

Method Path : Z:\VOASRV\HPCHEM1\MSV0A W\METHOD\
 Method File : SOM2WLM032520S.M
 Title : VOC Analysis
 Last Update : Wed Mar 25 14:13:47 2020
 Response Via : Initial Calibration

Calibration Files

2.5 =VW015129.D 5 =VW015130.D 25 =VW015131.D
 50 =VW015132.D 100 =VW015133.D

	Compound	2.5	5	25	50	100	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.204	0.192	0.186	0.194	0.196	0.195	3.31
3) T	Chloromethane	0.441	0.394	0.319	0.319	0.325	0.360	15.43
4) S	Vinyl Chloride-d3	0.494	0.471	0.364	0.418	0.412	0.432	11.94
5) T	Vinyl chloride	0.567	0.531	0.491	0.464	0.454	0.501	9.41
6) T	Bromomethane	0.310	0.296	0.265	0.255	0.257	0.277	9.09
7) S	Chloroethane-d5	0.391	0.380	0.302	0.358	0.349	0.356	9.63
8) T	Chloroethane	0.332	0.317	0.304	0.292	0.281	0.305	6.67
9) T	Trichlorofluorometh	0.282	0.283	0.279	0.283	0.276	0.280	1.06
10) S	1,1-Dichloroethene-	0.944	0.918	0.760	0.870	0.847	0.868	8.21
11) T	1,1,2-Trichloro-1,2	0.409	0.427	0.386	0.374	0.355	0.390	7.29
12) T	1,1-Dichloroethene	0.391	0.374	0.368	0.365	0.354	0.370	3.66
13) T	Acetone	0.094	0.089	0.084	0.084	0.087	0.088	4.93
14) T	Carbon disulfide	1.453	1.423	1.395	1.331	1.285	1.377	4.98
15) T	Methyl Acetate	0.230	0.192	0.205	0.199	0.209	0.207	7.00
16) T	Methylene chloride	0.515	0.458	0.409	0.389	0.365	0.427	14.03
17) T	Methyl tert-butyl E	0.461	0.444	0.492	0.510	0.497	0.481	5.74
18) T	trans-1,2-Dichloroe	0.409	0.381	0.383	0.383	0.369	0.385	3.76
19) T	1,1-Dichloroethane	0.885	0.837	0.821	0.812	0.768	0.825	5.16
20) S	2-Butanone-d5	0.092	0.089	0.084	0.108	0.118	0.098	14.46
21)	2-Butanone	0.123	0.101	0.125	0.129	0.142	0.124	11.87
22) T	cis-1,2-Dichloroeth	0.380	0.375	0.383	0.394	0.379	0.382	1.93
23) T	Bromochloromethane	0.174	0.153	0.156	0.154	0.147	0.157	6.61
24) S	Chloroform-d	0.853	0.810	0.623	0.747	0.702	0.747	12.09
25) T	Chloroform	0.797	0.771	0.740	0.734	0.683	0.745	5.78
26) S	1,2-Dichloroethane-	0.508	0.461	0.357	0.425	0.411	0.433	13.04
27) T	1,2-Dichloroethane	0.575	0.534	0.540	0.524	0.502	0.535	5.00

