

Method Path : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\
 Method File : 82W102319S.M
 Title : SW846 8260
 Last Update : Wed Oct 23 14:11:46 2019
 Response Via : Initial Calibration

Calibration Files

10 =VW013662.D 5 =VW013661.D 20 =VW013663.D
 50 =VW013664.D 100 =VW013665.D 150 =VW013666.D

	Compound	10	5	20	50	100	150	Avq	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.310	0.263	0.309	0.223	0.254	0.221	0.263	14.97
3) P	Chloromethane	0.332	0.300	0.297	0.245	0.272	0.253	0.283	11.56
4) C	Vinyl Chloride	0.480	0.424	0.469	0.406	0.418	0.367	0.428	9.75#
5) T	Bromomethane	0.310	0.305	0.292	0.263	0.275	0.242	0.281	9.24
6) T	Chloroethane	0.288	0.259	0.267	0.251	0.260	0.226	0.259	7.83
7) T	Trichlorofluorome	0.300	0.254	0.283	0.258	0.265	0.243	0.267	7.85
8) T	Diethyl Ether	0.229	0.220	0.213	0.210	0.218	0.204	0.216	3.98
9) T	1,1,2-Trichlorotr	0.479	0.454	0.452	0.425	0.419	0.376	0.434	8.28
10) T	Methyl Iodide	0.754	0.716	0.724	0.700	0.713	0.637	0.707	5.48
11) T	Tert butyl alcoho	0.026	0.023	0.024	0.020	0.022	0.020	0.022	10.24
12) CM	1,1-Dichloroethen	0.486	0.456	0.458	0.441	0.447	0.403	0.448	5.99#
13) T	Acrolein	0.024	0.027	0.024	0.025	0.028	0.025	0.026	5.70
14) T	Allyl chloride	0.729	0.693	0.699	0.682	0.697	0.638	0.690	4.31
15) T	Acrylonitrile	0.094	0.089	0.088	0.083	0.089	0.084	0.088	4.34
16) T	Acetone	0.080	0.080	0.070	0.082	0.085	0.079	0.080	6.61
17) T	Carbon Disulfide	1.364	1.253	1.354	1.279	1.318	1.159	1.288	5.90
18) T	Methyl Acetate	0.243	0.229	0.219	0.198	0.212	0.207	0.218	7.42
19) T	Methyl tert-butyl	0.576	0.557	0.540	0.531	0.533	0.492	0.538	5.31
20) T	Methylene Chlorid	0.568	0.661	0.494	0.441	0.448	0.396	0.501	19.45
21) T	trans-1,2-Dichlor	0.511	0.500	0.485	0.480	0.481	0.439	0.483	5.13
22) T	Diisopropyl ether	1.322	1.274	1.265	1.257	1.274	1.154	1.258	4.42
23) T	Vinyl Acetate	0.754	0.687	0.739	0.730	0.759	0.711	0.730	3.70
24) P	1,1-Dichloroethan	0.845	0.807	0.805	0.790	0.800	0.733	0.797	4.57
25) T	2-Butanone	0.119	0.117	0.111	0.111	0.118	0.110	0.114	3.46
26) T	2,2-Dichloropropa	0.524	0.533	0.467	0.435	0.426	0.378	0.461	13.03
27) T	cis-1,2-Dichloroe	0.539	0.516	0.520	0.509	0.517	0.474	0.513	4.17
28) T	Bromochloromethan	0.220	0.273	0.207	0.306	0.300	0.282	0.265	15.75
29) T	Tetrahydrofuran	0.076	0.069	0.073	0.068	0.071	0.068	0.071	4.48
30) C	Chloroform	0.841	0.841	0.792	0.764	0.779	0.707	0.787	6.42#
31) T	Cyclohexane	0.910	0.962	0.847	0.789	0.787	0.707	0.834	11.11
32) T	1,1,1-Trichloroet	0.661	0.623	0.640	0.608	0.620	0.556	0.618	5.77
33) S	1,2-Dichloroethan	0.375	0.379	0.345	0.392	0.388	0.371	0.375	4.49

