

Method Path : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\
 Method File : SOM2WLM090320S.M
 Title : VOC Analysis
 Last Update : Fri Sep 04 04:59:18 2020
 Response Via : Initial Calibration

Calibration Files

2.5 =VW016439.D 5 =VW016440.D 25 =VW016441.D
 50 =VW016442.D 100 =VW016443.D

	Compound	2.5	5	25	50	100	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.274	0.271	0.282	0.288	0.283	0.280	2.51
3) T	Chloromethane	0.230	0.233	0.248	0.257	0.259	0.246	5.38
4) S	Vinyl Chloride-d3	0.289	0.291	0.265	0.239	0.242	0.265	9.30
5) T	Vinyl chloride	0.297	0.309	0.324	0.322	0.312	0.313	3.44
6) T	Bromomethane	0.224	0.225	0.238	0.242	0.240	0.234	3.65
7) S	Chloroethane-d5	0.234	0.264	0.248	0.221	0.223	0.238	7.53
8) T	Chloroethane	0.181	0.183	0.202	0.200	0.197	0.192	5.17
9) T	Trichlorofluorometh	0.234	0.235	0.264	0.273	0.275	0.256	7.79
10) S	1,1-Dichloroethene-	0.651	0.649	0.621	0.578	0.551	0.610	7.22
11) T	1,1,2-Trichloro-1,2	0.306	0.282	0.313	0.315	0.298	0.303	4.45
12) T	1,1-Dichloroethene	0.311	0.302	0.316	0.314	0.298	0.308	2.59
13) T	Acetone	0.075	0.059	0.054	0.056	0.060	0.061	13.59
14) T	Carbon disulfide	0.937	0.934	0.968	0.955	0.914	0.941	2.18
15) T	Methyl Acetate	0.151	0.146	0.145	0.146	0.150	0.147	1.74
16) T	Methylene chloride	0.624	0.395	0.327	0.310	0.294	0.390	34.93
17) T	Methyl tert-butyl E	0.472	0.473	0.479	0.454	0.433	0.462	4.04
18) T	trans-1,2-Dichloroe	0.333	0.327	0.332	0.333	0.312	0.327	2.75
19) T	1,1-Dichloroethane	0.557	0.554	0.565	0.567	0.542	0.557	1.80
20) S	2-Butanone-d5	0.113	0.091	0.097	0.084	0.089	0.095	11.81
21)	2-Butanone	0.115	0.112	0.098	0.090	0.096	0.102	10.41
22) T	cis-1,2-Dichloroeth	0.335	0.333	0.353	0.350	0.334	0.341	2.78
23) T	Bromochloromethane	0.151	0.159	0.160	0.164	0.157	0.158	3.03
24) S	Chloroform-d	0.583	0.592	0.631	0.575	0.547	0.586	5.14
25) T	Chloroform	0.594	0.578	0.584	0.580	0.546	0.576	3.17
26) S	1,2-Dichloroethane-	0.333	0.324	0.336	0.308	0.300	0.320	4.96
27) T	1,2-Dichloroethane	0.388	0.384	0.393	0.389	0.365	0.384	2.85

28) I	Chlorobenzene-d5	-----ISTD-----						
29) S	Benzene-d6	1.310	1.286	1.366	1.242	1.152	1.271	6.32
30) T	Cyclohexane	0.616	0.598	0.613	0.601	0.557	0.597	4.00
31) T	1,1,1-Trichloroetha	0.546	0.541	0.554	0.556	0.510	0.541	3.45
32) T	Carbon tetrachlorid	0.513	0.514	0.537	0.532	0.492	0.518	3.46
33) S	1,2-Dichloropropane	0.379	0.367	0.404	0.368	0.350	0.373	5.31
34) T	Benzene	1.379	1.368	1.422	1.389	1.277	1.367	3.96
35) T	Trichloroethene	0.385	0.365	0.392	0.386	0.366	0.379	3.28
36) T	Methylcyclohexane	0.673	0.648	0.684	0.681	0.626	0.663	3.72
37) S	Toluene-d8	1.266	1.222	1.278	1.171	1.103	1.208	6.00
38) S	trans-1,3-Dichlorop	0.185	0.189	0.205	0.184	0.179	0.188	5.19
39) S	2-Hexanone-d5	0.074	0.070	0.085	0.074	0.078	0.076	7.55
40) T	1,2-Dichloropropane	0.344	0.335	0.350	0.342	0.319	0.338	3.49
41) T	Bromodichloromethan	0.459	0.471	0.486	0.485	0.462	0.472	2.61
42) T	cis-1,3-Dichloropro	0.563	0.568	0.588	0.594	0.555	0.574	2.92
43) T	4-Methyl-2-pentan	0.245	0.230	0.246	0.234	0.240	0.239	2.90
44) T	Toluene	1.552	1.522	1.600	1.541	1.434	1.530	3.96
45) T	trans-1,3-Dichlorop	0.505	0.498	0.536	0.524	0.500	0.513	3.30
46) T	1,1,2-Trichloroetha	0.266	0.264	0.277	0.270	0.263	0.268	2.13
47) T	Tetrachloroethene	0.309	0.294	0.312	0.312	0.292	0.304	3.32
48) S	1,1,2,2-Tetrachloro	0.317	0.301	0.344	0.312	0.304	0.316	5.42
49) T	2-Hexanone	0.174	0.158	0.169	0.164	0.168	0.167	3.74
50) T	Dibromochloromethan	0.325	0.329	0.351	0.347	0.341	0.339	3.32
51) T	1,2-Dibromoethane	0.259	0.266	0.277	0.269	0.267	0.268	2.42
52) T	Chlorobenzene	0.970	0.948	1.005	0.997	0.931	0.970	3.24

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	Compound	2.5	5	25	50	100	Avg	%RSD
53) T	Ethylbenzene	1.721	1.706	1.793	1.764	1.630	1.723	3.62
54) T	m,p-Xylene	0.646	0.651	0.680	0.686	0.630	0.658	3.60
55) T	o-xylene	0.612	0.620	0.651	0.651	0.602	0.627	3.62
56) T	Styrene	1.066	1.061	1.120	1.121	1.021	1.078	3.95
57) T	Isopropylbenzene	1.733	1.731	1.759	1.777	1.591	1.718	4.27
58) T	1,1,2,2-Tetrachloro	0.324	0.310	0.327	0.322	0.314	0.319	2.28
59)	1,2,3-Trichloroprop	0.246	0.232	0.244	0.237	0.235	0.239	2.51
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) S	1,2-Dichlorobenzene	0.870	0.859	0.893	0.853	0.845	0.864	2.14
62) T	Bromoform	0.400	0.402	0.428	0.426	0.441	0.420	4.23
63) T	1,3-Dichlorobenzene	1.590	1.565	1.573	1.634	1.508	1.574	2.88
64) T	1,4-Dichlorobenzene	1.523	1.572	1.592	1.589	1.527	1.561	2.14
65) T	1,2-Dichlorobenzene	1.360	1.454	1.435	1.398	1.348	1.399	3.29
66) T	1,2-Dibromo-3-chlor	0.143	0.127	0.126	0.124	0.132	0.130	5.79
67)	1,3,5-Trichlorobenz	1.053	1.069	1.125	1.071	1.106	1.085	2.73
68) T	1,2,4-trichlorobenz	0.882	0.959	0.926	0.986	0.939	0.938	4.17
69)	Naphthalene	1.782	1.905	2.048	2.071	2.096	1.980	6.75
70) T	1,2,3-Trichlorobenz	0.752	0.798	0.803	0.839	0.836	0.806	4.39

(#) = Out of Range