

Method Path : W:\HPCHEM1\MSV0A_U\METHOD\
 Method File : SOMULM050118WMA.M
 Title : VOC Analysis
 Last Update : Wed May 02 02:31:51 2018
 Response Via : Initial Calibration

Calibration Files

5 =VU023545.D 10 =VU023546.D 50 =VU023547.D
 100 =VU023548.D 200 =VU023549.D

	Compound	5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.624	0.567	0.515	0.485	0.509	0.540	10.34
3) T	Chloromethane	0.670	0.613	0.551	0.522	0.540	0.579	10.59
4) S	Vinyl Chloride-d3	0.350	0.356	0.357	0.351	0.358	0.354	0.99
5) T	Vinyl chloride	0.619	0.576	0.528	0.501	0.518	0.548	8.85
6) T	Bromomethane	0.334	0.301	0.287	0.272	0.276	0.294	8.55
7) S	Chloroethane-d5	0.279	0.267	0.271	0.268	0.267	0.270	1.89
8) T	Chloroethane	0.410	0.365	0.304	0.285	0.293	0.331	16.33
9) T	Trichlorofluorometh	0.702	0.655	0.589	0.562	0.579	0.617	9.57
10) T	1,1,2-Trichloro-1,2	0.431	0.413	0.380	0.363	0.359	0.389	8.12
11) S	1,1-Dichloroethene-	0.713	0.689	0.700	0.682	0.670	0.691	2.39
12) T	1,1-Dichloroethene	0.421	0.379	0.356	0.336	0.332	0.365	10.03
13) T	Acetone	0.451	0.426	0.343	0.316	0.283	0.364	19.84
14) T	Carbon disulfide	1.410	1.296	1.204	1.165	1.213	1.258	7.77
15) T	Methyl Acetate	0.532	0.503	0.466	0.456	0.451	0.482	7.20
16) T	Methylene chloride	0.535	0.488	0.432	0.407	0.415	0.455	11.96
17) T	trans-1,2-Dichloroe	0.435	0.415	0.385	0.372	0.388	0.399	6.36
18) T	Methyl tert-butyl E	1.219	1.188	1.161	1.141	1.193	1.180	2.55
19) T	1,1-Dichloroethane	0.888	0.838	0.765	0.723	0.748	0.792	8.66
20) T	cis-1,2-Dichloroeth	0.483	0.451	0.430	0.416	0.436	0.443	5.77
21) S	2-Butanone-d5	0.206	0.238	0.256	0.267	0.257	0.245	9.85
22) T	2-Butanone	0.444	0.445	0.397	0.381	0.355	0.405	9.79
23) T	Bromochloromethane	0.243	0.235	0.216	0.206	0.212	0.222	7.27
24) S	Chloroform-d	0.550	0.548	0.600	0.612	0.621	0.586	5.93
25) T	Chloroform	0.939	0.890	0.778	0.718	0.738	0.813	11.92
26) S	1,2-Dichloroethane-	0.405	0.404	0.413	0.407	0.408	0.408	0.87
27) T	1,2-Dichloroethane	0.675	0.627	0.584	0.557	0.569	0.603	8.06
28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.703	0.716	0.743	0.747	0.787	0.739	4.36
30) T	1,1,1-Trichloroetha	0.695	0.659	0.605	0.590	0.617	0.633	6.78
31) T	Carbon tetrachlorid	0.599	0.559	0.524	0.523	0.548	0.550	5.69
32) S	Benzene-d6	1.254	1.306	1.373	1.382	1.393	1.342	4.43
33) T	Benzene	1.894	1.813	1.724	1.672	1.707	1.762	5.11
34) T	Trichloroethene	0.498	0.476	0.425	0.420	0.438	0.451	7.56
35) T	Methylcyclohexane	0.693	0.678	0.698	0.702	0.759	0.706	4.41
36) S	1,2-Dichloropropane	0.436	0.438	0.451	0.461	0.461	0.449	2.65
37) T	1,2-Dichloropropane	0.557	0.533	0.481	0.473	0.482	0.505	7.43
38) T	Bromodichloromethan	0.619	0.583	0.546	0.539	0.562	0.570	5.66
39) T	cis-1,3-Dichloropro	0.687	0.658	0.690	0.699	0.746	0.696	4.59
40) T	4-Methyl-2-pentanone	0.596	0.603	0.617	0.629	0.637	0.617	2.75
41) S	Toluene-d8	1.106	1.156	1.298	1.311	1.313	1.237	7.98
42) T	Toluene	1.883	1.858	1.823	1.763	1.804	1.826	2.56
43) S	trans-1,3-Dichlorop	0.157	0.179	0.202	0.209	0.220	0.193	13.09
44) T	trans-1,3-Dichlorop	0.594	0.592	0.615	0.629	0.675	0.621	5.44
45) T	1,1,2-Trichloroetha	0.493	0.444	0.405	0.397	0.406	0.429	9.39
46) T	Tetrachloroethene	0.400	0.383	0.355	0.345	0.356	0.368	6.13
47) S	2-Hexanone-d5	0.125	0.144	0.180	0.199	0.206	0.171	20.55
48) T	2-Hexanone	0.532	0.538	0.538	0.539	0.538	0.537	0.54
49) T	Dibromochloromethan	0.472	0.448	0.439	0.440	0.461	0.452	3.17
50) T	1,2-Dibromoethane	0.465	0.455	0.411	0.410	0.425	0.433	5.84
51) T	Chlorobenzene	1.359	1.265	1.160	1.133	1.167	1.217	7.74
52) T	Ethylbenzene	1.978	1.971	1.972	1.944	2.033	1.980	1.65

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	Compound	5	10	50	100	200	Avg	%RSD
53) T	m,p-Xylene	0.747	0.749	0.759	0.747	0.773	0.755	1.50
54) T	o-xylene	0.701	0.693	0.726	0.714	0.743	0.715	2.76
55) T	Styrene	1.180	1.227	1.280	1.259	1.311	1.251	4.01
56) T	Isopropylbenzene	1.836	1.860	1.886	1.863	1.942	1.877	2.13
57) S	1,1,2,2-Tetrachloro	0.556	0.558	0.579	0.599	0.614	0.581	4.34
58) T	1,1,2,2-Tetrachloro	0.765	0.724	0.667	0.669	0.697	0.704	5.85
59)	1,2,3-Trichloroprop	0.613	0.578	0.531	0.525	0.540	0.558	6.72
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.667	0.646	0.600	0.609	0.621	0.629	4.42
62) T	1,3-Dichlorobenzene	1.993	1.870	1.723	1.696	1.732	1.803	6.97
63) T	1,4-Dichlorobenzene	2.080	1.998	1.812	1.746	1.777	1.883	7.84
64) S	1,2-Dichlorobenzene	0.993	0.975	0.964	0.979	0.965	0.975	1.23
65) T	1,2-Dichlorobenzene	2.083	1.948	1.765	1.706	1.722	1.845	8.91
66) T	1,2-Dibromo-3-chlor	0.283	0.282	0.258	0.264	0.251	0.268	5.43
67)	1,3,5-Trichlorobenz	1.667	1.550	1.451	1.419	1.465	1.510	6.62
68) T	1,2,4-trichlorobenz	1.251	1.266	1.258	1.281	1.357	1.283	3.37
69)	Naphthalene	2.542	2.963	3.669	3.829	3.828	3.366	17.33
70) T	1,2,3-Trichlorobenz	1.282	1.321	1.315	1.299	1.318	1.307	1.26

(#) = Out of Range