

Method Path : Z:\voasrv\HPCHEM1\MSVOA_W\Method\
 Method File : SOM2WLM031921S.M
 Title : VOC Analysis
 Last Update : Thu Mar 18 17:46:51 2021
 Response Via : Initial Calibration

Calibration Files

2.5 =VW018369.D 5 =VW018370.D 25 =VW018371.D 50 =VW018372.D 100 =VW018373.D

Compound		2.5	5	25	50	100	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoro...	0.312	0.265	0.248	0.285	0.325	0.287	11.08
3) T	Chloromethane	0.391	0.335	0.358	0.360	0.366	0.362	5.61
4) S	Vinyl Chloride-d3	0.360	0.342	0.376	0.332	0.330	0.348	5.61
5) T	Vinyl chloride	0.495	0.457	0.487	0.475	0.463	0.475	3.33
6) T	Bromomethane	0.369	0.332	0.351	0.344	0.320	0.343	5.42
7) S	Chloroethane-d5	0.337	0.302	0.317	0.285	0.281	0.305	7.64
8) T	Chloroethane	0.324	0.286	0.300	0.290	0.283	0.296	5.66
9) T	Trichlorofluorom...	0.248	0.210	0.238	0.257	0.243	0.239	7.51
10) S	1,1-Dichloroethe...	0.649	0.577	0.625	0.585	0.568	0.601	5.74
11) T	1,1,2-Trichloro-...	0.327	0.284	0.313	0.309	0.304	0.307	5.09
12) T	1,1-Dichloroethene	0.332	0.297	0.315	0.317	0.307	0.314	4.10
13) T	Acetone	0.067	0.061	0.055	0.053	0.042	0.056	16.83
14) T	Carbon disulfide	0.960	0.892	0.949	0.974	0.950	0.945	3.33
15) T	Methyl Acetate	0.132	0.123	0.137	0.136	0.109	0.127	8.97
16) T	Methylene chloride	0.645	0.423	0.346	0.333	0.303	0.410	33.82
17) T	Methyl tert-buty...	0.508	0.441	0.470	0.472	0.401	0.458	8.76
18) T	trans-1,2-Dichlo...	0.364	0.337	0.344	0.353	0.334	0.346	3.49
19) T	1,1-Dichloroethane	0.624	0.575	0.592	0.597	0.568	0.591	3.72
20) S	2-Butanone-d5	0.080	0.074	0.087	0.081	0.066	0.077	10.26
21) S	2-Butanone	0.101	0.091	0.090	0.089	0.070	0.088	12.65
22) T	cis-1,2-Dichloro...	0.390	0.343	0.365	0.372	0.351	0.364	4.99
23) T	Bromochloromethane	0.173	0.160	0.159	0.165	0.149	0.161	5.53
24) S	Chloroform-d	0.670	0.612	0.679	0.621	0.602	0.637	5.56
25) T	Chloroform	0.673	0.606	0.628	0.634	0.595	0.627	4.78
26) S	1,2-Dichloroetha...	0.410	0.357	0.404	0.361	0.327	0.372	9.42
27) T	1,2-Dichloroethane	0.479	0.437	0.457	0.452	0.400	0.445	6.57

