

Method Path : Z:\voasrv\HPCHEM1\MSVOA_W\Method\
 Method File : SOM2WLM012921S.M
 Title : VOC Analysis
 Last Update : Fri Jan 29 16:24:54 2021
 Response Via : Initial Calibration

Calibration Files

2.5 =VW017999.D 5 =VW018000.D 25 =VW018001.D 50 =VW018002.D 100 =VW018003.D

Compound		2.5	5	25	50	100	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoro...	0.340	0.334	0.359	0.328	0.330	0.338	3.73
3) T	Chloromethane	0.239	0.229	0.265	0.253	0.259	0.249	5.92
4) S	Vinyl Chloride-d3	0.340	0.338	0.310	0.282	0.283	0.311	9.03
5) T	Vinyl chloride	0.327	0.339	0.378	0.341	0.333	0.344	5.84
6) T	Bromomethane	0.252	0.240	0.256	0.241	0.233	0.244	3.85
7) S	Chloroethane-d5	0.268	0.266	0.244	0.228	0.228	0.247	8.03
8) T	Chloroethane	0.207	0.199	0.221	0.203	0.197	0.205	4.63
9) T	Trichlorofluorom...	0.237	0.230	0.264	0.254	0.257	0.248	5.70
10) S	1,1-Dichloroethe...	0.668	0.642	0.627	0.585	0.584	0.621	5.90
11) T	1,1,2-Trichloro-...	0.350	0.350	0.388	0.350	0.337	0.355	5.50
12) T	1,1-Dichloroethene	0.330	0.316	0.361	0.336	0.327	0.334	4.95
13) T	Acetone	0.076	0.065	0.065	0.052	0.049	0.061	17.73
14) T	Carbon disulfide	0.924	0.909	1.066	0.998	0.967	0.973	6.47
15) T	Methyl Acetate	0.127	0.131	0.163	0.132	0.128	0.136	11.23
16) T	Methylene chloride	0.572	0.443	0.349	0.326	0.313	0.401	27.01
17) T	Methyl tert-buty...	0.378	0.367	0.405	0.376	0.349	0.375	5.41
18) T	trans-1,2-Dichlo...	0.357	0.346	0.377	0.359	0.345	0.357	3.62
19) T	1,1-Dichloroethane	0.586	0.567	0.600	0.575	0.553	0.576	3.12
20) S	2-Butanone-d5	0.077	0.084	0.095	0.080	0.079	0.083	8.94
21) S	2-Butanone	0.099	0.091	0.107	0.087	0.084	0.093	10.09
22) T	cis-1,2-Dichloro...	0.370	0.357	0.387	0.377	0.361	0.370	3.25
23) T	Bromochloromethane	0.186	0.175	0.182	0.177	0.170	0.178	3.41
24) S	Chloroform-d	0.681	0.673	0.659	0.639	0.628	0.656	3.45
25) T	Chloroform	0.641	0.624	0.655	0.627	0.596	0.629	3.48
26) S	1,2-Dichloroetha...	0.365	0.360	0.353	0.338	0.331	0.349	4.04
27) T	1,2-Dichloroethane	0.411	0.412	0.432	0.404	0.382	0.408	4.41

