

Method Path : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\
 Method File : 82W092019S.M
 Title : SW846 8260
 Last Update : Fri Sep 20 15:58:08 2019
 Response Via : Initial Calibration

Calibration Files

10 =VW013178.D 5 =VW013177.D 20 =VW013179.D
 50 =VW013180.D 100 =VW013181.D 150 =VW013182.D

	Compound	10	5	20	50	100	150	Avq	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.280	0.311	0.299	0.269	0.291	0.280	0.288	5.21
3) P	Chloromethane	0.396	0.451	0.363	0.338	0.338	0.339	0.371	12.26
4) C	Vinyl Chloride	0.497	0.553	0.471	0.452	0.464	0.431	0.478	8.90#
5) T	Bromomethane	0.310	0.349	0.290	0.296	0.291	0.282	0.303	8.01
6) T	Chloroethane	0.287	0.317	0.269	0.277	0.277	0.264	0.282	6.72
7) T	Trichlorofluorome	0.272	0.278	0.258	0.269	0.291	0.285	0.276	4.25
8) T	Diethyl Ether	0.225	0.264	0.227	0.234	0.235	0.228	0.235	6.18
9) T	1,1,2-Trichlorotr	0.462	0.493	0.436	0.442	0.441	0.419	0.449	5.71
10) T	Methyl Iodide	0.684	0.761	0.674	0.695	0.696	0.664	0.696	4.91
11) T	Tert butyl alcoho	0.039	0.047	0.032	0.027	0.028	0.029	0.034	23.67
12) CM	1,1-Dichloroethen	0.464	0.510	0.454	0.456	0.464	0.440	0.465	5.10#
13) T	Acrolein	0.027	0.018	0.023	0.025	0.025	0.024	0.023	12.96
14) T	Allyl chloride	0.720	0.796	0.706	0.741	0.748	0.726	0.740	4.23
15) T	Acrylonitrile	0.102	0.105	0.099	0.099	0.103	0.101	0.102	2.39
16) T	Acetone	0.096	0.104	0.082	0.087	0.092	0.090	0.092	8.41
17) T	Carbon Disulfide	1.297	1.417	1.290	1.346	1.385	1.323	1.343	3.76
18) T	Methyl Acetate	0.264	0.287	0.260	0.240	0.253	0.248	0.259	6.26
19) T	Methyl tert-butyl	0.718	0.776	0.689	0.713	0.710	0.666	0.712	5.19
20) T	Methylene Chlorid	0.545	0.699	0.486	0.482	0.471	0.445	0.521	17.82
21) T	trans-1,2-Dichlor	0.493	0.558	0.483	0.503	0.502	0.473	0.502	5.87
22) T	Diisopropyl ether	1.367	1.500	1.364	1.431	1.422	1.353	1.406	4.00
23) T	Vinyl Acetate	0.815	0.834	0.809	0.842	0.873	0.833	0.834	2.71
24) P	1,1-Dichloroethan	0.851	0.912	0.824	0.848	0.843	0.813	0.849	4.08
25) T	2-Butanone	0.146	0.151	0.133	0.129	0.136	0.134	0.138	6.24
26) T	2,2-Dichloropropa	0.596	0.739	0.534	0.529	0.505	0.477	0.563	16.76
27) T	cis-1,2-Dichloroe	0.515	0.576	0.509	0.535	0.533	0.512	0.530	4.71
28) T	Bromochloromethan	0.304	0.335	0.280	0.352	0.345	0.338	0.326	8.55
29) T	Tetrahydrofuran	0.085	0.085	0.084	0.082	0.088	0.085	0.085	2.34
30) C	Chloroform	0.832	0.950	0.803	0.807	0.813	0.780	0.831	7.28#
31) T	Cyclohexane	0.903	1.066	0.853	0.843	0.847	0.796	0.885	10.75
32) T	1,1,1-Trichloroet	0.655	0.746	0.657	0.672	0.666	0.641	0.673	5.56
33) S	1,2-Dichloroethan	0.416	0.458	0.372	0.410	0.401	0.391	0.408	7.13

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.267	0.307	0.253	0.277	0.275	0.271	0.275	6.47
36) T	1,1-Dichloroprope	0.493	0.527	0.466	0.477	0.482	0.461	0.484	4.91
37) T	Ethyl Acetate	0.221	0.210	0.196	0.198	0.211	0.199	0.206	4.70
38) T	Carbon Tetrachlor	0.432	0.454	0.414	0.439	0.442	0.425	0.434	3.21
39) T	Methylcyclohexane	0.613	0.654	0.603	0.630	0.632	0.602	0.622	3.22
40) TM	Benzene	1.344	1.458	1.305	1.348	1.355	1.295	1.351	4.29
41) T	Methacrylonitrile	0.116	0.122	0.118	0.123	0.129	0.130	0.123	4.60
42) TM	1,2-Dichloroethan	0.370	0.395	0.343	0.363	0.363	0.346	0.363	5.17
43) T	Isopropyl Acetate	0.416	0.389	0.372	0.385	0.411	0.394	0.394	4.19
44) TM	Trichloroethene	0.378	0.417	0.361	0.376	0.377	0.364	0.379	5.30
45) C	1,2-Dichloropropa	0.326	0.361	0.312	0.329	0.332	0.319	0.330	5.18#
46) T	Dibromomethane	0.160	0.172	0.152	0.159	0.163	0.155	0.160	4.39
47) T	Bromodichlorometh	0.390	0.431	0.380	0.412	0.422	0.409	0.407	4.72
48) T	Methyl methacryla	0.183	0.167	0.172	0.182	0.210	0.200	0.185	9.04
49) T	1,4-Dioxane	0.003	0.002	0.002	0.002	0.002	0.002	0.002	11.93
50) S	Toluene-d8	1.142	1.274	1.042	1.175	1.153	1.120	1.151	6.56
51) T	4-Methyl-2-Pentan	0.206	0.195	0.188	0.194	0.207	0.197	0.198	3.80
52) CM	Toluene	0.848	0.935	0.830	0.869	0.874	0.838	0.866	4.39#

