

Method Path : Z:\VOASRV\HPCHEM1\MSV0A W\METHOD\
 Method File : SOM2WLM041020S.M
 Title : VOC Analysis
 Last Update : Fri Apr 10 13:04:25 2020
 Response Via : Initial Calibration

Calibration Files

2.5 =VW015173.D 5 =VW015174.D 25 =VW015175.D
 50 =VW015176.D 100 =VW015177.D

	Compound	2.5	5	25	50	100	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.186	0.146	0.158	0.189	0.224	0.181	16.81
3) T	Chloromethane	0.234	0.231	0.196	0.223	0.237	0.224	7.37
4) S	Vinyl Chloride-d3	0.240	0.265	0.233	0.228	0.217	0.236	7.68
5) T	Vinyl chloride	0.309	0.312	0.295	0.300	0.287	0.300	3.36
6) T	Bromomethane	0.170	0.157	0.150	0.152	0.148	0.155	5.56
7) S	Chloroethane-d5	0.194	0.169	0.175	0.167	0.162	0.173	7.07
8) T	Chloroethane	0.154	0.146	0.146	0.150	0.147	0.149	2.34
9) T	Trichlorofluorometh	0.233	0.218	0.232	0.251	0.256	0.238	6.60
10) S	1,1-Dichloroethene-	0.642	0.664	0.609	0.614	0.603	0.626	4.11
11) T	1,1,2-Trichloro-1,2	0.358	0.352	0.332	0.343	0.335	0.344	3.12
12) T	1,1-Dichloroethene	0.346	0.332	0.333	0.347	0.341	0.340	2.09
13) T	Acetone	0.060	0.049	0.050	0.046	0.052	0.051	10.53
14) T	Carbon disulfide	1.145	1.139	1.110	1.134	1.106	1.127	1.56
15) T	Methyl Acetate	0.086	0.114	0.135	0.135	0.146	0.123	19.30
16) T	Methylene chloride	0.410	0.367	0.329	0.336	0.329	0.354	9.77
17) T	Methyl tert-butyl E	0.487	0.442	0.455	0.453	0.443	0.456	4.07
18) T	trans-1,2-Dichloroe	0.344	0.344	0.341	0.355	0.340	0.345	1.78
19) T	1,1-Dichloroethane	0.602	0.588	0.579	0.609	0.591	0.594	1.98
20) S	2-Butanone-d5	0.081	0.079	0.082	0.078	0.084	0.081	3.08
21)	2-Butanone	0.067	0.078	0.090	0.087	0.094	0.084	12.82
22) T	cis-1,2-Dichloroeth	0.355	0.352	0.355	0.370	0.358	0.358	1.98
23) T	Bromochloromethane	0.139	0.143	0.148	0.153	0.152	0.147	3.98
24) S	Chloroform-d	0.608	0.620	0.582	0.578	0.560	0.590	4.09
25) T	Chloroform	0.587	0.576	0.570	0.586	0.567	0.577	1.51
26) S	1,2-Dichloroethane-	0.281	0.298	0.293	0.292	0.296	0.292	2.33
27) T	1,2-Dichloroethane	0.333	0.343	0.352	0.362	0.365	0.351	3.82

