

Method Path : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\
 Method File : SOM2WLM102220S.M
 Title : VOC Analysis
 Last Update : Thu Oct 22 12:28:24 2020
 Response Via : Initial Calibration

Calibration Files

2.5 =VW016960.D 5 =VW016961.D 25 =VW016962.D
 50 =VW016963.D 100 =VW016964.D

	Compound	2.5	5	25	50	100	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.223	0.287	0.300	0.315	0.301	0.285	12.70
3) T	Chloromethane	0.232	0.240	0.237	0.257	0.263	0.246	5.46
4) S	Vinyl Chloride-d3	0.310	0.343	0.258	0.269	0.262	0.289	12.74
5) T	Vinyl chloride	0.334	0.365	0.368	0.380	0.355	0.360	4.78
6) T	Bromomethane	0.234	0.246	0.245	0.256	0.243	0.245	3.21
7) S	Chloroethane-d5	0.237	0.257	0.204	0.213	0.207	0.224	10.20
8) T	Chloroethane	0.189	0.204	0.214	0.220	0.210	0.207	5.64
9) T	Trichlorofluorometh	0.239	0.268	0.295	0.313	0.314	0.286	11.18
10) S	1,1-Dichloroethene-	0.563	0.633	0.523	0.551	0.536	0.561	7.60
11) T	1,1,2-Trichloro-1,2	0.322	0.350	0.354	0.360	0.337	0.345	4.44
12) T	1,1-Dichloroethene	0.297	0.329	0.332	0.348	0.331	0.327	5.67
13) T	Acetone	0.043	0.037	0.033	0.039	0.032	0.037	12.62
14) T	Carbon disulfide	0.986	0.967	0.992	1.032	0.983	0.992	2.42
15) T	Methyl Acetate	0.096	0.096	0.088	0.105	0.092	0.095	6.70
16) T	Methylene chloride	0.376	0.341	0.310	0.325	0.301	0.331	8.92
17) T	Methyl tert-butyl E	0.350	0.346	0.351	0.386	0.350	0.357	4.64
18) T	trans-1,2-Dichloroe	0.321	0.338	0.348	0.358	0.346	0.342	4.10
19) T	1,1-Dichloroethane	0.487	0.529	0.530	0.550	0.525	0.524	4.39
20) S	2-Butanone-d5	0.063	0.057	0.046	0.056	0.051	0.054	11.76
21)	2-Butanone	0.070	0.059	0.056	0.065	0.056	0.061	9.88
22) T	cis-1,2-Dichloroeth	0.317	0.344	0.349	0.368	0.352	0.346	5.43
23) T	Bromochloromethane	0.149	0.160	0.158	0.173	0.159	0.160	5.20
24) S	Chloroform-d	0.619	0.656	0.520	0.548	0.542	0.577	10.01
25) T	Chloroform	0.530	0.559	0.562	0.583	0.555	0.558	3.37
26) S	1,2-Dichloroethane-	0.301	0.313	0.236	0.262	0.245	0.271	12.52
27) T	1,2-Dichloroethane	0.309	0.318	0.309	0.340	0.313	0.318	4.12

28) I	Chlorobenzene-d5	-----ISTD-----						
29) S	Benzene-d6	1.380	1.483	1.144	1.217	1.198	1.284	11.03
30) T	Cyclohexane	0.454	0.503	0.545	0.567	0.545	0.523	8.60
31) T	1,1,1-Trichloroetha	0.498	0.542	0.553	0.565	0.548	0.541	4.77
32) T	Carbon tetrachlorid	0.480	0.521	0.523	0.548	0.526	0.520	4.79
33) S	1,2-Dichloropropane	0.368	0.392	0.307	0.337	0.330	0.347	9.67
34) T	Benzene	1.338	1.394	1.373	1.437	1.363	1.381	2.69
35) T	Trichloroethene	0.356	0.384	0.383	0.403	0.387	0.382	4.46
36) T	Methylcyclohexane	0.576	0.625	0.666	0.685	0.659	0.642	6.65
37) S	Toluene-d8	1.267	1.364	1.085	1.168	1.161	1.209	8.93
38) S	trans-1,3-Dichlorop	0.143	0.154	0.132	0.156	0.152	0.147	6.88
39) S	2-Hexanone-d5	0.048	0.047	0.043	0.054	0.051	0.049	8.99
40) T	1,2-Dichloropropane	0.297	0.308	0.308	0.324	0.306	0.308	3.14
41) T	Bromodichloromethan	0.378	0.408	0.419	0.450	0.438	0.419	6.69
42) T	cis-1,3-Dichloropro	0.413	0.447	0.488	0.543	0.520	0.482	10.95
43) T	4-Methyl-2-pentan	0.153	0.132	0.138	0.162	0.146	0.146	8.19
44) T	Toluene	1.379	1.499	1.521	1.567	1.516	1.496	4.69
45) T	trans-1,3-Dichlorop	0.335	0.365	0.404	0.459	0.435	0.400	12.71
46) T	1,1,2-Trichloroetha	0.251	0.240	0.239	0.262	0.242	0.247	4.06
47) T	Tetrachloroethene	0.341	0.362	0.350	0.366	0.341	0.352	3.28
48) S	1,1,2,2-Tetrachloro	0.294	0.292	0.226	0.266	0.242	0.264	11.42
49) T	2-Hexanone	0.088	0.082	0.090	0.108	0.097	0.093	10.84
50) T	Dibromochloromethan	0.273	0.278	0.298	0.334	0.321	0.301	8.87
51) T	1,2-Dibromoethane	0.221	0.235	0.225	0.257	0.238	0.235	5.92
52) T	Chlorobenzene	0.965	0.995	0.994	1.041	1.006	1.000	2.73

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	Compound	2.5	5	25	50	100	Avg	%RSD
53) T	Ethylbenzene	1.519	1.654	1.721	1.793	1.714	1.680	6.10
54) T	m,p-Xylene	0.592	0.636	0.682	0.711	0.684	0.661	7.12
55) T	o-xylene	0.531	0.594	0.617	0.668	0.652	0.612	8.81
56) T	Styrene	0.858	0.986	1.057	1.150	1.071	1.025	10.70
57) T	Isopropylbenzene	1.481	1.633	1.763	1.835	1.758	1.694	8.24
58) T	1,1,2,2-Tetrachloro	0.262	0.257	0.254	0.291	0.261	0.265	5.54
59)	1,2,3-Trichloroprop	0.195	0.182	0.180	0.207	0.184	0.190	6.05
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) S	1,2-Dichlorobenzene	0.960	0.967	0.777	0.860	0.829	0.879	9.44
62) T	Bromoform	0.322	0.318	0.341	0.392	0.384	0.351	9.83
63) T	1,3-Dichlorobenzene	1.522	1.614	1.615	1.676	1.640	1.613	3.53
64) T	1,4-Dichlorobenzene	1.554	1.636	1.594	1.643	1.613	1.608	2.23
65) T	1,2-Dichlorobenzene	1.368	1.404	1.419	1.504	1.420	1.423	3.50
66) T	1,2-Dibromo-3-chlor	0.072	0.070	0.072	0.089	0.084	0.077	11.10
67)	1,3,5-Trichlorobenz	1.079	1.160	1.192	1.238	1.234	1.181	5.52
68) T	1,2,4-trichlorobenz	0.746	0.798	0.949	1.056	1.027	0.915	15.05
69)	Naphthalene	1.093	1.206	1.504	1.857	1.761	1.484	22.51
70) T	1,2,3-Trichlorobenz	0.682	0.746	0.804	0.894	0.861	0.797	10.72

(#) = Out of Range