

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\
 Method File : SOM2WLM072020S.M
 Title : VOC Analysis
 Last Update : Mon Jul 20 14:04:07 2020
 Response Via : Initial Calibration

Calibration Files

2.5 =VW015869.D 5 =VW015870.D 25 =VW015871.D
 50 =VW015872.D 100 =VW015873.D

	Compound	2.5	5	25	50	100	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.193	0.223	0.216	0.198	0.228	0.212	7.17
3) T	Chloromethane	0.268	0.255	0.238	0.242	0.276	0.256	6.44
4) S	Vinyl Chloride-d3	0.417	0.402	0.322	0.309	0.313	0.353	14.92
5) T	Vinyl chloride	0.373	0.448	0.404	0.370	0.378	0.395	8.31
6) T	Bromomethane	0.231	0.260	0.235	0.222	0.229	0.235	6.28
7) S	Chloroethane-d5	0.311	0.308	0.277	0.267	0.270	0.287	7.44
8) T	Chloroethane	0.211	0.247	0.241	0.227	0.230	0.231	6.07
9) T	Trichlorofluorometh	0.240	0.278	0.276	0.262	0.270	0.265	5.80
10) S	1,1-Dichloroethene-	0.789	0.752	0.683	0.665	0.676	0.713	7.62
11) T	1,1,2-Trichloro-1,2	0.295	0.343	0.339	0.319	0.326	0.324	5.81
12) T	1,1-Dichloroethene	0.299	0.338	0.329	0.314	0.326	0.321	4.67
13) T	Acetone	0.086	0.085	0.067	0.073	0.077	0.078	10.57
14) T	Carbon disulfide	0.974	1.060	1.037	0.986	1.018	1.015	3.51
15) T	Methyl Acetate	0.132	0.158	0.136	0.149	0.159	0.147	8.45
16) T	Methylene chloride	0.544	0.471	0.367	0.334	0.333	0.410	22.92
17) T	Methyl tert-butyl E	0.395	0.478	0.459	0.465	0.475	0.454	7.46
18) T	trans-1,2-Dichloroe	0.310	0.351	0.351	0.335	0.350	0.339	5.26
19) T	1,1-Dichloroethane	0.570	0.663	0.647	0.617	0.630	0.625	5.66
20) S	2-Butanone-d5	0.092	0.097	0.081	0.092	0.101	0.093	8.44
21)	2-Butanone	0.082	0.104	0.090	0.097	0.108	0.096	10.75
22) T	cis-1,2-Dichloroeth	0.313	0.362	0.368	0.360	0.372	0.355	6.70
23) T	Bromochloromethane	0.131	0.163	0.160	0.161	0.163	0.156	8.88
24) S	Chloroform-d	0.771	0.739	0.672	0.656	0.673	0.702	7.13
25) T	Chloroform	0.555	0.657	0.641	0.619	0.626	0.620	6.29
26) S	1,2-Dichloroethane-	0.424	0.417	0.356	0.363	0.367	0.385	8.39
27) T	1,2-Dichloroethane	0.380	0.461	0.430	0.417	0.421	0.422	6.90

28) I	Chlorobenzene-d5	-----ISTD-----						
29) S	Benzene-d6	1.717	1.575	1.444	1.422	1.451	1.522	8.17
30) T	Cyclohexane	0.555	0.635	0.663	0.636	0.662	0.630	7.00
31) T	1,1,1-Trichloroetha	0.551	0.612	0.607	0.570	0.580	0.584	4.39
32) T	Carbon tetrachlorid	0.486	0.551	0.551	0.527	0.532	0.529	5.05
33) S	1,2-Dichloropropane	0.508	0.474	0.425	0.431	0.443	0.456	7.56
34) T	Benzene	1.412	1.599	1.571	1.486	1.523	1.518	4.83
35) T	Trichloroethene	0.380	0.415	0.413	0.396	0.404	0.402	3.53
36) T	Methylcyclohexane	0.606	0.700	0.728	0.693	0.719	0.689	7.07
37) S	Toluene-d8	1.529	1.428	1.318	1.296	1.321	1.378	7.15
38) S	trans-1,3-Dichlorop	0.209	0.196	0.179	0.188	0.200	0.194	5.93
39) S	2-Hexanone-d5	0.068	0.074	0.068	0.080	0.089	0.076	11.44
40) T	1,2-Dichloropropane	0.347	0.396	0.387	0.369	0.382	0.376	5.14
41) T	Bromodichloromethan	0.435	0.496	0.499	0.489	0.510	0.486	6.06
42) T	cis-1,3-Dichloropro	0.473	0.567	0.591	0.602	0.631	0.573	10.54
43) T	4-Methyl-2-pentan	0.178	0.226	0.212	0.231	0.252	0.220	12.49
44) T	Toluene	1.421	1.644	1.674	1.605	1.618	1.593	6.24
45) T	trans-1,3-Dichlorop	0.405	0.488	0.516	0.526	0.548	0.497	11.16
46) T	1,1,2-Trichloroetha	0.242	0.284	0.269	0.274	0.284	0.270	6.37
47) T	Tetrachloroethene	0.294	0.335	0.318	0.298	0.314	0.312	5.29
48) S	1,1,2,2-Tetrachloro	0.370	0.367	0.321	0.339	0.356	0.351	5.92
49) T	2-Hexanone	0.129	0.163	0.149	0.163	0.175	0.156	11.47
50) T	Dibromochloromethan	0.269	0.313	0.319	0.326	0.338	0.313	8.40
51) T	1,2-Dibromoethane	0.227	0.276	0.254	0.265	0.272	0.259	7.58
52) T	Chlorobenzene	0.950	1.066	1.060	1.003	1.023	1.020	4.60

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	Compound	2.5	5	25	50	100	Avg	%RSD
53) T	Ethylbenzene	1.586	1.826	1.869	1.821	1.851	1.791	6.47
54) T	m,p-Xylene	0.580	0.667	0.715	0.685	0.702	0.670	7.96
55) T	o-xylene	0.538	0.622	0.670	0.648	0.677	0.631	8.92
56) T	Styrene	0.871	1.060	1.149	1.123	1.162	1.073	11.13
57) T	Isopropylbenzene	1.475	1.707	1.859	1.733	1.813	1.717	8.64
58) T	1,1,2,2-Tetrachloro	0.276	0.336	0.313	0.325	0.338	0.318	7.94
59)	1,2,3-Trichloroprop	0.207	0.257	0.232	0.239	0.255	0.238	8.61
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) S	1,2-Dichlorobenzene	1.098	0.995	0.941	0.924	0.916	0.975	7.74
62) T	Bromoform	0.304	0.367	0.367	0.387	0.414	0.368	11.00
63) T	1,3-Dichlorobenzene	1.455	1.641	1.674	1.637	1.593	1.600	5.38
64) T	1,4-Dichlorobenzene	1.502	1.692	1.683	1.611	1.631	1.624	4.69
65) T	1,2-Dichlorobenzene	1.294	1.507	1.551	1.437	1.478	1.453	6.77
66) T	1,2-Dibromo-3-chlor	0.092	0.109	0.107	0.115	0.124	0.109	10.69
67)	1,3,5-Trichlorobenz	1.005	1.145	1.193	1.118	1.165	1.125	6.46
68) T	1,2,4-trichlorobenz	0.742	0.832	0.957	0.945	0.992	0.894	11.61
69)	Naphthalene	1.269	1.517	1.733	1.863	2.036	1.684	17.79
70) T	1,2,3-Trichlorobenz	0.700	0.755	0.860	0.801	0.865	0.796	8.84

(#) = Out of Range