31) T	1,1,1-Trichloroetha	0.494	0.544	0.463	0.497	0.444	0.488	7.82
32) T	Carbon tetrachlorid	0.436	0.488	0.409	0.451	0.403	0.437	7.89
33) S	1,2-Dichloropropane	0.427	0.372	0.421	0.402	0.364	0.397	7.10
34) T	Benzene	1.249	1.300	1.108	1.224	1.095	1.195	7.53
35) T	Trichloroethene	0.374	0.383	0.310	0.337	0.302	0.341	10.68
36) T	Methylcyclohexane	0.479	0.563	0.440	0.499	0.455	0.487	9.87
37) S	Toluene-d8	1.258	1.104	1.361	1.324	1.179	1.245	8.44
38) S	trans-1,3-Dichlorop	0.152	0.131	0.181	0.186	0.170	0.164	13.88
39) S	2-Hexanone-d5	0.059	0.059	0.076	0.082	0.078	0.071	15.77
40) T	1,2-Dichloropropane	0.318	0.338	0.288	0.324	0.285	0.311	7.49
41) T	Bromodichloromethan	0.392	0.434	0.393	0.443	0.396	0.412	6.06
42) T	cis-1,3-Dichloropro	0.416	0.458	0.418	0.523	0.458	0.455	9.57
43) T	4-Methyl-2-pentan	0.208	0.209	0.205	0.247	0.225	0.219	8.13
44) T	Toluene	1.291	1.385	1.253	1.421	1.246	1.319	6.02
45) T	trans-1,3-Dichlorop	0.319	0.364	0.377	0.446	0.406	0.383	12.39
46) T	1,1,2-Trichloroetha	0.241	0.286	0.239	0.283	0.248	0.260	8.86
47) T	Tetrachloroethene	0.300	0.292	0.234	0.266	0.237	0.266	11.39
48) S	1,1,2,2-Tetrachloro	0.354	0.330	0.369	0.390	0.346	0.358	6.35
49) T	2-Hexanone	0.146	0.157	0.145	0.197	0.169	0.163	13.25
50) T	Dibromochloromethan	0.290	0.287	0.301	0.346	0.314	0.308	7.73
51) T	1,2-Dibromoethane	0.241	0.266	0.232	0.274	0.238	0.250	7.49
52) T	Chlorobenzene	0.908	1.022	0.866	0.962	0.844	0.921	7.88

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	Compound	2.5	5	25	50	100	Avg	%RSD
53) T	Ethylbenzene	1.454	1.573	1.413	1.606	1.413	1.492	6.12
54) T	m,p-Xylene	0.496	0.576	0.556	0.641	0.556	0.565	9.17
55) T	o-xylene	0.479	0.575	0.538	0.625	0.543	0.552	9.69
56) T	Styrene	0.800	0.934	0.933	1.085	0.934	0.937	10.79
57) T	Isopropylbenzene	1.297	1.485	1.420	1.628	1.416	1.449	8.34
58) T	1,1,2,2-Tetrachloro	0.307	0.334	0.301	0.356	0.322	0.324	6.84
59)	1,2,3-Trichloroprop	0.242	0.250	0.226	0.270	0.230	0.244	7.20
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) S	1,2-Dichlorobenzene	0.970	0.913	1.052	0.996	0.879	0.962	7.08
62) T	Bromoform	0.308	0.351	0.332	0.396	0.367	0.351	9.51
63) T	1,3-Dichlorobenzene	1.377	1.555	1.352	1.516	1.333	1.427	7.13
64) T	1,4-Dichlorobenzene	1.525	1.595	1.408	1.557	1.363	1.490	6.67
65) T	1,2-Dichlorobenzene	1.393	1.463	1.382	1.495	1.309	1.408	5.20
66) T	1,2-Dibromo-3-chlor	0.097	0.105	0.096	0.116	0.104	0.104	7.77
67)	1,3,5-Trichlorobenz	1.144	1.142	1.028	1.149	1.014	1.095	6.22
68) T	1,2,4-trichlorobenz	0.740	0.808	0.806	0.958	0.867	0.836	9.79
69)	Naphthalene	1.144	1.326	1.546	2.065	1.910	1.598	24.19
70) T	1,2,3-Trichlorobenz	0.681	0.747	0.756	0.930	0.828	0.788	12.01

(#) = Out of Range