

Method Path : Z:\VOASRV\HPCHEM1\MSV0A W\METHOD\
 Method File : SOM2WLM112420S.M
 Title : VOC Analysis
 Last Update : Tue Nov 24 12:56:37 2020
 Response Via : Initial Calibration

Calibration Files

2.5 =VW017463.D 5 =VW017464.D 25 =VW017465.D
 50 =VW017466.D 100 =VW017467.D

	Compound	2.5	5	25	50	100	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.238	0.279	0.211	0.222	0.237	0.238	10.89
3) T	Chloromethane	0.227	0.275	0.233	0.235	0.253	0.245	7.94
4) S	Vinyl Chloride-d3	0.328	0.350	0.305	0.316	0.345	0.329	5.80
5) T	Vinyl chloride	0.254	0.328	0.304	0.310	0.320	0.303	9.60
6) T	Bromomethane	0.224	0.243	0.214	0.203	0.208	0.218	7.11
7) S	Chloroethane-d5	0.325	0.315	0.248	0.239	0.260	0.278	14.35
8) T	Chloroethane	0.201	0.230	0.198	0.195	0.196	0.204	7.18
9) T	Trichlorofluorometh	0.316	0.377	0.342	0.341	0.360	0.347	6.51
10) S	1,1-Dichloroethene-	0.787	0.798	0.672	0.677	0.726	0.732	8.11
11) T	1,1,2-Trichloro-1,2	0.343	0.391	0.350	0.343	0.352	0.355	5.64
12) T	1,1-Dichloroethene	0.341	0.366	0.337	0.340	0.350	0.347	3.43
13) T	Acetone	0.088	0.068	0.046	0.065	0.066	0.067	22.13
14) T	Carbon disulfide	1.008	1.015	0.966	0.969	0.999	0.992	2.30
15) T	Methyl Acetate	0.116	0.129	0.099	0.115	0.121	0.116	9.56
16) T	Methylene chloride	0.470	0.436	0.334	0.315	0.321	0.375	19.28
17) T	Methyl tert-butyl E	0.362	0.417	0.354	0.362	0.369	0.373	6.82
18) T	trans-1,2-Dichloroe	0.344	0.382	0.353	0.343	0.360	0.356	4.39
19) T	1,1-Dichloroethane	0.601	0.651	0.594	0.575	0.588	0.602	4.81
20) S	2-Butanone-d5	0.076	0.080	0.056	0.064	0.071	0.069	13.58
21)	2-Butanone	0.077	0.091	0.065	0.082	0.084	0.080	12.03
22) T	cis-1,2-Dichloroeth	0.362	0.400	0.362	0.362	0.372	0.372	4.39
23) T	Bromochloromethane	0.169	0.193	0.157	0.158	0.167	0.169	8.52
24) S	Chloroform-d	0.798	0.790	0.647	0.634	0.682	0.710	11.03
25) T	Chloroform	0.635	0.690	0.631	0.602	0.619	0.635	5.23
26) S	1,2-Dichloroethane-	0.397	0.405	0.300	0.309	0.332	0.348	14.13
27) T	1,2-Dichloroethane	0.387	0.432	0.356	0.365	0.372	0.383	7.89

