

Method Path : Z:\VOASRV\HPCHEM1\MSV0A_V\METHOD\
 Method File : SOMVLM121020WMA.M
 Title : VOC Analysis
 Last Update : Thu Dec 10 15:38:00 2020
 Response Via : Initial Calibration

Calibration Files

5 =VV019506.D 10 =VV019507.D 50 =VV019511.D
 100 =VV019509.D 200 =VV019510.D

	Compound	5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.383	0.396	0.430	0.406	0.402	0.404	4.29
3) T	Chloromethane	0.410	0.440	0.436	0.432	0.427	0.429	2.70
4) S	Vinyl Chloride-d3	0.339	0.354	0.375	0.367	0.357	0.359	3.83
5) T	Vinyl chloride	0.409	0.439	0.446	0.426	0.431	0.430	3.26
6) T	Bromomethane	0.241	0.263	0.272	0.259	0.258	0.258	4.42
7) S	Chloroethane-d5	0.262	0.280	0.295	0.295	0.282	0.283	4.76
8) T	Chloroethane	0.246	0.266	0.268	0.260	0.258	0.259	3.23
9) T	Trichlorofluorometh	0.502	0.539	0.561	0.522	0.504	0.526	4.69
10) T	1,1,2-Trichloro-1,2	0.272	0.284	0.312	0.294	0.290	0.290	5.09
11) S	1,1-Dichloroethene-	0.626	0.667	0.695	0.679	0.660	0.665	3.90
12) T	1,1-Dichloroethene	0.283	0.302	0.307	0.297	0.301	0.298	3.03
13) T	Acetone	0.168	0.167	0.159	0.175	0.161	0.166	3.91
14) T	Carbon disulfide	0.935	0.997	1.032	0.939	0.992	0.979	4.23
15) T	Methyl Acetate	0.314	0.364	0.365	0.391	0.375	0.362	7.96
16) T	Methylene chloride	0.351	0.357	0.349	0.344	0.344	0.349	1.52
17) T	trans-1,2-Dichloroe	0.301	0.333	0.339	0.326	0.334	0.326	4.56
18) T	Methyl tert-butyl E	1.071	1.173	1.162	1.157	1.141	1.141	3.56
19) T	1,1-Dichloroethane	0.607	0.646	0.640	0.637	0.635	0.633	2.43
20) T	cis-1,2-Dichloroeth	0.331	0.365	0.369	0.363	0.367	0.359	4.38
21) S	2-Butanone-d5	0.151	0.193	0.201	0.223	0.206	0.195	13.83
22) T	2-Butanone	0.189	0.235	0.249	0.277	0.268	0.244	14.29
23) T	Bromochloromethane	0.165	0.180	0.181	0.178	0.179	0.177	3.75
24) S	Chloroform-d	0.605	0.639	0.664	0.674	0.649	0.646	4.12
25) T	Chloroform	0.598	0.652	0.643	0.635	0.634	0.632	3.24
26) S	1,2-Dichloroethane-	0.380	0.425	0.436	0.444	0.427	0.422	5.90
27) T	1,2-Dichloroethane	0.496	0.534	0.529	0.532	0.528	0.524	2.97

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.570	0.612	0.653	0.618	0.611	0.613	4.80
30) T	1,1,1-Trichloroetha	0.607	0.637	0.642	0.628	0.621	0.627	2.22
31) T	Carbon tetrachlorid	0.499	0.543	0.550	0.527	0.528	0.529	3.74
32) S	Benzene-d6	1.232	1.349	1.379	1.389	1.318	1.334	4.72
33) T	Benzene	1.410	1.497	1.485	1.473	1.441	1.461	2.42
34) T	Trichloroethene	0.376	0.393	0.392	0.382	0.387	0.386	1.84
35) T	Methylcyclohexane	0.552	0.571	0.628	0.597	0.584	0.586	4.85
36) S	1,2-Dichloropropane	0.380	0.414	0.436	0.438	0.420	0.418	5.60
37) T	1,2-Dichloropropane	0.353	0.390	0.391	0.390	0.384	0.382	4.23
38) T	Bromodichloromethan	0.512	0.541	0.540	0.541	0.535	0.534	2.36
39) T	cis-1,3-Dichloropro	0.568	0.617	0.646	0.669	0.669	0.634	6.70
40) T	4-Methyl-2-pentanone	0.493	0.563	0.548	0.590	0.559	0.551	6.53
41) S	Toluene-d8	1.131	1.177	1.249	1.247	1.198	1.201	4.14
42) T	Toluene	1.468	1.571	1.581	1.551	1.530	1.540	2.93
43) S	trans-1,3-Dichlorop	0.220	0.230	0.243	0.250	0.244	0.238	5.16
44) T	trans-1,3-Dichlorop	0.607	0.641	0.651	0.654	0.655	0.642	3.12
45) T	1,1,2-Trichloroetha	0.353	0.375	0.364	0.362	0.358	0.362	2.19
46) T	Tetrachloroethene	0.256	0.267	0.279	0.266	0.267	0.267	3.07
47) S	2-Hexanone-d5	0.140	0.159	0.163	0.186	0.171	0.164	10.45
48) T	2-Hexanone	0.380	0.410	0.413	0.455	0.431	0.418	6.67
49) T	Dibromochloromethan	0.361	0.396	0.406	0.410	0.411	0.397	5.20
50) T	1,2-Dibromoethane	0.352	0.384	0.390	0.393	0.389	0.382	4.45
51) T	Chlorobenzene	0.929	1.013	1.002	0.991	0.982	0.984	3.32
52) T	Ethylbenzene	1.655	1.795	1.807	1.772	1.745	1.755	3.46

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	Compound	5	10	50	100	200	Avg	%RSD
53) T	m,p-Xylene	0.614	0.654	0.683	0.666	0.661	0.656	3.86
54) T	o-xylene	0.597	0.651	0.661	0.654	0.650	0.643	4.01
55) T	Styrene	1.031	1.115	1.161	1.150	1.143	1.120	4.70
56) T	Isopropylbenzene	1.610	1.744	1.781	1.734	1.691	1.712	3.82
57) S	1,1,2,2-Tetrachloro	0.521	0.572	0.562	0.598	0.572	0.565	4.98
58) T	1,1,2,2-Tetrachloro	0.561	0.590	0.576	0.598	0.589	0.583	2.46
59) MA	1,2,3-Trichloroprop	0.450	0.485	0.471	0.491	0.477	0.475	3.32
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.486	0.550	0.558	0.590	0.582	0.553	7.38
62) T	1,3-Dichlorobenzene	1.462	1.558	1.574	1.547	1.530	1.534	2.83
63) T	1,4-Dichlorobenzene	1.494	1.572	1.591	1.556	1.555	1.553	2.33
64) S	1,2-Dichlorobenzene	0.897	0.951	0.943	0.961	0.920	0.935	2.75
65) T	1,2-Dichlorobenzene	1.418	1.541	1.553	1.546	1.520	1.516	3.68
66) T	1,2-Dibromo-3-chlor	0.279	0.317	0.313	0.344	0.329	0.316	7.64
67) MA	1,3,5-Trichlorobenz	1.018	1.074	1.126	1.113	1.089	1.084	3.86
68) T	1,2,4-trichlorobenz	0.918	0.995	1.059	1.051	1.044	1.013	5.81
69) MA	Naphthalene	2.954	3.467	3.660	3.865	3.647	3.519	9.82
70) T	1,2,3-Trichlorobenz	0.896	0.992	1.029	1.032	1.002	0.990	5.60

(#) = Out of Range