28) I	Chlorobenzene-d5	-----ISTD-----						
29) S	Benzene-d6	1.426	1.324	1.412	1.275	1.209	1.329	6.89
30) T	Cyclohexane	0.650	0.585	0.593	0.586	0.553	0.593	5.91
31) T	1,1,1-Trichloroe...	0.609	0.542	0.553	0.565	0.526	0.559	5.61
32) T	Carbon tetrachlo...	0.539	0.496	0.525	0.535	0.509	0.521	3.44
33) S	1,2-Dichloroprop...	0.412	0.379	0.410	0.369	0.347	0.383	7.19
34) T	Benzene	1.492	1.434	1.487	1.458	1.369	1.448	3.46
35) T	Trichloroethene	0.428	0.385	0.404	0.399	0.384	0.400	4.51
36) T	Methylcyclohexane	0.724	0.696	0.711	0.706	0.666	0.700	3.09
37) S	Toluene-d8	1.336	1.254	1.364	1.231	1.213	1.280	5.21
38) S	trans-1,3-Dichlo...	0.193	0.191	0.220	0.200	0.184	0.198	7.00
39) S	2-Hexanone-d5	0.078	0.071	0.085	0.077	0.064	0.075	10.54
40) T	1,2-Dichloropropane	0.382	0.356	0.360	0.351	0.322	0.354	6.15
41) T	Bromodichloromet...	0.519	0.482	0.514	0.514	0.473	0.501	4.25
42) T	cis-1,3-Dichloro...	0.597	0.586	0.620	0.622	0.569	0.599	3.80
43) T	4-Methyl-2-penta...	0.227	0.211	0.222	0.223	0.181	0.213	8.79
44) T	Toluene	1.756	1.590	1.646	1.674	1.564	1.646	4.59
45) T	trans-1,3-Dichlo...	0.523	0.515	0.571	0.566	0.513	0.538	5.25
46) T	1,1,2-Trichloroe...	0.302	0.273	0.293	0.290	0.254	0.282	6.71
47) T	Tetrachloroethene	0.322	0.294	0.305	0.305	0.293	0.304	3.93
48) S	1,1,2,2-Tetrachl...	0.353	0.338	0.382	0.341	0.301	0.343	8.46
49) T	2-Hexanone	0.164	0.147	0.158	0.160	0.125	0.151	10.45
50) T	Dibromochloromet...	0.330	0.314	0.340	0.359	0.323	0.333	5.24
51) T	1,2-Dibromoethane	0.289	0.272	0.286	0.295	0.257	0.280	5.47
52) T	Chlorobenzene	1.093	0.998	1.056	1.063	1.008	1.044	3.82
53) T	Ethylbenzene	1.925	1.786	1.868	1.892	1.808	1.856	3.13
54) T	m,p-Xylene	0.723	0.673	0.719	0.728	0.703	0.709	3.15
55) T	o-xylene	0.664	0.645	0.700	0.694	0.678	0.676	3.33
56) T	Styrene	1.110	1.060	1.209	1.215	1.170	1.153	5.77

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57)	T	Isopropylbenzene	1.829	1.743	1.852	1.941	1.828	1.839	3.84
58)	T	1,1,2,2-Tetrachl...	0.356	0.334	0.359	0.359	0.302	0.342	7.17
59)		1,2,3-Trichlorop...	0.268	0.252	0.272	0.274	0.226	0.258	7.78
60)	I	1,4-Dichlorobenzen...	-----ISTD-----						
61)	S	1,2-Dichlorobenz...	0.936	0.865	0.976	0.851	0.816	0.889	7.37
62)	T	Bromoform	0.360	0.364	0.392	0.423	0.378	0.383	6.66
63)	T	1,3-Dichlorobenzene	1.635	1.598	1.580	1.648	1.540	1.600	2.71
64)	T	1,4-Dichlorobenzene	1.724	1.616	1.605	1.580	1.548	1.615	4.11
65)	T	1,2-Dichlorobenzene	1.505	1.423	1.457	1.402	1.363	1.430	3.79
66)	T	1,2-Dibromo-3-ch...	0.136	0.130	0.137	0.133	0.111	0.129	8.33
67)		1,3,5-Trichlorob...	1.190	1.178	1.166	1.140	1.096	1.154	3.24
68)	T	1,2,4-trichlorob...	1.038	1.012	1.000	0.922	0.938	0.982	5.07
69)		Naphthalene	2.078	2.051	2.117	2.109	1.867	2.044	5.02
70)	T	1,2,3-Trichlorob...	0.912	0.852	0.873	0.843	0.804	0.857	4.61

(#) = Out of Range