

Method Path : Z:\VOASRV\HPCHEM1\MSV0A V\METHOD\
 Method File : SOMVLM080820WMA.M
 Title : VOC Analysis
 Last Update : Mon Aug 10 02:29:56 2020
 Response Via : Initial Calibration

Calibration Files

5 =VV017847.D 10 =VV017848.D 50 =VV017849.D
 100 =VV017850.D 200 =VV017851.D

	Compound	5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.380	0.391	0.400	0.412	0.405	0.398	3.16
3) T	Chloromethane	0.271	0.260	0.244	0.241	0.240	0.252	5.48
4) S	Vinyl Chloride-d3	0.271	0.222	0.255	0.272	0.271	0.258	8.23
5) T	Vinyl chloride	0.295	0.296	0.285	0.293	0.292	0.292	1.45
6) T	Bromomethane	0.209	0.193	0.190	0.196	0.206	0.199	4.17
7) S	Chloroethane-d5	0.226	0.210	0.212	0.226	0.222	0.219	3.43
8) T	Chloroethane	0.205	0.175	0.181	0.183	0.179	0.184	6.27
9) T	Trichlorofluorometh	0.747	0.717	0.700	0.731	0.699	0.719	2.86
10) T	1,1,2-Trichloro-1,2	0.345	0.304	0.316	0.315	0.318	0.319	4.74
11) S	1,1-Dichloroethene-	0.613	0.587	0.608	0.650	0.644	0.620	4.22
12) T	1,1-Dichloroethene	0.309	0.301	0.282	0.292	0.289	0.295	3.59
13) T	Acetone	0.255	0.216	0.186	0.200	0.194	0.210	12.91
14) T	Carbon disulfide	0.597	0.588	0.687	0.749	0.773	0.679	12.47
15) T	Methyl Acetate	0.247	0.209	0.227	0.236	0.241	0.232	6.35
16) T	Methylene chloride	0.320	0.322	0.304	0.301	0.302	0.310	3.38
17) T	trans-1,2-Dichloroe	0.304	0.312	0.286	0.300	0.301	0.301	3.09
18) T	Methyl tert-butyl E	1.043	1.007	1.028	1.042	1.055	1.035	1.80
19) T	1,1-Dichloroethane	0.499	0.486	0.494	0.502	0.500	0.496	1.28
20) T	cis-1,2-Dichloroeth	0.332	0.304	0.324	0.329	0.336	0.325	3.86
21) S	2-Butanone-d5	0.149	0.148	0.159	0.173	0.179	0.162	8.61
22) T	2-Butanone	0.192	0.165	0.176	0.187	0.193	0.183	6.39
23) T	Bromochloromethane	0.198	0.189	0.193	0.196	0.195	0.194	1.76
24) S	Chloroform-d	0.682	0.634	0.667	0.704	0.699	0.677	4.19
25) T	Chloroform	0.633	0.653	0.632	0.640	0.634	0.638	1.40
26) S	1,2-Dichloroethane-	0.469	0.465	0.494	0.520	0.511	0.492	4.98
27) T	1,2-Dichloroethane	0.593	0.578	0.563	0.573	0.575	0.576	1.93

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.392	0.391	0.399	0.405	0.405	0.398	1.65
30) T	1,1,1-Trichloroetha	0.720	0.696	0.695	0.701	0.686	0.700	1.78
31) T	Carbon tetrachlorid	0.614	0.618	0.620	0.638	0.633	0.625	1.64
32) S	Benzene-d6	1.143	1.090	1.159	1.211	1.170	1.155	3.79
33) T	Benzene	1.194	1.194	1.188	1.183	1.154	1.182	1.40
34) T	Trichloroethene	0.357	0.356	0.359	0.364	0.349	0.357	1.48
35) T	Methylcyclohexane	0.493	0.499	0.522	0.523	0.506	0.509	2.63
36) S	1,2-Dichloropropane	0.295	0.264	0.291	0.312	0.302	0.293	6.14
37) T	1,2-Dichloropropane	0.263	0.258	0.254	0.259	0.259	0.259	1.22
38) T	Bromodichloromethan	0.462	0.435	0.480	0.482	0.489	0.470	4.64
39) T	cis-1,3-Dichloropro	0.371	0.373	0.467	0.492	0.520	0.445	15.50
40) T	4-Methyl-2-pentanone	0.316	0.330	0.340	0.349	0.351	0.337	4.31
41) S	Toluene-d8	1.114	1.077	1.179	1.232	1.201	1.160	5.47
42) T	Toluene	1.375	1.366	1.384	1.395	1.371	1.378	0.84
43) S	trans-1,3-Dichlorop	0.144	0.149	0.199	0.225	0.226	0.189	21.08
44) T	trans-1,3-Dichlorop	0.335	0.394	0.505	0.543	0.560	0.467	21.00
45) T	1,1,2-Trichloroetha	0.337	0.337	0.316	0.322	0.316	0.325	3.27
46) T	Tetrachloroethene	0.345	0.323	0.345	0.340	0.332	0.337	2.80
47) S	2-Hexanone-d5	0.085	0.084	0.111	0.124	0.126	0.106	19.15
48) T	2-Hexanone	0.282	0.273	0.277	0.285	0.295	0.282	2.91
49) T	Dibromochloromethan	0.300	0.325	0.371	0.401	0.414	0.362	13.46
50) T	1,2-Dibromoethane	0.365	0.354	0.354	0.362	0.358	0.359	1.35
51) T	Chlorobenzene	0.968	0.930	0.964	0.978	0.954	0.959	1.89
52) T	Ethylbenzene	1.513	1.501	1.631	1.647	1.627	1.584	4.46

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	Compound	5	10	50	100	200	Avg	%RSD
53) T	m,p-Xylene	0.595	0.598	0.624	0.636	0.625	0.616	2.96
54) T	o-xylene	0.589	0.582	0.608	0.632	0.612	0.605	3.23
55) T	Styrene	0.997	0.962	1.045	1.094	1.085	1.037	5.46
56) T	Isopropylbenzene	1.599	1.577	1.695	1.748	1.735	1.671	4.70
57) S	1,1,2,2-Tetrachloro	0.450	0.416	0.456	0.475	0.485	0.456	5.80
58) T	1,1,2,2-Tetrachloro	0.432	0.416	0.430	0.455	0.458	0.438	4.05
59)	1,2,3-Trichloroprop	0.418	0.373	0.389	0.404	0.406	0.398	4.31
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.353	0.367	0.419	0.489	0.521	0.430	17.18
62) T	1,3-Dichlorobenzene	1.599	1.468	1.553	1.548	1.475	1.529	3.64
63) T	1,4-Dichlorobenzene	1.617	1.543	1.559	1.552	1.494	1.553	2.83
64) S	1,2-Dichlorobenzene	1.070	0.975	1.010	1.046	0.995	1.019	3.78
65) T	1,2-Dichlorobenzene	1.649	1.559	1.522	1.543	1.503	1.555	3.63
66) T	1,2-Dibromo-3-chlor	0.199	0.157	0.203	0.230	0.228	0.204	14.53
67)	1,3,5-Trichlorobenz	1.217	1.201	1.270	1.306	1.218	1.242	3.52
68) T	1,2,4-trichlorobenz	1.030	0.981	1.153	1.176	1.102	1.088	7.54
69)	Naphthalene	2.568	2.424	2.941	3.041	2.921	2.779	9.62
70) T	1,2,3-Trichlorobenz	1.060	1.065	1.150	1.149	1.069	1.098	4.24

(#) = Out of Range