

Method Path : Z:\VOASRV\HPCHEM1\MSV0A V\METHOD\
 Method File : SOMVLM060820WMA.M
 Title : VOC Analysis
 Last Update : Tue Jun 09 00:44:05 2020
 Response Via : Initial Calibration

Calibration Files

5 =VV016648.D 10 =VV016649.D 50 =VV016650.D
 100 =VV016651.D 200 =VV016652.D

	Compound	5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.401	0.409	0.406	0.389	0.376	0.396	3.40
3) T	Chloromethane	0.385	0.369	0.367	0.352	0.340	0.363	4.75
4) S	Vinyl Chloride-d3	0.332	0.337	0.377	0.360	0.357	0.353	5.17
5) T	Vinyl chloride	0.349	0.358	0.377	0.348	0.350	0.356	3.45
6) T	Bromomethane	0.197	0.137	0.138	0.135	0.136	0.148	18.14
7) S	Chloroethane-d5	0.244	0.171	0.228	0.237	0.177	0.212	16.33
8) T	Chloroethane	0.201	0.167	0.189	0.182	0.142	0.176	12.92
9) T	Trichlorofluorometh	0.553	0.528	0.551	0.521	0.516	0.533	3.23
10) T	1,1,2-Trichloro-1,2	0.268	0.271	0.273	0.261	0.256	0.266	2.67
11) S	1,1-Dichloroethene-	0.579	0.573	0.617	0.599	0.595	0.592	2.93
12) T	1,1-Dichloroethene	0.250	0.256	0.256	0.241	0.238	0.248	3.35
13) T	Acetone	0.187	0.167	0.165	0.172	0.168	0.172	5.14
14) T	Carbon disulfide	0.911	0.848	0.917	0.903	0.914	0.899	3.21
15) T	Methyl Acetate	0.383	0.382	0.392	0.376	0.385	0.383	1.50
16) T	Methylene chloride	0.402	0.361	0.370	0.346	0.342	0.364	6.64
17) T	trans-1,2-Dichloroe	0.359	0.339	0.342	0.328	0.323	0.338	4.10
18) T	Methyl tert-butyl E	1.137	1.093	1.158	1.111	1.107	1.121	2.33
19) T	1,1-Dichloroethane	0.655	0.635	0.655	0.622	0.616	0.637	2.86
20) T	cis-1,2-Dichloroeth	0.372	0.366	0.379	0.364	0.363	0.369	1.85
21) S	2-Butanone-d5	0.226	0.237	0.285	0.276	0.283	0.261	10.65
22) T	2-Butanone	0.242	0.248	0.280	0.278	0.279	0.265	6.99
23) T	Bromochloromethane	0.203	0.192	0.198	0.191	0.187	0.194	3.12
24) S	Chloroform-d	0.669	0.686	0.752	0.748	0.733	0.717	5.29
25) T	Chloroform	0.645	0.660	0.678	0.647	0.643	0.655	2.25
26) S	1,2-Dichloroethane-	0.465	0.462	0.512	0.502	0.498	0.488	4.65
27) T	1,2-Dichloroethane	0.540	0.556	0.569	0.540	0.540	0.549	2.40

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.632	0.612	0.637	0.616	0.610	0.621	1.98
30) T	1,1,1-Trichloroetha	0.634	0.630	0.651	0.631	0.642	0.638	1.39
31) T	Carbon tetrachlorid	0.519	0.550	0.569	0.552	0.568	0.552	3.71
32) S	Benzene-d6	1.304	1.377	1.534	1.501	1.490	1.441	6.73
33) T	Benzene	1.494	1.508	1.517	1.437	1.439	1.479	2.58
34) T	Trichloroethene	0.414	0.401	0.399	0.384	0.385	0.397	3.18
35) T	Methylcyclohexane	0.621	0.625	0.626	0.618	0.621	0.622	0.51
36) S	1,2-Dichloropropane	0.406	0.427	0.480	0.470	0.463	0.449	7.01
37) T	1,2-Dichloropropane	0.389	0.374	0.396	0.382	0.382	0.385	2.12
38) T	Bromodichloromethan	0.489	0.502	0.531	0.510	0.528	0.512	3.44
39) T	cis-1,3-Dichloropro	0.527	0.575	0.623	0.615	0.648	0.598	7.96
40) T	4-Methyl-2-pentanone	0.491	0.526	0.582	0.553	0.573	0.545	6.78
41) S	Toluene-d8	1.182	1.262	1.408	1.391	1.370	1.323	7.33
42) T	Toluene	1.517	1.594	1.612	1.532	1.542	1.560	2.66
43) S	trans-1,3-Dichlorop	0.203	0.211	0.242	0.253	0.261	0.234	11.09
44) T	trans-1,3-Dichlorop	0.509	0.535	0.618	0.611	0.631	0.581	9.45
45) T	1,1,2-Trichloroetha	0.367	0.384	0.378	0.366	0.360	0.371	2.59
46) T	Tetrachloroethene	0.327	0.307	0.315	0.305	0.306	0.312	2.97
47) S	2-Hexanone-d5	0.142	0.164	0.218	0.223	0.233	0.196	20.66
48) T	2-Hexanone	0.392	0.397	0.444	0.436	0.444	0.423	6.14
49) T	Dibromochloromethan	0.362	0.377	0.415	0.408	0.423	0.397	6.59
50) T	1,2-Dibromoethane	0.382	0.389	0.398	0.385	0.390	0.389	1.57
51) T	Chlorobenzene	1.030	1.052	1.026	0.991	0.989	1.017	2.64
52) T	Ethylbenzene	1.643	1.728	1.810	1.727	1.730	1.727	3.42

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	Compound	5	10	50	100	200	Avg	%RSD

53) T	m,p-Xylene	0.610	0.626	0.683	0.652	0.645	0.643	4.29
54) T	o-xylene	0.606	0.652	0.660	0.630	0.623	0.634	3.47
55) T	Styrene	0.990	1.054	1.135	1.093	1.091	1.072	5.06
56) T	Isopropylbenzene	1.613	1.711	1.790	1.714	1.694	1.704	3.71
57) S	1,1,2,2-Tetrachloro	0.544	0.557	0.640	0.614	0.618	0.595	7.01
58) T	1,1,2,2-Tetrachloro	0.562	0.568	0.587	0.559	0.569	0.569	1.96
59)	1,2,3-Trichloroprop	0.496	0.468	0.486	0.465	0.471	0.477	2.74

60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.444	0.459	0.548	0.549	0.572	0.514	11.33
62) T	1,3-Dichlorobenzene	1.637	1.591	1.632	1.542	1.516	1.584	3.40
63) T	1,4-Dichlorobenzene	1.647	1.677	1.646	1.549	1.537	1.611	3.96
64) S	1,2-Dichlorobenzene	1.027	1.026	1.124	1.091	1.068	1.067	3.96
65) T	1,2-Dichlorobenzene	1.584	1.603	1.654	1.559	1.536	1.587	2.85
66) T	1,2-Dibromo-3-chlor	0.219	0.224	0.265	0.262	0.277	0.250	10.40
67)	1,3,5-Trichlorobenz	1.160	1.155	1.199	1.208	1.183	1.181	1.96
68) T	1,2,4-trichlorobenz	1.012	1.022	1.121	1.124	1.138	1.083	5.64
69)	Naphthalene	2.714	2.854	3.394	3.290	3.327	3.116	9.93
70) T	1,2,3-Trichlorobenz	1.032	0.990	1.110	1.086	1.081	1.060	4.55

(#) = Out of Range