28) I	Chlorobenzene-d5	-----ISTD-----						
29) S	Benzene-d6	1.724	1.711	1.402	1.372	1.478	1.537	11.00
30) T	Cyclohexane	0.542	0.625	0.601	0.603	0.611	0.596	5.32
31) T	1,1,1-Trichloroetha	0.577	0.639	0.588	0.577	0.577	0.592	4.56
32) T	Carbon tetrachlorid	0.542	0.615	0.574	0.566	0.576	0.575	4.54
33) S	1,2-Dichloropropane	0.483	0.472	0.378	0.385	0.409	0.425	11.60
34) T	Benzene	1.462	1.640	1.501	1.460	1.451	1.503	5.26
35) T	Trichloroethene	0.416	0.443	0.408	0.405	0.411	0.417	3.67
36) T	Methylcyclohexane	0.643	0.724	0.692	0.689	0.696	0.689	4.23
37) S	Toluene-d8	1.513	1.527	1.314	1.279	1.368	1.400	8.16
38) S	trans-1,3-Dichlorop	0.208	0.204	0.165	0.178	0.195	0.190	9.57
39) S	2-Hexanone-d5	0.052	0.053	0.044	0.055	0.060	0.053	10.84
40) T	1,2-Dichloropropane	0.343	0.387	0.350	0.339	0.345	0.353	5.46
41) T	Bromodichloromethan	0.471	0.525	0.480	0.475	0.487	0.488	4.42
42) T	cis-1,3-Dichloropro	0.488	0.571	0.544	0.556	0.574	0.547	6.37
43) T	4-Methyl-2-pentan	0.167	0.186	0.138	0.159	0.163	0.162	10.65
44) T	Toluene	1.542	1.755	1.624	1.577	1.585	1.617	5.11
45) T	trans-1,3-Dichlorop	0.413	0.496	0.450	0.482	0.501	0.468	7.84
46) T	1,1,2-Trichloroetha	0.260	0.304	0.243	0.258	0.258	0.264	8.63
47) T	Tetrachloroethene	0.356	0.393	0.341	0.341	0.342	0.355	6.31
48) S	1,1,2,2-Tetrachloro	0.358	0.353	0.248	0.279	0.293	0.306	15.57
49) T	2-Hexanone	0.088	0.132	0.088	0.132	0.133	0.115	21.22
50) T	Dibromochloromethan	0.314	0.357	0.313	0.327	0.341	0.330	5.63
51) T	1,2-Dibromoethane	0.246	0.283	0.233	0.249	0.257	0.253	7.31
52) T	Chlorobenzene	1.033	1.157	1.052	1.004	1.049	1.059	5.48

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	Compound	2.5	5	25	50	100	Avg	%RSD
53) T	Ethylbenzene	1.728	1.962	1.832	1.812	1.832	1.833	4.58
54) T	m,p-Xylene	0.635	0.752	0.709	0.698	0.703	0.699	5.99
55) T	o-xylene	0.599	0.695	0.663	0.647	0.654	0.651	5.32
56) T	Styrene	0.994	1.144	1.111	1.115	1.116	1.096	5.34
57) T	Isopropylbenzene	1.626	1.876	1.856	1.801	1.788	1.789	5.50
58) T	1,1,2,2-Tetrachloro	0.271	0.334	0.252	0.282	0.285	0.285	10.68
59)	1,2,3-Trichloroprop	0.216	0.241	0.183	0.206	0.206	0.210	9.91
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) S	1,2-Dichlorobenzene	1.080	1.014	0.827	0.817	0.891	0.926	12.59
62) T	Bromoform	0.343	0.388	0.325	0.346	0.371	0.354	7.00
63) T	1,3-Dichlorobenzene	1.595	1.751	1.588	1.547	1.579	1.612	4.97
64) T	1,4-Dichlorobenzene	1.663	1.739	1.542	1.506	1.535	1.597	6.23
65) T	1,2-Dichlorobenzene	1.429	1.502	1.405	1.337	1.348	1.404	4.76
66) T	1,2-Dibromo-3-chlor	0.105	0.096	0.075	0.084	0.092	0.090	12.69
67)	1,3,5-Trichlorobenz	1.110	1.252	1.148	1.121	1.142	1.155	4.91
68) T	1,2,4-trichlorobenz	0.857	1.032	0.922	0.931	0.926	0.934	6.75
69)	Naphthalene	1.357	1.523	1.310	1.452	1.565	1.441	7.46
70) T	1,2,3-Trichlorobenz	0.749	0.840	0.777	0.744	0.783	0.779	4.92

(#) = Out of Range