

Method Path : Z:\VOASRV\HPCHEM1\MSV0A_W\METHOD\
 Method File : SOM2WLM071320S.M
 Title : VOC Analysis
 Last Update : Mon Jul 13 13:12:43 2020
 Response Via : Initial Calibration

Calibration Files

2.5 =VW015838.D 5 =VW015839.D 25 =VW015840.D
 50 =VW015841.D 100 =VW015842.D

	Compound	2.5	5	25	50	100	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.131	0.162	0.132	0.187	0.206	0.164	20.35
3) T	Chloromethane	0.299	0.294	0.245	0.257	0.261	0.271	8.80
4) S	Vinyl Chloride-d3	0.475	0.499	0.400	0.386	0.402	0.432	11.80
5) T	Vinyl chloride	0.497	0.530	0.461	0.435	0.434	0.471	8.85
6) T	Bromomethane	0.426	0.555	0.422	0.376	0.364	0.429	17.62
7) S	Chloroethane-d5	0.454	0.520	0.427	0.401	0.387	0.438	12.08
8) T	Chloroethane	0.340	0.395	0.348	0.326	0.306	0.343	9.60
9) T	Trichlorofluorometh	0.486	0.479	0.474	0.452	0.438	0.466	4.27
10) S	1,1-Dichloroethene-	0.603	0.626	0.555	0.576	0.594	0.591	4.59
11) T	1,1,2-Trichloro-1,2	0.267	0.291	0.266	0.284	0.283	0.278	3.94
12) T	1,1-Dichloroethene	0.245	0.262	0.255	0.269	0.281	0.263	5.27
13) T	Acetone	0.062	0.052	0.040	0.053	0.046	0.051	16.27
14) T	Carbon disulfide	0.773	0.892	0.875	0.887	0.919	0.869	6.44
15) T	Methyl Acetate	0.107	0.102	0.094	0.118	0.100	0.104	8.68
16) T	Methylene chloride	0.367	0.377	0.304	0.309	0.299	0.331	11.29
17) T	Methyl tert-butyl E	0.369	0.415	0.396	0.435	0.395	0.402	6.10
18) T	trans-1,2-Dichloroe	0.305	0.321	0.327	0.331	0.329	0.323	3.34
19) T	1,1-Dichloroethane	0.541	0.591	0.560	0.556	0.545	0.559	3.52
20) S	2-Butanone-d5	0.069	0.068	0.057	0.073	0.066	0.067	8.70
21)	2-Butanone	0.074	0.066	0.062	0.077	0.066	0.069	8.94
22) T	cis-1,2-Dichloroeth	0.327	0.331	0.335	0.347	0.350	0.338	3.01
23) T	Bromochloromethane	0.139	0.150	0.149	0.160	0.157	0.151	5.52
24) S	Chloroform-d	0.719	0.710	0.647	0.661	0.667	0.681	4.70
25) T	Chloroform	0.594	0.639	0.611	0.604	0.591	0.608	3.14
26) S	1,2-Dichloroethane-	0.395	0.387	0.344	0.360	0.343	0.366	6.63
27) T	1,2-Dichloroethane	0.393	0.415	0.401	0.409	0.366	0.397	4.85

