

Method Path : Z:\VOASRV\HPCHEM1\MSVOA F\METHODS\
 Method File : 82F111318S.M
 Title : SW846 8260
 Last Update : Wed Nov 14 03:11:14 2018
 Response Via : Initial Calibration

Calibration Files

5 =VF060707.D 20 =VF060709.D 50 =VF060710.D
 100 =VF060712.D 75 =VF060711.D 10 =VF060708.D

	Compound	5	20	50	100	75	10	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.778	0.991	0.935	0.893	0.827	0.946	0.895	8.89
3) P	Chloromethane	0.514	0.573	0.582	0.551	0.526	0.585	0.555	5.38
4) C	Vinyl Chloride	0.509	0.490	0.529	0.490	0.464	0.496	0.496	4.34#
5) T	Bromomethane	0.279	0.323	0.350	0.317	0.304	0.321	0.315	7.39
6) T	Chloroethane	0.172	0.178	0.239	0.191	0.184	0.202	0.194	12.45
7) T	Trichlorofluorome	0.970	1.074	1.239	1.091	1.059	1.154	1.098	8.31
8) T	Diethyl Ether	0.131	0.132	0.152	0.146	0.142	0.140	0.141	5.80
9) T	1,1,2-Trichlorotr	0.457	0.519	0.548	0.529	0.492	0.560	0.517	7.34
10) T	Methyl Iodide	0.776	0.818	0.870	0.851	0.822	0.844	0.830	3.95
11) T	Tert butyl alcoho	0.023	0.026	0.028	0.027	0.024	0.027	0.026	7.73
12) CM	1,1-Dichloroethen	0.411	0.404	0.411	0.421	0.384	0.417	0.408	3.19#
13) T	Acrolein	0.022	0.026	0.022	0.023	0.021	0.029	0.024	12.45
14) T	Allyl chloride	0.618	0.698	0.732	0.733	0.691	0.817	0.715	9.10
15) T	Acrylonitrile	0.055	0.056	0.058	0.060	0.049	0.054	0.055	7.00
16) T	Acetone	0.113	0.111	0.142	0.129	0.119	0.118	0.122	9.50
17) T	Carbon Disulfide	1.149	1.226	1.298	1.275	1.172	1.278	1.233	4.98
18) T	Methyl Acetate	0.206	0.193	0.209	0.185	0.185	0.224	0.200	7.84
19) T	Methyl tert-butyl	0.982	0.991	1.040	1.011	0.943	0.904	0.979	4.97
20) T	Methylene Chlorid	0.607	0.442	0.427	0.405	0.367	0.502	0.458	18.66
21) T	trans-1,2-Dichlor	0.390	0.413	0.471	0.433	0.399	0.451	0.426	7.33
22) T	Diisopropyl ether	1.291	1.406	1.460	1.470	1.302	1.350	1.380	5.63
23) T	Vinyl Acetate	0.552	0.659	0.721	0.713	0.632	0.621	0.650	9.66
24) P	1,1-Dichloroethan	0.782	0.823	0.858	0.918	0.798	0.834	0.835	5.80
25) T	2-Butanone	0.197	0.197	0.212	0.198	0.194	0.204	0.201	3.29
26) T	2,2-Dichloropropa	0.648	0.670	0.679	0.604	0.619	0.725	0.657	6.71
27) T	cis-1,2-Dichloroe	0.712	0.716	0.766	0.713	0.692	0.750	0.725	3.83
28) T	Bromochloromethan	0.505	0.428	0.445	0.399	0.414	0.414	0.434	8.79
29)	Tetrahydrofuran	0.082	0.081	0.085	0.085	0.077	0.086	0.083	4.20
30) C	Chloroform	1.366	1.324	1.436	1.276	1.248	1.391	1.340	5.32#
31) T	Cyclohexane	1.059	1.047	1.019	0.975	0.929	1.054	1.014	5.14
32) T	1,1,1-Trichloroet	1.029	1.120	1.106	1.010	1.006	1.061	1.055	4.65
33) S	1,2-Dichloroethan	0.625	0.586	0.564	0.555	0.532	0.559	0.570	5.57
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.428	0.402	0.352	0.346	0.333	0.394	0.376	9.95
36) T	1,1-Dichloroprope	0.595	0.609	0.594	0.554	0.514	0.614	0.580	6.69
37) T	Ethyl Acetate	0.222	0.230	0.218	0.207	0.197	0.220	0.216	5.45
38) T	Carbon Tetrachlor	0.559	0.610	0.564	0.505	0.539	0.599	0.563	6.88
39) T	Methylcyclohexane	0.712	0.698	0.694	0.624	0.596	0.712	0.673	7.41
40) TM	Benzene	1.385	1.333	1.304	1.194	1.160	1.380	1.293	7.36
41) T	Methacrylonitrile	0.132	0.124	0.124	0.110	0.109	0.186	0.131	21.78
42) TM	1,2-Dichloroethan	0.445	0.459	0.455	0.440	0.423	0.460	0.447	3.19
43) T	Isopropyl Acetate	0.294	0.300	0.275	0.278	0.281	0.286	0.286	3.39
44) TM	Trichloroethene	0.443	0.436	0.395	0.369	0.352	0.452	0.408	10.33
45) C	1,2-Dichloropropa	0.366	0.342	0.327	0.302	0.304	0.377	0.336	9.26#
46) T	Dibromomethane	0.210	0.235	0.229	0.219	0.208	0.233	0.222	5.28
47) T	Bromodichlorometh	0.564	0.590	0.609	0.542	0.519	0.577	0.567	5.76
48) T	Methyl methacryla	0.201	0.202	0.183	0.178	0.181	0.191	0.189	5.48
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	7.02
50) S	Toluene-d8	1.293	1.287	0.944	0.939	0.920	1.129	1.085	16.19
51) T	4-Methyl-2-Pentan	0.226	0.221	0.200	0.189	0.182	0.222	0.207	9.13
52) CM	Toluene	0.984	0.899	0.853	0.765	0.757	0.939	0.866	10.68#

