

Method Path : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\
 Method File : SOMULM080519WMA.M
 Title : VOC Analysis
 Last Update : Wed Aug 07 16:40:40 2019
 Response Via : Initial Calibration

Calibration Files

5 =VU033591.D 10 =VU033592.D 50 =VU033602.D
 100 =VU033594.D 200 =VU033595.D

	Compound	5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.444	0.411	0.431	0.420	0.432	0.428	2.92
3) T	Chloromethane	0.499	0.453	0.464	0.448	0.453	0.463	4.51
4) S	Vinyl Chloride-d3	0.342	0.295	0.315	0.329	0.316	0.320	5.46
5) T	Vinyl chloride	0.547	0.491	0.496	0.500	0.501	0.507	4.50
6) T	Bromomethane	0.381	0.344	0.427	0.348	0.526	0.405	18.59
7) S	Chloroethane-d5	0.294	0.272	0.277	0.392	0.546	0.356	32.85
8) T	Chloroethane	0.340	0.323	0.307	0.431	0.593	0.399	29.72
9) T	Trichlorofluorometh	0.699	0.646	0.669	0.648	0.644	0.661	3.56
10) T	1,1,2-Trichloro-1,2	0.350	0.329	0.335	0.326	0.340	0.336	2.82
11) S	1,1-Dichloroethene-	0.682	0.570	0.603	0.615	0.623	0.619	6.63
12) T	1,1-Dichloroethene	0.342	0.310	0.328	0.320	0.332	0.327	3.70
13) T	Acetone	0.347	0.269	0.238	0.224	0.211	0.258	21.06
14) T	Carbon disulfide	1.084	0.984	0.997	0.982	1.014	1.012	4.17
15) T	Methyl Acetate	0.448	0.401	0.426	0.411	0.419	0.421	4.19
16) T	Methylene chloride	0.404	0.376	0.379	0.371	0.374	0.381	3.53
17) T	trans-1,2-Dichloroe	0.363	0.341	0.343	0.341	0.355	0.348	2.86
18) T	Methyl tert-butyl E	1.085	0.999	1.083	1.091	1.137	1.079	4.61
19) T	1,1-Dichloroethane	0.690	0.630	0.652	0.642	0.665	0.656	3.51
20) T	cis-1,2-Dichloroeth	0.395	0.349	0.387	0.388	0.402	0.384	5.42
21) S	2-Butanone-d5	0.247	0.240	0.258	0.281	0.268	0.259	6.29
22) T	2-Butanone	0.351	0.297	0.325	0.328	0.318	0.324	6.04
23) T	Bromochloromethane	0.208	0.198	0.200	0.198	0.200	0.201	1.95
24) S	Chloroform-d	0.631	0.572	0.595	0.626	0.618	0.608	4.08
25) T	Chloroform	0.720	0.654	0.678	0.661	0.675	0.678	3.77
26) S	1,2-Dichloroethane-	0.421	0.361	0.369	0.389	0.378	0.384	6.08
27) T	1,2-Dichloroethane	0.562	0.502	0.528	0.518	0.537	0.529	4.22

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.539	0.518	0.579	0.582	0.629	0.569	7.52
30) T	1,1,1-Trichloroetha	0.620	0.562	0.570	0.570	0.602	0.585	4.24
31) T	Carbon tetrachlorid	0.521	0.487	0.506	0.512	0.540	0.513	3.80
32) S	Benzene-d6	1.241	1.149	1.192	1.269	1.263	1.223	4.18
33) T	Benzene	1.491	1.435	1.499	1.477	1.540	1.488	2.57
34) T	Trichloroethene	0.394	0.366	0.380	0.377	0.400	0.383	3.50
35) T	Methylcyclohexane	0.560	0.536	0.614	0.628	0.679	0.604	9.35
36) S	1,2-Dichloropropane	0.390	0.373	0.385	0.403	0.406	0.391	3.50
37) T	1,2-Dichloropropane	0.431	0.398	0.398	0.393	0.413	0.407	3.86
38) T	Bromodichloromethan	0.520	0.490	0.508	0.510	0.535	0.512	3.25
39) T	cis-1,3-Dichloropro	0.573	0.570	0.623	0.641	0.683	0.618	7.73
40) T	4-Methyl-2-pentanone	0.563	0.543	0.584	0.599	0.619	0.582	5.09
41) S	Toluene-d8	1.123	1.017	1.124	1.215	1.210	1.138	7.11
42) T	Toluene	1.529	1.487	1.627	1.613	1.695	1.590	5.18
43) S	trans-1,3-Dichlorop	0.186	0.185	0.189	0.205	0.209	0.195	5.80
44) T	trans-1,3-Dichlorop	0.522	0.519	0.558	0.575	0.607	0.556	6.68
45) T	1,1,2-Trichloroetha	0.403	0.363	0.375	0.374	0.387	0.380	4.03
46) T	Tetrachloroethene	0.305	0.305	0.313	0.315	0.335	0.315	3.93
47) S	2-Hexanone-d5	0.158	0.163	0.194	0.220	0.222	0.191	15.86
48) T	2-Hexanone	0.443	0.428	0.469	0.482	0.501	0.465	6.32
49) T	Dibromochloromethan	0.426	0.400	0.422	0.431	0.458	0.427	4.86
50) T	1,2-Dibromoethane	0.431	0.390	0.410	0.418	0.434	0.417	4.27
51) T	Chlorobenzene	1.066	1.001	1.022	1.026	1.076	1.038	3.03
52) T	Ethylbenzene	1.646	1.581	1.740	1.772	1.882	1.724	6.74

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	Compound	5	10	50	100	200	Avg	%RSD

53) T	m,p-Xylene	0.609	0.599	0.671	0.683	0.721	0.657	7.85
54) T	o-xylene	0.592	0.580	0.660	0.675	0.710	0.643	8.65
55) T	Styrene	0.964	0.979	1.120	1.163	1.234	1.092	10.77
56) T	Isopropylbenzene	1.487	1.482	1.704	1.759	1.863	1.659	10.19
57) S	1,1,2,2-Tetrachloro	0.608	0.553	0.580	0.631	0.623	0.599	5.33
58) T	1,1,2,2-Tetrachloro	0.697	0.653	0.675	0.673	0.703	0.680	2.97
59)	1,2,3-Trichloroprop	0.557	0.515	0.526	0.525	0.540	0.532	3.02

60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.642	0.581	0.613	0.618	0.658	0.623	4.74
62) T	1,3-Dichlorobenzene	1.642	1.512	1.541	1.550	1.598	1.569	3.29
63) T	1,4-Dichlorobenzene	1.712	1.566	1.560	1.560	1.614	1.603	4.06
64) S	1,2-Dichlorobenzene	0.958	0.846	0.852	0.928	0.905	0.898	5.39
65) T	1,2-Dichlorobenzene	1.596	1.519	1.549	1.558	1.601	1.565	2.19
66) T	1,2-Dibromo-3-chlor	0.292	0.272	0.296	0.301	0.314	0.295	5.24
67)	1,3,5-Trichlorobenz	1.147	1.159	1.207	1.230	1.296	1.208	4.96
68) T	1,2,4-trichlorobenz	0.876	0.900	1.053	1.115	1.207	1.030	13.72
69)	Naphthalene	2.368	2.427	3.190	3.367	3.620	2.994	18.91
70) T	1,2,3-Trichlorobenz	1.033	0.998	1.106	1.126	1.216	1.096	7.76

(#) = Out of Range