

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\
 Method File : SOM2WLM012720S.M
 Title : VOC Analysis
 Last Update : Mon Jan 27 15:38:15 2020
 Response Via : Initial Calibration

Calibration Files

2.5 =VW014765.D 5 =VW014766.D 25 =VW014761.D
 50 =VW014762.D 100 =VW014763.D

	Compound	2.5	5	25	50	100	Avg	%RSD
1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.316	0.316	0.325	0.276	0.305	0.307	6.20
3) T	Chloromethane	0.450	0.407	0.317	0.286	0.333	0.359	18.87
4) S	Vinyl Chloride-d3	0.438	0.416	0.404	0.362	0.360	0.396	8.57
5) T	Vinyl chloride	0.580	0.551	0.473	0.458	0.461	0.505	11.30
6) T	Bromomethane	0.291	0.283	0.252	0.254	0.240	0.264	8.25
7) S	Chloroethane-d5	0.329	0.340	0.353	0.343	0.316	0.336	4.23
8) T	Chloroethane	0.278	0.306	0.254	0.266	0.263	0.273	7.37
9) T	Trichlorofluorometh	0.232	0.245	0.235	0.253	0.246	0.242	3.44
10) S	1,1-Dichloroethene-	0.754	0.712	0.739	0.680	0.697	0.717	4.17
11) T	1,1,2-Trichloro-1,2	0.370	0.369	0.335	0.327	0.329	0.346	6.31
12) T	1,1-Dichloroethene	0.355	0.353	0.331	0.331	0.337	0.341	3.46
13) T	Acetone	0.197	0.113	0.100	0.094	0.098	0.120	36.23
14) T	Carbon disulfide	1.173	1.178	1.081	1.066	1.089	1.117	4.81
15) T	Methyl Acetate	0.210	0.197	0.152	0.166	0.173	0.180	13.17
16) T	Methylene chloride	0.607	0.480	0.350	0.337	0.339	0.422	28.21
17) T	Methyl tert-butyl E	0.490	0.462	0.413	0.444	0.446	0.451	6.26
18) T	trans-1,2-Dichloroe	0.361	0.361	0.339	0.346	0.356	0.353	2.81
19) T	1,1-Dichloroethane	0.694	0.702	0.626	0.634	0.650	0.661	5.23
20) S	2-Butanone-d5	0.143	0.112	0.099	0.102	0.106	0.112	15.72
21)	2-Butanone	0.168	0.141	0.119	0.119	0.126	0.135	15.40
22) T	cis-1,2-Dichloroeth	0.370	0.374	0.356	0.368	0.378	0.369	2.23
23) T	Bromochloromethane	0.187	0.165	0.148	0.152	0.155	0.161	9.77
24) S	Chloroform-d	0.731	0.674	0.714	0.663	0.669	0.690	4.37
25) T	Chloroform	0.652	0.650	0.587	0.594	0.602	0.617	5.14
26) S	1,2-Dichloroethane-	0.425	0.378	0.370	0.343	0.343	0.372	9.10
27) T	1,2-Dichloroethane	0.461	0.431	0.377	0.382	0.388	0.408	8.98
28) I	Chlorobenzene-d5	-----ISTD-----						
29) S	Benzene-d6	1.584	1.531	1.670	1.522	1.561	1.574	3.77
30) T	Cyclohexane	0.618	0.661	0.696	0.703	0.736	0.683	6.58
31) T	1,1,1-Trichloroetha	0.578	0.572	0.522	0.523	0.534	0.546	4.94
32) T	Carbon tetrachlorid	0.537	0.528	0.490	0.490	0.513	0.512	4.21
33) S	1,2-Dichloropropane	0.504	0.464	0.514	0.474	0.489	0.489	4.20
34) T	Benzene	1.661	1.698	1.544	1.536	1.565	1.601	4.60
35) T	Trichloroethene	0.428	0.416	0.389	0.394	0.408	0.407	3.91
36) T	Methylcyclohexane	0.660	0.725	0.709	0.705	0.740	0.708	4.26
37) S	Toluene-d8	1.372	1.334	1.502	1.384	1.416	1.402	4.53
38) S	trans-1,3-Dichlorop	0.195	0.189	0.198	0.191	0.202	0.195	2.79
39) S	2-Hexanone-d5	0.096	0.087	0.087	0.091	0.097	0.092	5.38
40) T	1,2-Dichloropropane	0.431	0.427	0.385	0.390	0.397	0.406	5.29
41) T	Bromodichloromethan	0.509	0.498	0.456	0.470	0.491	0.485	4.47
42) T	cis-1,3-Dichloropro	0.546	0.582	0.584	0.611	0.641	0.593	6.00
43) T	4-Methyl-2-pentan	0.318	0.275	0.228	0.249	0.266	0.267	12.52
44) T	Toluene	1.604	1.688	1.601	1.608	1.633	1.627	2.25
45) T	trans-1,3-Dichlorop	0.480	0.476	0.461	0.482	0.508	0.481	3.59
46) T	1,1,2-Trichloroetha	0.301	0.296	0.253	0.262	0.274	0.277	7.63
47) T	Tetrachloroethene	0.329	0.344	0.313	0.313	0.326	0.325	3.96
48) S	1,1,2,2-Tetrachloro	0.460	0.382	0.380	0.343	0.354	0.384	11.91
49) T	2-Hexanone	0.193	0.200	0.180	0.187	0.199	0.192	4.43
50) T	Dibromochloromethan	0.333	0.322	0.292	0.308	0.325	0.316	5.08
51) T	1,2-Dibromoethane	0.299	0.284	0.237	0.250	0.262	0.267	9.50
52) T	Chlorobenzene	1.055	1.066	0.970	0.979	1.009	1.016	4.29

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	Compound	2.5	5	25	50	100	Avg	%RSD
53) T	Ethylbenzene	1.694	1.835	1.759	1.786	1.816	1.778	3.11
54) T	m,p-Xylene	0.617	0.674	0.662	0.674	0.696	0.665	4.40
55) T	o-xylene	0.574	0.618	0.627	0.638	0.661	0.624	5.12
56) T	Styrene	0.945	1.075	1.068	1.086	1.113	1.058	6.15
57) T	Isopropylbenzene	1.537	1.718	1.756	1.695	1.738	1.689	5.19
58) T	1,1,2,2-Tetrachloro	0.438	0.380	0.320	0.318	0.329	0.357	14.52
59)	1,2,3-Trichloroprop	0.326	0.298	0.239	0.235	0.243	0.268	15.34
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) S	1,2-Dichlorobenzene	1.069	0.937	0.989	0.936	0.967	0.980	5.55
62) T	Bromoform	0.456	0.391	0.346	0.364	0.405	0.392	10.76
63) T	1,3-Dichlorobenzene	1.674	1.670	1.525	1.559	1.642	1.614	4.21
64) T	1,4-Dichlorobenzene	1.719	1.691	1.512	1.545	1.621	1.618	5.55
65) T	1,2-Dichlorobenzene	1.528	1.558	1.374	1.416	1.465	1.468	5.18
66) T	1,2-Dibromo-3-chlor	0.158	0.135	0.093	0.104	0.113	0.120	21.62
67)	1,3,5-Trichlorobenz	1.231	1.214	1.159	1.169	1.205	1.195	2.58
68) T	1,2,4-trichlorobenz	0.796	0.827	0.895	0.939	0.979	0.887	8.57
69)	Naphthalene	1.410	1.385	1.570	1.757	1.901	1.605	13.91
70) T	1,2,3-Trichlorobenz	0.781	0.779	0.820	0.831	0.855	0.813	4.05

(#) = Out of Range