28) I	Chlorobenzene-d5	-----ISTD-----						
29) S	Benzene-d6	1.781	1.733	1.337	1.618	1.531	1.600	11.04
30) T	Cyclohexane	0.709	0.754	0.857	0.878	0.881	0.816	9.69
31) T	1,1,1-Trichloroetha	0.695	0.702	0.651	0.631	0.605	0.657	6.35
32) T	Carbon tetrachlorid	0.603	0.595	0.568	0.553	0.531	0.570	5.19
33) S	1,2-Dichloropropane	0.602	0.570	0.439	0.537	0.510	0.532	11.66
34) T	Benzene	1.884	1.904	1.883	1.838	1.739	1.849	3.60
35) T	Trichloroethene	0.477	0.462	0.450	0.439	0.424	0.450	4.48
36) T	Methylcyclohexane	0.710	0.744	0.786	0.815	0.813	0.773	5.90
37) S	Toluene-d8	1.417	1.405	1.170	1.441	1.385	1.364	8.07
38) S	trans-1,3-Dichlorop	0.219	0.199	0.170	0.213	0.215	0.203	9.86
39) S	2-Hexanone-d5	0.069	0.066	0.067	0.090	0.100	0.079	19.67
40) T	1,2-Dichloropropane	0.543	0.522	0.510	0.501	0.473	0.510	5.06
41) T	Bromodichloromethan	0.617	0.583	0.577	0.572	0.553	0.580	4.04
42) T	cis-1,3-Dichloropro	0.620	0.620	0.680	0.719	0.712	0.670	7.15
43) T	4-Methyl-2-pentan	0.252	0.236	0.304	0.315	0.337	0.289	14.91
44) T	Toluene	1.729	1.789	1.901	1.904	1.820	1.829	4.09
45) T	trans-1,3-Dichlorop	0.553	0.536	0.602	0.620	0.618	0.586	6.61
46) T	1,1,2-Trichloroetha	0.324	0.289	0.302	0.294	0.290	0.300	4.85
47) T	Tetrachloroethene	0.313	0.293	0.287	0.284	0.276	0.291	4.74
48) S	1,1,2,2-Tetrachloro	0.414	0.363	0.304	0.366	0.370	0.364	10.78
49) T	2-Hexanone	0.142	0.150	0.212	0.220	0.239	0.192	22.75
50) T	Dibromochloromethan	0.308	0.293	0.312	0.316	0.312	0.308	2.87
51) T	1,2-Dibromoethane	0.278	0.249	0.268	0.267	0.266	0.266	3.95
52) T	Chlorobenzene	1.137	1.073	1.056	1.054	1.025	1.069	3.89

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	Compound	2.5	5	25	50	100	Avg	%RSD
53) T	Ethylbenzene	1.811	1.866	2.060	2.099	2.040	1.975	6.49
54) T	m,p-Xylene	0.607	0.650	0.732	0.742	0.732	0.693	8.78
55) T	o-xylene	0.552	0.594	0.688	0.712	0.701	0.649	11.04
56) T	Styrene	0.912	0.981	1.194	1.225	1.212	1.105	13.30
57) T	Isopropylbenzene	1.492	1.667	1.886	1.949	1.950	1.789	11.33
58) T	1,1,2,2-Tetrachloro	0.385	0.355	0.384	0.376	0.376	0.375	3.25
59) T	1,2,3-Trichloroprop	0.288	0.262	0.286	0.284	0.284	0.281	3.71
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) S	1,2-Dichlorobenzene	0.992	0.916	0.715	0.877	0.848	0.870	11.72
62) T	Bromoform	0.381	0.342	0.362	0.369	0.363	0.363	3.86
63) T	1,3-Dichlorobenzene	1.669	1.650	1.612	1.666	1.595	1.638	2.01
64) T	1,4-Dichlorobenzene	1.779	1.731	1.650	1.646	1.576	1.676	4.73
65) T	1,2-Dichlorobenzene	1.550	1.462	1.492	1.512	1.440	1.491	2.89
66) T	1,2-Dibromo-3-chlor	0.157	0.138	0.137	0.136	0.142	0.142	6.27
67) T	1,3,5-Trichlorobenz	1.084	1.048	1.025	1.048	1.069	1.055	2.13
68) T	1,2,4-trichlorobenz	0.689	0.703	0.807	0.873	0.904	0.795	12.22
69) T	Naphthalene	1.058	1.057	1.671	1.863	2.080	1.546	30.32
70) T	1,2,3-Trichlorobenz	0.666	0.654	0.757	0.792	0.825	0.739	10.31

(#) = Out of Range