

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
 Method File : SOMULM100119WMA.M
 Title : VOC Analysis
 Last Update : Tue Oct 01 03:53:14 2019
 Response Via : Initial Calibration

Calibration Files

5 =VU034883.D 10 =VU034884.D 50 =VU034885.D
 100 =VU034886.D 200 =VU034887.D

	Compound	5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.295	0.295	0.287	0.279	0.286	0.288	2.35
3) T	Chloromethane	0.257	0.262	0.240	0.240	0.241	0.248	4.36
4) S	Vinyl Chloride-d3	0.354	0.358	0.344	0.346	0.350	0.350	1.67
5) T	Vinyl chloride	0.241	0.256	0.247	0.246	0.250	0.248	2.17
6) T	Bromomethane	0.132	0.122	0.123	0.126	0.130	0.126	3.38
7) S	Chloroethane-d5	0.308	0.297	0.285	0.293	0.289	0.294	2.98
8) T	Chloroethane	0.166	0.165	0.155	0.156	0.156	0.160	3.40
9) T	Trichlorofluorometh	0.377	0.386	0.377	0.368	0.372	0.376	1.78
10) T	1,1,2-Trichloro-1,2	0.238	0.248	0.235	0.231	0.229	0.236	3.27
11) S	1,1-Dichloroethene-	0.633	0.635	0.625	0.617	0.614	0.625	1.46
12) T	1,1-Dichloroethene	0.185	0.194	0.186	0.185	0.187	0.188	2.04
13) T	Acetone	0.283	0.292	0.264	0.262	0.258	0.272	5.39
14) T	Carbon disulfide	0.285	0.303	0.297	0.305	0.313	0.301	3.46
15) T	Methyl Acetate	0.417	0.433	0.429	0.446	0.445	0.434	2.84
16) T	Methylene chloride	0.285	0.281	0.270	0.267	0.266	0.274	3.11
17) T	trans-1,2-Dichloroe	0.183	0.197	0.190	0.196	0.197	0.192	3.15
18) T	Methyl tert-butyl E	1.067	1.122	1.057	1.077	1.080	1.081	2.29
19) T	1,1-Dichloroethane	0.567	0.600	0.563	0.559	0.565	0.571	2.90
20) T	cis-1,2-Dichloroeth	0.267	0.285	0.285	0.287	0.291	0.283	3.24
21) S	2-Butanone-d5	0.288	0.320	0.350	0.371	0.381	0.342	11.10
22) T	2-Butanone	0.308	0.345	0.352	0.375	0.385	0.353	8.51
23) T	Bromochloromethane	0.133	0.141	0.134	0.134	0.136	0.136	2.48
24) S	Chloroform-d	0.642	0.652	0.694	0.705	0.707	0.680	4.50
25) T	Chloroform	0.666	0.660	0.597	0.604	0.600	0.625	5.49
26) S	1,2-Dichloroethane-	0.504	0.503	0.493	0.502	0.496	0.499	0.98
27) T	1,2-Dichloroethane	0.471	0.499	0.489	0.490	0.485	0.487	2.07

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.365	0.369	0.357	0.365	0.358	0.363	1.38
30) T	1,1,1-Trichloroetha	0.490	0.490	0.472	0.475	0.466	0.478	2.33
31) T	Carbon tetrachlorid	0.358	0.376	0.367	0.373	0.369	0.369	1.88
32) S	Benzene-d6	1.340	1.381	1.370	1.384	1.330	1.361	1.81
33) T	Benzene	1.026	1.116	1.071	1.079	1.041	1.066	3.30
34) T	Trichloroethene	0.266	0.276	0.261	0.265	0.263	0.266	2.13
35) T	Methylcyclohexane	0.319	0.342	0.332	0.342	0.337	0.334	2.87
36) S	1,2-Dichloropropane	0.490	0.454	0.463	0.473	0.460	0.468	2.95
37) T	1,2-Dichloropropane	0.358	0.376	0.355	0.361	0.351	0.361	2.65
38) T	Bromodichloromethan	0.431	0.463	0.460	0.478	0.475	0.461	3.97
39) T	cis-1,3-Dichloropro	0.463	0.491	0.519	0.544	0.524	0.508	6.20
40) T	4-Methyl-2-pentanone	0.663	0.733	0.720	0.759	0.781	0.731	6.11
41) S	Toluene-d8	1.269	1.258	1.277	1.319	1.281	1.281	1.81
42) T	Toluene	1.110	1.153	1.153	1.168	1.153	1.147	1.89
43) S	trans-1,3-Dichlorop	0.175	0.190	0.210	0.229	0.232	0.207	11.94
44) T	trans-1,3-Dichlorop	0.385	0.434	0.473	0.510	0.515	0.464	11.84
45) T	1,1,2-Trichloroetha	0.331	0.349	0.333	0.339	0.337	0.338	2.09
46) T	Tetrachloroethene	0.167	0.182	0.173	0.172	0.173	0.173	3.20
47) S	2-Hexanone-d5	0.182	0.192	0.226	0.253	0.266	0.224	16.36
48) T	2-Hexanone	0.495	0.557	0.537	0.573	0.613	0.555	7.89
49) T	Dibromochloromethan	0.311	0.339	0.359	0.372	0.382	0.353	8.01
50) T	1,2-Dibromoethane	0.294	0.312	0.314	0.327	0.327	0.314	4.32
51) T	Chlorobenzene	0.777	0.791	0.770	0.775	0.775	0.778	1.05
52) T	Ethylbenzene	1.255	1.364	1.341	1.380	1.395	1.347	4.09

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	Compound	5	10	50	100	200	Avg	%RSD
53) T	m,p-Xylene	0.440	0.478	0.463	0.486	0.486	0.471	4.14
54) T	o-xylene	0.466	0.490	0.497	0.511	0.517	0.496	4.07
55) T	Styrene	0.770	0.847	0.873	0.915	0.950	0.871	7.93
56) T	Isopropylbenzene	1.276	1.397	1.377	1.431	1.453	1.387	4.95
57) S	1,1,2,2-Tetrachloro	0.632	0.643	0.669	0.695	0.701	0.668	4.58
58) T	1,1,2,2-Tetrachloro	0.669	0.657	0.661	0.686	0.702	0.675	2.77
59)	1,2,3-Trichloroprop	0.534	0.563	0.523	0.544	0.553	0.543	2.84
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.512	0.533	0.561	0.583	0.608	0.559	6.83
62) T	1,3-Dichlorobenzene	1.387	1.364	1.334	1.325	1.346	1.351	1.81
63) T	1,4-Dichlorobenzene	1.411	1.382	1.328	1.323	1.353	1.359	2.75
64) S	1,2-Dichlorobenzene	1.034	0.969	0.999	0.988	0.984	0.995	2.45
65) T	1,2-Dichlorobenzene	1.469	1.529	1.439	1.402	1.415	1.451	3.50
66) T	1,2-Dibromo-3-chlor	0.242	0.285	0.313	0.330	0.349	0.304	13.75
67)	1,3,5-Trichlorobenz	0.773	0.921	0.963	0.955	0.986	0.920	9.30
68) T	1,2,4-trichlorobenz	0.520	0.626	0.783	0.844	0.916	0.738	21.94
69)	Naphthalene	1.336	1.731	2.582	3.093	3.347	2.418	35.75
70) T	1,2,3-Trichlorobenz	0.643	0.658	0.815	0.882	0.927	0.785	16.47

(#) = Out of Range