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	Compound	10	5	20	50	100	150	Avq	%RSD
53) T	t-1,3-Dichloropro	0.397	0.403	0.396	0.429	0.452	0.434	0.419	5.48
54) T	cis-1,3-Dichlorop	0.486	0.512	0.476	0.513	0.540	0.526	0.509	4.72
55) T	1,1,2-Trichloroet	0.241	0.253	0.230	0.236	0.243	0.233	0.239	3.56
56) T	Ethyl methacrylat	0.309	0.279	0.303	0.320	0.341	0.328	0.313	6.94
57) T	1,3-Dichloropropa	0.410	0.449	0.396	0.419	0.422	0.410	0.418	4.21
58) T	2-Chloroethyl Vin	0.139	0.142	0.134	0.153	0.154	0.148	0.145	5.51
59) T	2-Hexanone	0.141	0.125	0.131	0.134	0.145	0.140	0.136	5.48
60) T	Dibromochlorometh	0.260	0.272	0.253	0.275	0.289	0.281	0.272	4.82
61) T	1,2-Dibromoethane	0.228	0.240	0.217	0.223	0.233	0.224	0.228	3.45
62) S	4-Bromofluorobenz	0.390	0.442	0.352	0.397	0.396	0.382	0.393	7.42
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.396	0.414	0.356	0.377	0.376	0.357	0.379	5.96
65) PM	Chlorobenzene	1.041	1.148	1.007	1.029	1.042	0.998	1.044	5.17
66) T	1,1,1,2-Tetrachlo	0.345	0.368	0.344	0.361	0.370	0.352	0.357	3.14
67) C	Ethyl Benzene	1.896	1.981	1.820	1.921	1.910	1.823	1.892	3.26#
68) T	m/p-Xylenes	0.718	0.751	0.697	0.736	0.727	0.697	0.721	3.00
69) T	o-Xylene	0.675	0.701	0.643	0.677	0.679	0.648	0.670	3.21
70) T	Styrene	1.135	1.172	1.113	1.186	1.174	1.124	1.151	2.62
71) P	Bromoform	0.192	0.181	0.177	0.189	0.199	0.192	0.188	4.32
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.723	3.784	3.514	3.750	3.775	3.616	3.694	2.90
74) T	N-amyl acetate	0.816	0.772	0.768	0.834	0.878	0.850	0.820	5.32
75) P	1,1,2,2-Tetrachlo	0.651	0.654	0.575	0.605	0.623	0.599	0.618	5.02
76) T	1,2,3-Trichloropr	0.514	0.498	0.371	0.467	0.407	0.393	0.442	13.41
77) T	Bromobenzene	0.882	0.920	0.820	0.901	0.885	0.844	0.875	4.24
78) T	n-propylbenzene	4.300	4.473	4.124	4.423	4.414	4.207	4.323	3.17
79) T	2-Chlorotoluene	2.397	2.561	2.316	2.462	2.451	2.345	2.422	3.67
80) T	1,3,5-Trimethylbe	3.138	3.217	2.948	3.165	3.164	2.998	3.105	3.43
81) T	trans-1,4-Dichlor	0.191	0.169	0.186	0.199	0.220	0.216	0.197	9.71
82) T	4-Chlorotoluene	2.558	2.719	2.463	2.550	2.571	2.466	2.554	3.66
83) T	tert-Butylbenzene	2.751	2.809	2.623	2.792	2.755	2.620	2.725	3.05
84) T	1,2,4-Trimethylbe	3.138	3.192	2.994	3.149	3.108	2.956	3.090	3.02
85) T	sec-Butylbenzene	3.763	3.939	3.589	3.865	3.790	3.596	3.757	3.77
86) T	p-Isopropyltoluen	3.491	3.628	3.337	3.580	3.506	3.366	3.485	3.30
87) T	1,3-Dichlorobenze	1.691	1.807	1.613	1.697	1.694	1.606	1.685	4.32
88) T	1,4-Dichlorobenze	1.652	1.766	1.581	1.668	1.664	1.583	1.652	4.12
89) T	n-Butylbenzene	3.067	3.283	3.054	3.298	3.261	3.129	3.182	3.51
90) T	Hexachloroethane	0.572	0.580	0.544	0.606	0.619	0.592	0.585	4.52
91) T	1,2-Dichlorobenze	1.450	1.534	1.399	1.470	1.470	1.420	1.457	3.21
92) T	1,2-Dibromo-3-Chl	0.102	0.087	0.090	0.094	0.098	0.097	0.094	5.59
93) T	1,2,4-Trichlorobe	0.972	0.974	1.011	1.079	1.108	1.123	1.044	6.46
94) T	Hexachlorobutadie	0.704	0.776	0.700	0.716	0.698	0.692	0.714	4.35
95) T	Naphthalene	1.533	1.432	1.634	1.806	1.905	1.937	1.708	12.09
96) T	1,2,3-Trichlorobe	0.828	0.878	0.861	0.927	0.959	0.961	0.902	6.06

(#) = Out of Range