28) I	Chlorobenzene-d5	-----ISTD-----						
29) S	Benzene-d6	1.449	1.413	1.384	1.330	1.288	1.373	4.67
30) T	Cyclohexane	0.553	0.538	0.641	0.582	0.545	0.572	7.37
31) T	1,1,1-Trichloroe...	0.566	0.528	0.608	0.549	0.520	0.554	6.35
32) T	Carbon tetrachlo...	0.531	0.505	0.588	0.545	0.515	0.537	6.06
33) S	1,2-Dichloroprop...	0.402	0.387	0.385	0.378	0.367	0.384	3.34
34) T	Benzene	1.489	1.444	1.553	1.471	1.349	1.461	5.11
35) T	Trichloroethene	0.425	0.403	0.442	0.403	0.385	0.412	5.37
36) T	Methylcyclohexane	0.681	0.657	0.778	0.697	0.649	0.692	7.45
37) S	Toluene-d8	1.364	1.319	1.324	1.286	1.238	1.306	3.58
38) S	trans-1,3-Dichlo...	0.164	0.159	0.182	0.183	0.183	0.174	6.89
39) S	2-Hexanone-d5	0.063	0.069	0.087	0.075	0.073	0.073	11.95
40) T	1,2-Dichloropropane	0.337	0.327	0.357	0.338	0.318	0.335	4.35
41) T	Bromodichloromet...	0.477	0.455	0.510	0.491	0.468	0.480	4.45
42) T	cis-1,3-Dichloro...	0.501	0.498	0.580	0.573	0.550	0.540	7.24
43) T	4-Methyl-2-penta...	0.198	0.189	0.250	0.208	0.197	0.208	11.64
44) T	Toluene	1.618	1.588	1.719	1.626	1.490	1.608	5.12
45) T	trans-1,3-Dichlo...	0.426	0.420	0.514	0.503	0.489	0.470	9.42
46) T	1,1,2-Trichloroe...	0.290	0.272	0.318	0.284	0.268	0.286	6.88
47) T	Tetrachloroethene	0.357	0.344	0.388	0.342	0.322	0.351	7.01
48) S	1,1,2,2-Tetrachl...	0.336	0.331	0.377	0.328	0.315	0.337	6.89
49) T	2-Hexanone	0.127	0.135	0.181	0.144	0.137	0.145	14.64
50) T	Dibromochloromet...	0.331	0.311	0.372	0.359	0.340	0.343	6.97
51) T	1,2-Dibromoethane	0.277	0.271	0.317	0.291	0.271	0.285	6.79
52) T	Chlorobenzene	1.080	1.037	1.126	1.047	1.007	1.059	4.28
53) T	Ethylbenzene	1.848	1.768	1.978	1.839	1.705	1.827	5.58
54) T	m,p-Xylene	0.689	0.675	0.753	0.703	0.666	0.697	4.91
55) T	o-xylene	0.653	0.631	0.713	0.671	0.638	0.661	4.97
56) T	Styrene	1.086	1.076	1.209	1.168	1.081	1.124	5.42

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Method File : SOM2WLM012921S.M

57)	T	Isopropylbenzene	1.829	1.768	2.025	1.846	1.736	1.841	6.10
58)	T	1,1,2,2-Tetrachl...	0.336	0.324	0.390	0.330	0.313	0.339	8.90
59)		1,2,3-Trichlorop...	0.260	0.246	0.299	0.246	0.231	0.257	10.12
60)	I	1,4-Dichlorobenzen...	-----ISTD-----						
61)	S	1,2-Dichlorobenz...	0.894	0.909	0.900	0.894	0.862	0.892	2.01
62)	T	Bromoform	0.338	0.345	0.430	0.404	0.409	0.385	10.65
63)	T	1,3-Dichlorobenzene	1.637	1.548	1.669	1.612	1.502	1.594	4.27
64)	T	1,4-Dichlorobenzene	1.659	1.618	1.671	1.595	1.470	1.603	5.00
65)	T	1,2-Dichlorobenzene	1.430	1.410	1.536	1.444	1.365	1.437	4.36
66)	T	1,2-Dibromo-3-ch...	0.102	0.101	0.131	0.105	0.105	0.109	11.69
67)		1,3,5-Trichlorob...	1.177	1.205	1.328	1.248	1.164	1.224	5.41
68)	T	1,2,4-trichlorob...	1.020	0.970	1.105	1.024	0.984	1.021	5.15
69)		Naphthalene	1.772	1.871	2.347	2.023	1.916	1.986	11.13
70)	T	1,2,3-Trichlorob...	0.899	0.909	0.992	0.891	0.858	0.910	5.46

(#) = Out of Range