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.274	0.287	0.251	0.299	0.287	0.269	0.278	5.96
36) T	1,1-Dichloroprope	0.505	0.471	0.483	0.464	0.460	0.412	0.466	6.63
37) T	Ethyl Acetate	0.194	0.181	0.185	0.166	0.174	0.169	0.178	5.81
38) T	Carbon Tetrachlor	0.449	0.424	0.430	0.416	0.421	0.376	0.419	5.71
39) T	Methylcyclohexane	0.629	0.598	0.616	0.612	0.607	0.546	0.601	4.80
40) TM	Benzene	1.408	1.339	1.351	1.311	1.315	1.184	1.318	5.64
41) T	Methacrylonitrile	0.128	0.114	0.105	0.101	0.118	0.102	0.111	9.62
42) TM	1,2-Dichloroethan	0.353	0.335	0.337	0.330	0.332	0.305	0.332	4.68
43) T	Isopropyl Acetate	0.354	0.341	0.346	0.333	0.343	0.330	0.341	2.52
44) TM	Trichloroethene	0.399	0.388	0.384	0.378	0.378	0.338	0.377	5.56
45) C	1,2-Dichloropropa	0.333	0.310	0.320	0.315	0.322	0.288	0.315	4.80#
46) T	Dibromomethane	0.166	0.151	0.152	0.151	0.154	0.143	0.153	5.03
47) T	Bromodichlorometh	0.403	0.398	0.391	0.398	0.409	0.373	0.395	3.10
48) T	Methyl methacryla	0.180	0.146	0.177	0.170	0.177	0.166	0.169	7.32
49) T	1,4-Dioxane	0.003	0.002	0.002	0.002	0.002	0.002	0.002	10.16
50) S	Toluene-d8	1.118	1.094	1.051	1.231	1.187	1.112	1.132	5.77
51) T	4-Methyl-2-Pentan	0.182	0.169	0.171	0.163	0.170	0.161	0.170	4.33
52) CM	Toluene	0.892	0.870	0.864	0.856	0.850	0.768	0.850	5.03#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.400	0.385	0.395	0.407	0.423	0.391	0.400	3.37
54) T	cis-1,3-Dichlorop	0.507	0.470	0.495	0.501	0.515	0.475	0.494	3.65
55) T	1,1,2-Trichloroet	0.241	0.241	0.226	0.221	0.228	0.209	0.228	5.29
56) T	Ethyl methacrylat	0.286	0.253	0.289	0.288	0.305	0.288	0.285	5.96
57) T	1,3-Dichloropropa	0.400	0.401	0.396	0.388	0.393	0.367	0.391	3.27
58) T	2-Chloroethyl Vin	0.127	0.126	0.121	0.137	0.141	0.135	0.131	5.64
59) T	2-Hexanone	0.119	0.112	0.116	0.118	0.122	0.115	0.117	3.09
60) T	Dibromochlorometh	0.281	0.259	0.268	0.270	0.282	0.262	0.270	3.54
61) T	1,2-Dibromoethane	0.226	0.214	0.219	0.211	0.219	0.203	0.215	3.71
62) S	4-Bromofluorobenz	0.376	0.392	0.355	0.411	0.395	0.370	0.383	5.22
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.422	0.379	0.396	0.379	0.377	0.339	0.382	7.13
65) PM	Chlorobenzene	1.104	1.051	1.045	1.025	1.013	0.927	1.027	5.70
66) T	1,1,1,2-Tetrachlo	0.374	0.353	0.367	0.361	0.365	0.331	0.359	4.28
67) C	Ethyl Benzene	1.980	1.839	1.912	1.875	1.840	1.669	1.853	5.62#
68) T	m/p-Xylenes	0.758	0.708	0.752	0.721	0.708	0.647	0.716	5.56
69) T	o-Xylene	0.697	0.634	0.687	0.664	0.664	0.603	0.658	5.29
70) T	Styrene	1.186	1.077	1.155	1.163	1.153	1.048	1.130	4.83
71) P	Bromoform	0.199	0.184	0.188	0.187	0.190	0.181	0.188	3.24
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.798	3.540	3.702	3.611	3.643	3.250	3.591	5.24
74) T	N-amyl acetate	0.707	0.644	0.716	0.689	0.708	0.703	0.695	3.78
75) P	1,1,2,2-Tetrachlo	0.621	0.589	0.574	0.543	0.551	0.521	0.567	6.33
76) T	1,2,3-Trichloropr	0.390	0.389	0.364	0.339	0.345	0.328	0.359	7.31
77) T	Bromobenzene	0.911	0.864	0.869	0.855	0.854	0.794	0.858	4.41
78) T	n-propylbenzene	4.480	3.969	4.347	4.193	4.143	3.804	4.156	5.91
79) T	2-Chlorotoluene	2.483	2.347	2.378	2.342	2.337	2.126	2.336	4.98
80) T	1,3,5-Trimethylbe	3.292	2.959	3.121	3.084	2.989	2.742	3.031	6.08
81) T	trans-1,4-Dichlor	0.196	0.183	0.191	0.185	0.198	0.187	0.190	3.17
82) T	4-Chlorotoluene	2.639	2.438	2.503	2.477	2.429	2.226	2.452	5.47
83) T	tert-Butylbenzene	2.840	2.657	2.785	2.721	2.687	2.453	2.691	4.98
84) T	1,2,4-Trimethylbe	3.190	2.928	3.107	3.044	2.982	2.690	2.990	5.80
85) T	sec-Butylbenzene	3.955	3.642	3.803	3.707	3.658	3.311	3.679	5.83
86) T	p-Isopropyltoluen	3.656	3.410	3.548	3.466	3.413	3.071	3.427	5.78
87) T	1,3-Dichlorobenze	1.747	1.697	1.708	1.666	1.651	1.502	1.662	5.13
88) T	1,4-Dichlorobenze	1.774	1.724	1.712	1.627	1.601	1.469	1.651	6.66
89) T	n-Butylbenzene	3.259	2.986	3.227	3.168	3.114	2.807	3.094	5.51
90) T	Hexachloroethane	0.614	0.607	0.593	0.607	0.606	0.547	0.596	4.15
91) T	1,2-Dichlorobenze	1.558	1.466	1.481	1.427	1.415	1.298	1.441	6.00
92) T	1,2-Dibromo-3-Chl	0.096	0.085	0.089	0.081	0.083	0.080	0.086	7.00
93) T	1,2,4-Trichlorobe	1.083	0.987	1.062	1.063	1.092	1.006	1.049	4.03
94) T	Hexachlorobutadie	0.749	0.726	0.737	0.696	0.709	0.631	0.708	5.95
95) T	Naphthalene	1.632	1.382	1.693	1.703	1.776	1.678	1.644	8.30
96) T	1,2,3-Trichlorobe	0.920	0.870	0.919	0.914	0.944	0.855	0.904	3.74

(#) = Out of Range