

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
 Method File : SOMULM071219WMA.M
 Title : VOC Analysis
 Last Update : Fri Jul 12 23:46:09 2019
 Response Via : Initial Calibration

Calibration Files

5 =VU033209.D 10 =VU033210.D 50 =VU033211.D
 100 =VU033212.D 200 =VU033213.D

	Compound	5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.571	0.483	0.465	0.482	0.477	0.495	8.65
3) T	Chloromethane	0.565	0.463	0.461	0.485	0.466	0.488	9.08
4) S	Vinyl Chloride-d3	0.380	0.388	0.360	0.383	0.381	0.378	2.80
5) T	Vinyl chloride	0.645	0.551	0.528	0.554	0.543	0.564	8.20
6) T	Bromomethane	0.323	0.300	0.304	0.340	0.492	0.352	22.71
7) S	Chloroethane-d5	0.313	0.339	0.313	0.331	0.321	0.323	3.53
8) T	Chloroethane	0.377	0.339	0.328	0.337	0.325	0.341	6.15
9) T	Trichlorofluorometh	0.818	0.754	0.703	0.724	0.711	0.742	6.28
10) T	1,1,2-Trichloro-1,2	0.377	0.333	0.338	0.328	0.329	0.341	6.05
11) S	1,1-Dichloroethene-	0.696	0.658	0.718	0.656	0.705	0.687	4.06
12) T	1,1-Dichloroethene	0.369	0.323	0.329	0.320	0.328	0.334	5.96
13) T	Acetone	0.404	0.327	0.266	0.261	0.240	0.300	22.27
14) T	Carbon disulfide	1.142	0.992	0.965	1.005	0.999	1.021	6.84
15) T	Methyl Acetate	0.406	0.384	0.368	0.394	0.404	0.391	4.00
16) T	Methylene chloride	0.418	0.378	0.359	0.376	0.373	0.381	5.81
17) T	trans-1,2-Dichloroe	0.376	0.333	0.326	0.345	0.345	0.345	5.48
18) T	Methyl tert-butyl E	1.118	0.973	1.022	1.101	1.110	1.065	6.03
19) T	1,1-Dichloroethane	0.734	0.657	0.627	0.647	0.651	0.663	6.19
20) T	cis-1,2-Dichloroeth	0.404	0.375	0.370	0.398	0.398	0.389	3.91
21) S	2-Butanone-d5	0.211	0.226	0.229	0.258	0.275	0.240	10.77
22) T	2-Butanone	0.368	0.317	0.313	0.333	0.333	0.333	6.51
23) T	Bromochloromethane	0.213	0.197	0.189	0.198	0.199	0.199	4.28
24) S	Chloroform-d	0.627	0.639	0.605	0.650	0.651	0.634	3.04
25) T	Chloroform	0.797	0.706	0.659	0.688	0.675	0.705	7.72
26) S	1,2-Dichloroethane-	0.409	0.423	0.385	0.411	0.406	0.407	3.36
27) T	1,2-Dichloroethane	0.579	0.544	0.525	0.545	0.537	0.546	3.66

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.551	0.494	0.516	0.582	0.580	0.545	7.13
30) T	1,1,1-Trichloroetha	0.662	0.577	0.531	0.576	0.571	0.583	8.22
31) T	Carbon tetrachlorid	0.557	0.503	0.470	0.510	0.513	0.510	6.07
32) S	Benzene-d6	1.155	1.250	1.163	1.286	1.279	1.227	5.14
33) T	Benzene	1.570	1.423	1.365	1.476	1.457	1.458	5.16
34) T	Trichloroethene	0.430	0.373	0.348	0.379	0.377	0.381	7.83
35) T	Methylcyclohexane	0.592	0.536	0.549	0.624	0.620	0.584	6.90
36) S	1,2-Dichloropropane	0.391	0.404	0.362	0.405	0.403	0.393	4.65
37) T	1,2-Dichloropropane	0.433	0.389	0.366	0.397	0.392	0.395	6.11
38) T	Bromodichloromethan	0.550	0.496	0.477	0.516	0.511	0.510	5.32
39) T	cis-1,3-Dichloropro	0.619	0.573	0.543	0.645	0.652	0.606	7.75
40) T	4-Methyl-2-pentanone	0.521	0.493	0.492	0.557	0.588	0.530	7.91
41) S	Toluene-d8	1.052	1.146	1.104	1.241	1.240	1.157	7.22
42) T	Toluene	1.612	1.495	1.491	1.637	1.625	1.572	4.62
43) S	trans-1,3-Dichlorop	0.175	0.182	0.185	0.208	0.213	0.193	8.62
44) T	trans-1,3-Dichlorop	0.543	0.501	0.522	0.578	0.590	0.547	6.83
45) T	1,1,2-Trichloroetha	0.413	0.364	0.347	0.375	0.372	0.374	6.46
46) T	Tetrachloroethene	0.315	0.289	0.271	0.300	0.300	0.295	5.50
47) S	2-Hexanone-d5	0.133	0.158	0.166	0.207	0.223	0.177	20.95
48) T	2-Hexanone	0.436	0.386	0.407	0.454	0.478	0.432	8.47
49) T	Dibromochloromethan	0.438	0.394	0.385	0.431	0.437	0.417	6.11
50) T	1,2-Dibromoethane	0.437	0.389	0.381	0.415	0.417	0.408	5.55
51) T	Chlorobenzene	1.113	0.988	0.949	1.040	1.040	1.026	6.01
52) T	Ethylbenzene	1.626	1.543	1.613	1.802	1.827	1.682	7.44

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	Compound	5	10	50	100	200	Avg	%RSD
53) T	m,p-Xylene	0.632	0.561	0.614	0.684	0.694	0.637	8.55
54) T	o-xylene	0.598	0.570	0.611	0.687	0.698	0.633	8.96
55) T	Styrene	0.980	0.931	1.054	1.181	1.217	1.073	11.58
56) T	Isopropylbenzene	1.554	1.429	1.571	1.769	1.817	1.628	9.90
57) S	1,1,2,2-Tetrachloro	0.553	0.612	0.550	0.622	0.637	0.595	6.83
58) T	1,1,2,2-Tetrachloro	0.695	0.634	0.611	0.667	0.678	0.657	5.19
59)	1,2,3-Trichloroprop	0.561	0.492	0.473	0.519	0.529	0.515	6.61
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.630	0.594	0.550	0.631	0.648	0.611	6.45
62) T	1,3-Dichlorobenzene	1.710	1.445	1.399	1.577	1.565	1.539	7.95
63) T	1,4-Dichlorobenzene	1.849	1.543	1.456	1.615	1.583	1.609	9.11
64) S	1,2-Dichlorobenzene	0.867	0.909	0.825	0.935	0.923	0.892	5.07
65) T	1,2-Dichlorobenzene	1.788	1.490	1.449	1.587	1.579	1.578	8.31
66) T	1,2-Dibromo-3-chlor	0.323	0.310	0.269	0.304	0.301	0.301	6.70
67)	1,3,5-Trichlorobenz	1.154	1.021	1.038	1.173	1.175	1.112	6.85
68) T	1,2,4-trichlorobenz	0.931	0.853	0.907	1.078	1.089	0.972	10.92
69)	Naphthalene	2.653	2.471	3.025	3.686	3.741	3.115	18.67
70) T	1,2,3-Trichlorobenz	1.154	0.952	0.953	1.107	1.108	1.055	9.05

(#) = Out of Range