28) I	Chlorobenzene-d5	-----ISTD-----						
29) S	Benzene-d6	1.427	1.444	1.338	1.340	1.391	1.388	3.51
30) T	Cyclohexane	0.461	0.504	0.533	0.528	0.526	0.510	5.82
31) T	1,1,1-Trichloroetha	0.536	0.575	0.560	0.547	0.546	0.553	2.71
32) T	Carbon tetrachlorid	0.485	0.517	0.529	0.525	0.529	0.517	3.57
33) S	1,2-Dichloropropane	0.410	0.424	0.376	0.382	0.384	0.395	5.21
34) T	Benzene	1.354	1.425	1.416	1.398	1.363	1.391	2.27
35) T	Trichloroethene	0.377	0.386	0.385	0.371	0.369	0.378	2.10
36) T	Methylcyclohexane	0.588	0.632	0.685	0.670	0.659	0.647	5.89
37) S	Toluene-d8	1.308	1.343	1.304	1.339	1.357	1.330	1.73
38) S	trans-1,3-Dichlorop	0.163	0.170	0.161	0.179	0.180	0.171	5.19
39) S	2-Hexanone-d5	0.052	0.049	0.053	0.068	0.062	0.057	14.21
40) T	1,2-Dichloropropane	0.321	0.355	0.340	0.325	0.314	0.331	4.91
41) T	Bromodichloromethan	0.431	0.452	0.461	0.460	0.452	0.451	2.73
42) T	cis-1,3-Dichloropro	0.400	0.469	0.524	0.549	0.542	0.497	12.59
43) T	4-Methyl-2-pentan	0.140	0.147	0.153	0.180	0.157	0.156	9.81
44) T	Toluene	1.427	1.557	1.645	1.602	1.599	1.566	5.35
45) T	trans-1,3-Dichlorop	0.362	0.413	0.462	0.495	0.478	0.442	12.23
46) T	1,1,2-Trichloroetha	0.243	0.270	0.252	0.271	0.245	0.256	5.30
47) T	Tetrachloroethene	0.279	0.308	0.320	0.317	0.312	0.307	5.30
48) S	1,1,2,2-Tetrachloro	0.317	0.330	0.302	0.346	0.306	0.320	5.69
49) T	2-Hexanone	0.100	0.107	0.105	0.129	0.110	0.110	10.01
50) T	Dibromochloromethan	0.262	0.280	0.320	0.344	0.330	0.307	11.26
51) T	1,2-Dibromoethane	0.224	0.238	0.248	0.265	0.243	0.244	6.16
52) T	Chlorobenzene	0.953	1.035	1.064	1.048	1.043	1.029	4.23

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	Compound	2.5	5	25	50	100	Avg	%RSD
53) T	Ethylbenzene	1.591	1.734	1.870	1.856	1.817	1.774	6.47
54) T	m,p-Xylene	0.578	0.640	0.736	0.733	0.716	0.681	10.18
55) T	o-xylene	0.540	0.592	0.706	0.698	0.697	0.647	11.73
56) T	Styrene	0.850	1.001	1.192	1.216	1.189	1.090	14.64
57) T	Isopropylbenzene	1.443	1.659	1.932	1.921	1.915	1.774	12.26
58) T	1,1,2,2-Tetrachloro	0.272	0.291	0.290	0.325	0.283	0.292	6.83
59) T	1,2,3-Trichloroprop	0.203	0.217	0.214	0.237	0.201	0.214	6.74
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) S	1,2-Dichlorobenzene	0.911	0.971	0.925	0.925	0.964	0.939	2.84
62) T	Bromoform	0.291	0.305	0.330	0.380	0.382	0.338	12.42
63) T	1,3-Dichlorobenzene	1.388	1.543	1.658	1.625	1.657	1.574	7.26
64) T	1,4-Dichlorobenzene	1.521	1.620	1.659	1.609	1.564	1.595	3.34
65) T	1,2-Dichlorobenzene	1.310	1.443	1.454	1.477	1.448	1.426	4.64
66) T	1,2-Dibromo-3-chlor	0.082	0.094	0.084	0.095	0.085	0.088	6.85
67) T	1,3,5-Trichlorobenz	0.946	0.982	1.104	1.098	1.117	1.049	7.56
68) T	1,2,4-trichlorobenz	0.628	0.752	0.871	0.927	0.920	0.819	15.65
69) T	Naphthalene	0.979	1.248	1.541	1.832	1.700	1.460	23.69
70) T	1,2,3-Trichlorobenz	0.575	0.701	0.759	0.840	0.780	0.731	13.71

(#) = Out of Range