

Method Path : Z:\VOASRV\HPCHEM1\MSV0A_V\METHOD\
 Method File : SOMVLM020120WMA.M
 Title : VOC Analysis
 Last Update : Sat Feb 01 01:51:38 2020
 Response Via : Initial Calibration

Calibration Files

5 =VV014451.D 10 =VV014452.D 50 =VV014453.D
 100 =VV014454.D 200 =VV014455.D

	Compound	5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.413	0.436	0.417	0.401	0.423	0.418	3.12
3) T	Chloromethane	0.443	0.459	0.445	0.421	0.415	0.436	4.17
4) S	Vinyl Chloride-d3	0.274	0.281	0.276	0.274	0.283	0.278	1.56
5) T	Vinyl chloride	0.357	0.358	0.349	0.339	0.350	0.351	2.25
6) T	Bromomethane	0.112	0.120	0.115	0.116	0.122	0.117	3.16
7) S	Chloroethane-d5	0.171	0.177	0.176	0.172	0.167	0.173	2.28
8) T	Chloroethane	0.161	0.163	0.155	0.146	0.145	0.154	5.58
9) T	Trichlorofluorometh	0.399	0.421	0.408	0.391	0.400	0.404	2.85
10) T	1,1,2-Trichloro-1,2	0.191	0.190	0.194	0.184	0.188	0.189	1.97
11) S	1,1-Dichloroethene-	0.372	0.370	0.374	0.367	0.370	0.371	0.74
12) T	1,1-Dichloroethene	0.206	0.200	0.188	0.178	0.178	0.190	6.71
13) T	Acetone	0.191	0.195	0.138	0.122	0.152	0.159	20.26
14) T	Carbon disulfide	0.914	0.959	0.937	0.907	0.954	0.934	2.49
15) T	Methyl Acetate	0.283	0.302	0.312	0.311	0.328	0.307	5.29
16) T	Methylene chloride	0.380	0.384	0.363	0.349	0.355	0.366	4.28
17) T	trans-1,2-Dichloroe	0.314	0.344	0.333	0.324	0.334	0.330	3.46
18) T	Methyl tert-butyl E	0.977	1.020	1.035	1.004	1.038	1.015	2.46
19) T	1,1-Dichloroethane	0.571	0.619	0.616	0.593	0.612	0.602	3.32
20) T	cis-1,2-Dichloroeth	0.349	0.372	0.372	0.368	0.379	0.368	3.09
21) S	2-Butanone-d5	0.150	0.176	0.194	0.203	0.211	0.187	13.08
22) T	2-Butanone	0.203	0.216	0.238	0.239	0.252	0.230	8.56
23) T	Bromochloromethane	0.159	0.175	0.175	0.173	0.181	0.172	4.83
24) S	Chloroform-d	0.543	0.558	0.608	0.609	0.620	0.588	5.91
25) T	Chloroform	0.596	0.629	0.611	0.590	0.607	0.606	2.53
26) S	1,2-Dichloroethane-	0.332	0.352	0.356	0.361	0.369	0.354	3.92
27) T	1,2-Dichloroethane	0.387	0.443	0.444	0.434	0.447	0.431	5.79

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.580	0.608	0.628	0.611	0.627	0.611	3.19
30) T	1,1,1-Trichloroetha	0.490	0.543	0.555	0.536	0.555	0.536	5.02
31) T	Carbon tetrachlorid	0.441	0.461	0.475	0.471	0.489	0.467	3.77
32) S	Benzene-d6	1.231	1.283	1.351	1.364	1.353	1.317	4.36
33) T	Benzene	1.404	1.527	1.511	1.458	1.476	1.475	3.29
34) T	Trichloroethene	0.364	0.375	0.378	0.367	0.378	0.373	1.73
35) T	Methylcyclohexane	0.581	0.614	0.634	0.622	0.645	0.619	3.92
36) S	1,2-Dichloropropane	0.384	0.412	0.427	0.428	0.432	0.417	4.77
37) T	1,2-Dichloropropane	0.345	0.369	0.378	0.370	0.382	0.369	3.94
38) T	Bromodichloromethan	0.468	0.499	0.506	0.491	0.505	0.494	3.17
39) T	cis-1,3-Dichloropro	0.522	0.587	0.639	0.632	0.650	0.606	8.69
40) T	4-Methyl-2-pentanone	0.382	0.453	0.468	0.460	0.466	0.446	8.08
41) S	Toluene-d8	1.138	1.176	1.261	1.249	1.253	1.215	4.56
42) T	Toluene	1.473	1.575	1.594	1.535	1.544	1.544	2.99
43) S	trans-1,3-Dichlorop	0.199	0.195	0.214	0.223	0.227	0.212	6.75
44) T	trans-1,3-Dichlorop	0.501	0.529	0.551	0.545	0.567	0.538	4.68
45) T	1,1,2-Trichloroetha	0.325	0.358	0.360	0.346	0.353	0.348	4.13
46) T	Tetrachloroethene	0.265	0.281	0.273	0.265	0.278	0.273	2.72
47) S	2-Hexanone-d5	0.132	0.152	0.170	0.177	0.184	0.163	12.84
48) T	2-Hexanone	0.285	0.353	0.378	0.356	0.371	0.349	10.64
49) T	Dibromochloromethan	0.348	0.383	0.395	0.387	0.403	0.383	5.58
50) T	1,2-Dibromoethane	0.352	0.379	0.374	0.370	0.380	0.371	3.07
51) T	Chlorobenzene	0.974	1.003	1.004	0.969	0.990	0.988	1.63
52) T	Ethylbenzene	1.693	1.764	1.774	1.705	1.731	1.733	2.05

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	Compound	5	10	50	100	200	Avg	%RSD
53) T	m,p-Xylene	0.603	0.652	0.674	0.644	0.664	0.647	4.20
54) T	o-xylene	0.641	0.651	0.659	0.627	0.629	0.641	2.18
55) T	Styrene	1.004	1.080	1.126	1.081	1.091	1.076	4.12
56) T	Isopropylbenzene	1.591	1.659	1.684	1.619	1.646	1.640	2.20
57) S	1,1,2,2-Tetrachloro	0.508	0.531	0.549	0.545	0.550	0.537	3.24
58) T	1,1,2,2-Tetrachloro	0.526	0.582	0.560	0.553	0.561	0.556	3.58
59)	1,2,3-Trichloroprop	0.420	0.458	0.441	0.425	0.435	0.436	3.42
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.479	0.499	0.539	0.533	0.562	0.522	6.34
62) T	1,3-Dichlorobenzene	1.528	1.543	1.565	1.510	1.543	1.538	1.33
63) T	1,4-Dichlorobenzene	1.572	1.651	1.597	1.524	1.571	1.583	2.91
64) S	1,2-Dichlorobenzene	0.898	0.901	0.947	0.922	0.936	0.921	2.35
65) T	1,2-Dichlorobenzene	1.549	1.535	1.549	1.461	1.506	1.520	2.46
66) T	1,2-Dibromo-3-chlor	0.241	0.236	0.243	0.237	0.251	0.242	2.46
67)	1,3,5-Trichlorobenz	0.992	1.025	1.056	1.028	1.080	1.036	3.20
68) T	1,2,4-trichlorobenz	0.864	0.912	0.971	0.951	1.008	0.941	5.88
69)	Naphthalene	2.451	2.904	3.114	3.149	3.284	2.980	10.93
70) T	1,2,3-Trichlorobenz	0.836	0.898	0.932	0.914	0.954	0.907	4.94

(#) = Out of Range