

Method Path : Z:\VOASRV\HPCHEM1\MSV0A V\METHOD\
 Method File : SOMVLM072120WMA.M
 Title : VOC Analysis
 Last Update : Wed Jul 22 03:04:30 2020
 Response Via : Initial Calibration

Calibration Files

5 =VV017561.D 10 =VV017562.D 50 =VV017563.D
 100 =VV017564.D 200 =VV017565.D

	Compound	5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.571	0.516	0.515	0.503	0.481	0.517	6.45
3) T	Chloromethane	0.431	0.408	0.389	0.373	0.368	0.394	6.56
4) S	Vinyl Chloride-d3	0.320	0.301	0.304	0.308	0.293	0.305	3.28
5) T	Vinyl chloride	0.401	0.383	0.378	0.363	0.357	0.376	4.66
6) T	Bromomethane	0.268	0.254	0.227	0.220	0.209	0.236	10.47
7) S	Chloroethane-d5	0.247	0.209	0.198	0.202	0.193	0.210	10.23
8) T	Chloroethane	0.237	0.193	0.182	0.179	0.173	0.193	13.35
9) T	Trichlorofluorometh	0.662	0.632	0.627	0.618	0.580	0.624	4.76
10) T	1,1,2-Trichloro-1,2	0.331	0.317	0.305	0.299	0.287	0.308	5.49
11) S	1,1-Dichloroethene-	0.652	0.591	0.613	0.612	0.602	0.614	3.74
12) T	1,1-Dichloroethene	0.295	0.295	0.287	0.277	0.273	0.285	3.65
13) T	Acetone	0.275	0.207	0.208	0.176	0.187	0.211	18.31
14) T	Carbon disulfide	1.146	1.023	1.009	1.002	0.990	1.034	6.16
15) T	Methyl Acetate	0.356	0.341	0.365	0.360	0.373	0.359	3.31
16) T	Methylene chloride	0.417	0.386	0.369	0.359	0.356	0.378	6.69
17) T	trans-1,2-Dichloroe	0.398	0.356	0.348	0.343	0.341	0.357	6.56
18) T	Methyl tert-butyl E	1.274	1.182	1.180	1.157	1.175	1.194	3.84
19) T	1,1-Dichloroethane	0.669	0.658	0.641	0.628	0.622	0.644	3.04
20) T	cis-1,2-Dichloroeth	0.411	0.372	0.381	0.376	0.377	0.383	4.05
21) S	2-Butanone-d5	0.220	0.213	0.238	0.245	0.251	0.233	7.11
22) T	2-Butanone	0.262	0.249	0.272	0.261	0.265	0.262	3.07
23) T	Bromochloromethane	0.232	0.207	0.205	0.207	0.204	0.211	5.59
24) S	Chloroform-d	0.725	0.657	0.702	0.714	0.706	0.701	3.69
25) T	Chloroform	0.720	0.701	0.691	0.677	0.680	0.694	2.50
26) S	1,2-Dichloroethane-	0.526	0.439	0.477	0.481	0.479	0.480	6.45
27) T	1,2-Dichloroethane	0.632	0.574	0.579	0.574	0.586	0.589	4.17

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.648	0.593	0.616	0.596	0.569	0.604	4.87
30) T	1,1,1-Trichloroetha	0.729	0.683	0.696	0.684	0.658	0.690	3.73
31) T	Carbon tetrachlorid	0.649	0.632	0.623	0.617	0.595	0.623	3.16
32) S	Benzene-d6	1.400	1.278	1.331	1.352	1.315	1.335	3.40
33) T	Benzene	1.565	1.458	1.476	1.443	1.408	1.470	4.01
34) T	Trichloroethene	0.439	0.408	0.400	0.394	0.384	0.405	5.14
35) T	Methylcyclohexane	0.659	0.631	0.643	0.630	0.598	0.632	3.55
36) S	1,2-Dichloropropane	0.416	0.382	0.404	0.408	0.394	0.401	3.24
37) T	1,2-Dichloropropane	0.407	0.389	0.369	0.358	0.357	0.376	5.68
38) T	Bromodichloromethan	0.569	0.555	0.561	0.546	0.539	0.554	2.09
39) T	cis-1,3-Dichloropro	0.671	0.554	0.639	0.640	0.644	0.630	7.02
40) T	4-Methyl-2-pentanone	0.530	0.506	0.530	0.514	0.520	0.520	2.05
41) S	Toluene-d8	1.280	1.199	1.280	1.289	1.253	1.260	2.92
42) T	Toluene	1.690	1.623	1.631	1.582	1.549	1.615	3.31
43) S	trans-1,3-Dichlorop	0.227	0.217	0.233	0.239	0.243	0.232	4.41
44) T	trans-1,3-Dichlorop	0.633	0.590	0.636	0.637	0.645	0.628	3.46
45) T	1,1,2-Trichloroetha	0.406	0.384	0.377	0.367	0.361	0.379	4.59
46) T	Tetrachloroethene	0.361	0.348	0.348	0.337	0.326	0.344	3.79
47) S	2-Hexanone-d5	0.171	0.158	0.193	0.198	0.199	0.184	9.86
48) T	2-Hexanone	0.411	0.407	0.432	0.409	0.411	0.414	2.41
49) T	Dibromochloromethan	0.480	0.452	0.464	0.455	0.461	0.462	2.39
50) T	1,2-Dibromoethane	0.441	0.406	0.414	0.400	0.402	0.412	4.04
51) T	Chlorobenzene	1.165	1.067	1.069	1.038	1.020	1.072	5.22
52) T	Ethylbenzene	1.860	1.775	1.827	1.806	1.770	1.808	2.07

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	Compound	5	10	50	100	200	Avg	%RSD

53) T	m,p-Xylene	0.703	0.683	0.705	0.693	0.680	0.693	1.63
54) T	o-xylene	0.700	0.652	0.688	0.667	0.657	0.673	3.07
55) T	Styrene	1.150	1.080	1.178	1.155	1.159	1.145	3.27
56) T	Isopropylbenzene	1.825	1.785	1.883	1.834	1.790	1.824	2.16
57) S	1,1,2,2-Tetrachloro	0.595	0.546	0.575	0.570	0.565	0.570	3.08
58) T	1,1,2,2-Tetrachloro	0.641	0.594	0.607	0.575	0.573	0.598	4.62
59)	1,2,3-Trichloroprop	0.540	0.491	0.488	0.479	0.475	0.495	5.33
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.688	0.631	0.661	0.636	0.648	0.653	3.50
62) T	1,3-Dichlorobenzene	1.809	1.699	1.689	1.604	1.593	1.679	5.20
63) T	1,4-Dichlorobenzene	1.946	1.690	1.704	1.625	1.602	1.714	8.00
64) S	1,2-Dichlorobenzene	1.126	0.995	1.054	1.018	0.992	1.037	5.36
65) T	1,2-Dichlorobenzene	1.850	1.732	1.733	1.611	1.583	1.702	6.31
66) T	1,2-Dibromo-3-chlor	0.301	0.259	0.294	0.274	0.280	0.282	5.89
67)	1,3,5-Trichlorobenz	1.457	1.291	1.333	1.285	1.261	1.325	5.87
68) T	1,2,4-trichlorobenz	1.278	1.094	1.185	1.167	1.153	1.176	5.66
69)	Naphthalene	3.254	2.880	3.488	3.412	3.420	3.291	7.45
70) T	1,2,3-Trichlorobenz	1.283	1.119	1.204	1.139	1.134	1.176	5.79

(#) = Out of Range