

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\
 Method File : SOM2WLM100720S.M
 Title : VOC Analysis
 Last Update : Tue Oct 06 16:05:30 2020
 Response Via : Initial Calibration

Calibration Files

2.5 =VW016793.D 5 =VW016794.D 25 =VW016795.D
 50 =VW016796.D 100 =VW016797.D

	Compound	2.5	5	25	50	100	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.286	0.262	0.317	0.306	0.323	0.299	8.38
3) T	Chloromethane	0.258	0.242	0.262	0.272	0.283	0.263	5.88
4) S	Vinyl Chloride-d3	0.255	0.260	0.249	0.228	0.240	0.247	5.09
5) T	Vinyl chloride	0.319	0.331	0.355	0.350	0.355	0.342	4.80
6) T	Bromomethane	0.257	0.238	0.248	0.254	0.260	0.251	3.52
7) S	Chloroethane-d5	0.231	0.212	0.204	0.189	0.198	0.207	7.75
8) T	Chloroethane	0.208	0.203	0.215	0.213	0.216	0.211	2.64
9) T	Trichlorofluorometh	0.244	0.234	0.274	0.276	0.294	0.264	9.37
10) S	1,1-Dichloroethene-	0.558	0.527	0.523	0.496	0.514	0.524	4.38
11) T	1,1,2-Trichloro-1,2	0.330	0.331	0.344	0.336	0.341	0.337	1.79
12) T	1,1-Dichloroethene	0.310	0.312	0.328	0.328	0.338	0.323	3.71
13) T	Acetone	0.055	0.043	0.037	0.041	0.035	0.042	19.07
14) T	Carbon disulfide	0.922	0.857	0.945	0.949	0.961	0.927	4.47
15) T	Methyl Acetate	0.099	0.100	0.096	0.112	0.098	0.101	6.49
16) T	Methylene chloride	0.440	0.367	0.307	0.310	0.300	0.345	17.27
17) T	Methyl tert-butyl E	0.352	0.363	0.356	0.387	0.350	0.362	4.17
18) T	trans-1,2-Dichloroe	0.331	0.333	0.338	0.342	0.344	0.338	1.61
19) T	1,1-Dichloroethane	0.510	0.515	0.517	0.530	0.526	0.520	1.59
20) S	2-Butanone-d5	0.064	0.060	0.051	0.055	0.050	0.056	10.59
21)	2-Butanone	0.085	0.077	0.061	0.072	0.061	0.071	14.76
22) T	cis-1,2-Dichloroeth	0.335	0.341	0.339	0.355	0.353	0.345	2.59
23) T	Bromochloromethane	0.157	0.165	0.158	0.169	0.161	0.162	3.06
24) S	Chloroform-d	0.581	0.555	0.512	0.490	0.500	0.528	7.37
25) T	Chloroform	0.555	0.556	0.553	0.575	0.568	0.562	1.70
26) S	1,2-Dichloroethane-	0.283	0.276	0.242	0.240	0.233	0.255	8.88
27) T	1,2-Dichloroethane	0.337	0.336	0.330	0.349	0.328	0.336	2.47

28) I	Chlorobenzene-d5	-----ISTD-----						
29) S	Benzene-d6	1.234	1.229	1.124	1.029	1.061	1.135	8.32
30) T	Cyclohexane	0.487	0.508	0.536	0.524	0.537	0.518	4.12
31) T	1,1,1-Trichloroetha	0.528	0.537	0.534	0.527	0.531	0.532	0.79
32) T	Carbon tetrachlorid	0.486	0.505	0.531	0.531	0.541	0.519	4.38
33) S	1,2-Dichloropropane	0.332	0.326	0.295	0.282	0.290	0.305	7.40
34) T	Benzene	1.325	1.375	1.354	1.333	1.325	1.343	1.60
35) T	Trichloroethene	0.367	0.383	0.384	0.381	0.384	0.380	1.86
36) T	Methylcyclohexane	0.619	0.621	0.652	0.642	0.659	0.639	2.81
37) S	Toluene-d8	1.150	1.151	1.060	0.980	1.016	1.071	7.25
38) S	trans-1,3-Dichlorop	0.132	0.134	0.133	0.135	0.139	0.135	1.92
39) S	2-Hexanone-d5	0.040	0.049	0.047	0.052	0.048	0.047	8.82
40) T	1,2-Dichloropropane	0.295	0.314	0.302	0.306	0.301	0.304	2.29
41) T	Bromodichloromethan	0.404	0.417	0.423	0.443	0.445	0.426	4.06
42) T	cis-1,3-Dichloropro	0.435	0.456	0.491	0.517	0.520	0.484	7.75
43) T	4-Methyl-2-pentan	0.137	0.149	0.150	0.175	0.153	0.153	9.16
44) T	Toluene	1.455	1.509	1.497	1.497	1.489	1.489	1.39
45) T	trans-1,3-Dichlorop	0.356	0.370	0.413	0.454	0.443	0.407	10.68
46) T	1,1,2-Trichloroetha	0.235	0.252	0.241	0.260	0.245	0.247	3.98
47) T	Tetrachloroethene	0.354	0.355	0.350	0.347	0.354	0.352	0.99
48) S	1,1,2,2-Tetrachloro	0.262	0.264	0.238	0.241	0.228	0.246	6.38
49) T	2-Hexanone	0.084	0.097	0.101	0.119	0.103	0.101	12.42
50) T	Dibromochloromethan	0.265	0.297	0.309	0.338	0.324	0.307	9.17
51) T	1,2-Dibromoethane	0.228	0.243	0.239	0.261	0.242	0.243	4.89
52) T	Chlorobenzene	0.990	1.001	0.999	1.000	1.008	1.000	0.64

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	Compound	2.5	5	25	50	100	Avg	%RSD
53) T	Ethylbenzene	1.603	1.682	1.680	1.701	1.688	1.671	2.34
54) T	m,p-Xylene	0.613	0.625	0.668	0.667	0.676	0.650	4.41
55) T	o-xylene	0.561	0.616	0.636	0.638	0.653	0.621	5.79
56) T	Styrene	0.910	1.001	1.042	1.082	1.087	1.024	7.09
57) T	Isopropylbenzene	1.612	1.643	1.752	1.738	1.755	1.700	3.96
58) T	1,1,2,2-Tetrachloro	0.255	0.274	0.271	0.297	0.267	0.273	5.59
59) T	1,2,3-Trichloroprop	0.190	0.200	0.192	0.215	0.191	0.198	5.30
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) S	1,2-Dichlorobenzene	0.905	0.826	0.768	0.726	0.740	0.793	9.24
62) T	Bromoform	0.299	0.327	0.342	0.406	0.384	0.352	12.25
63) T	1,3-Dichlorobenzene	1.527	1.633	1.593	1.571	1.632	1.591	2.80
64) T	1,4-Dichlorobenzene	1.641	1.600	1.552	1.607	1.556	1.591	2.35
65) T	1,2-Dichlorobenzene	1.457	1.434	1.406	1.437	1.388	1.425	1.92
66) T	1,2-Dibromo-3-chlor	0.086	0.084	0.081	0.094	0.086	0.086	5.63
67) T	1,3,5-Trichlorobenz	1.191	1.154	1.179	1.188	1.201	1.183	1.51
68) T	1,2,4-trichlorobenz	0.893	0.948	0.982	0.998	1.035	0.971	5.53
69) T	Naphthalene	1.293	1.419	1.663	1.918	1.750	1.609	15.67
70) T	1,2,3-Trichlorobenz	0.787	0.805	0.847	0.871	0.864	0.835	4.43

(#) = Out of Range