28) I	Chlorobenzene-d5	-----ISTD-----						
29) S	Benzene-d6	1.393	1.462	1.377	1.366	1.318	1.383	3.77
30) T	Cyclohexane	0.734	0.704	0.659	0.702	0.679	0.695	4.07
31) T	1,1,1-Trichloroetha	0.584	0.583	0.545	0.572	0.547	0.566	3.39
32) T	Carbon tetrachlorid	0.533	0.527	0.499	0.526	0.505	0.518	2.88
33) S	1,2-Dichloropropane	0.436	0.452	0.420	0.417	0.413	0.428	3.77
34) T	Benzene	1.599	1.584	1.529	1.567	1.495	1.555	2.74
35) T	Trichloroethene	0.424	0.421	0.395	0.412	0.401	0.411	2.98
36) T	Methylcyclohexane	0.791	0.772	0.708	0.747	0.712	0.746	4.91
37) S	Toluene-d8	1.295	1.372	1.289	1.288	1.239	1.296	3.70
38) S	trans-1,3-Dichlorop	0.182	0.201	0.197	0.195	0.201	0.195	4.00
39) S	2-Hexanone-d5	0.064	0.078	0.080	0.076	0.083	0.076	9.54
40) T	1,2-Dichloropropane	0.373	0.381	0.376	0.387	0.380	0.379	1.42
41) T	Bromodichloromethan	0.479	0.494	0.474	0.493	0.497	0.488	2.10
42) T	cis-1,3-Dichloropro	0.594	0.608	0.600	0.631	0.627	0.612	2.67
43) T	4-Methyl-2-pentan	0.209	0.215	0.229	0.229	0.248	0.226	6.69
44) T	Toluene	1.656	1.648	1.616	1.676	1.595	1.638	1.96
45) T	trans-1,3-Dichlorop	0.502	0.515	0.523	0.541	0.553	0.527	3.89
46) T	1,1,2-Trichloroetha	0.267	0.265	0.267	0.273	0.280	0.270	2.27
47) T	Tetrachloroethene	0.306	0.301	0.286	0.295	0.283	0.294	3.29
48) S	1,1,2,2-Tetrachloro	0.289	0.308	0.323	0.314	0.329	0.313	4.95
49) T	2-Hexanone	0.129	0.137	0.155	0.155	0.169	0.149	10.84
50) T	Dibromochloromethan	0.298	0.312	0.314	0.324	0.334	0.316	4.24
51) T	1,2-Dibromoethane	0.241	0.248	0.255	0.259	0.271	0.255	4.53
52) T	Chlorobenzene	0.998	1.017	0.998	1.024	0.995	1.006	1.32

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	Compound	2.5	5	25	50	100	Avg	%RSD
53) T	Ethylbenzene	1.865	1.861	1.810	1.890	1.785	1.842	2.35
54) T	m,p-Xylene	0.689	0.718	0.696	0.730	0.701	0.707	2.39
55) T	o-xylene	0.678	0.682	0.670	0.696	0.651	0.675	2.47
56) T	Styrene	1.129	1.130	1.131	1.187	1.102	1.136	2.72
57) T	Isopropylbenzene	1.824	1.844	1.792	1.894	1.762	1.823	2.76
58) T	1,1,2,2-Tetrachloro	0.294	0.297	0.317	0.326	0.340	0.315	6.16
59)	1,2,3-Trichloroprop	0.208	0.224	0.236	0.241	0.255	0.233	7.58
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) S	1,2-Dichlorobenzene	0.899	0.931	0.897	0.904	0.849	0.896	3.31
62) T	Bromoform	0.402	0.377	0.395	0.411	0.417	0.400	3.89
63) T	1,3-Dichlorobenzene	1.691	1.643	1.610	1.723	1.595	1.652	3.29
64) T	1,4-Dichlorobenzene	1.630	1.612	1.561	1.650	1.572	1.605	2.36
65) T	1,2-Dichlorobenzene	1.485	1.471	1.447	1.508	1.427	1.468	2.16
66) T	1,2-Dibromo-3-chlor	0.115	0.115	0.121	0.124	0.132	0.122	5.88
67)	1,3,5-Trichlorobenz	1.121	1.154	1.147	1.174	1.094	1.138	2.71
68) T	1,2,4-trichlorobenz	0.791	0.864	0.960	0.977	0.950	0.908	8.68
69)	Naphthalene	1.412	1.589	1.996	1.992	2.107	1.819	16.55
70) T	1,2,3-Trichlorobenz	0.710	0.731	0.842	0.825	0.846	0.791	8.23

(#) = Out of Range