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	Compound	5	20	50	100	75	10	Avg	%RSD
53) T	t-1,3-Dichloropro	0.476	0.497	0.444	0.408	0.419	0.480	0.454	7.88
54) T	cis-1,3-Dichlorop	0.605	0.617	0.549	0.598	0.533	0.638	0.590	6.89
55) T	1,1,2-Trichloroet	0.257	0.264	0.254	0.228	0.227	0.255	0.247	6.38
56) T	Ethyl methacrylat	0.275	0.323	0.285	0.250	0.268	0.285	0.281	8.61
57) T	1,3-Dichloropropa	0.446	0.472	0.417	0.395	0.399	0.445	0.429	7.09
58) T	2-Chloroethyl Vin	0.027	0.025	0.027	0.024	0.023	0.028	0.026	7.95
59) T	2-Hexanone	0.150	0.160	0.136	0.131	0.133	0.162	0.145	9.52
60) T	Dibromochlorometh	0.335	0.377	0.361	0.336	0.331	0.377	0.353	6.07
61) T	1,2-Dibromoethane	0.260	0.269	0.272	0.248	0.247	0.266	0.260	4.08
62) S	4-Bromofluorobenz	0.641	0.542	0.456	0.424	0.430	0.553	0.508	16.84
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.415	0.418	0.434	0.351	0.361	0.397	0.396	8.40
65) PM	Chlorobenzene	1.024	1.069	1.054	0.907	0.929	1.071	1.009	7.20
66) T	1,1,1,2-Tetrachlo	0.427	0.454	0.481	0.419	0.399	0.460	0.440	6.85
67) C	Ethyl Benzene	2.009	2.028	1.972	1.667	1.706	2.030	1.902	8.87#
68) T	m/p-Xylenes	0.716	0.726	0.692	0.575	0.623	0.746	0.680	9.78
69) T	o-Xylene	0.742	0.805	0.797	0.716	0.696	0.828	0.764	6.98
70) T	Styrene	1.147	1.073	1.073	0.889	0.911	1.128	1.037	10.63
71) P	Bromoform	0.199	0.203	0.220	0.192	0.190	0.182	0.198	6.71
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.125	4.296	4.202	3.554	3.722	4.249	4.025	7.69
74) T	N-amyl acetate	0.835	0.993	0.895	0.876	0.929	0.970	0.916	6.47
75) P	1,1,2,2-Tetrachlo	0.668	0.688	0.712	0.626	0.602	0.696	0.665	6.44
76) T	1,2,3-Trichloropr	0.573	0.542	0.478	0.447	0.442	0.484	0.494	10.66
77) T	Bromobenzene	0.827	0.877	0.872	0.790	0.801	0.859	0.838	4.44
78) T	n-propylbenzene	5.237	5.181	4.539	3.815	4.175	5.216	4.694	13.03
79) T	2-Chlorotoluene	2.901	2.929	2.781	2.389	2.433	2.936	2.728	9.25
80) T	1,3,5-Trimethylbe	3.498	3.124	3.319	2.868	2.936	3.427	3.195	8.16
81) T	trans-1,4-Dichlor	0.240	0.261	0.250	0.232	0.221	0.252	0.243	5.96
82) T	4-Chlorotoluene	3.008	3.031	2.789	2.431	2.593	2.917	2.795	8.61
83) T	tert-Butylbenzene	3.553	3.651	3.633	2.856	3.008	3.655	3.393	10.67
84) T	1,2,4-Trimethylbe	3.692	3.391	3.363	2.904	2.994	3.483	3.305	9.08
85) T	sec-Butylbenzene	4.921	4.932	4.747	3.883	4.138	4.992	4.602	10.27
86) T	p-Isopropyltoluen	4.027	4.038	4.028	3.284	3.403	4.281	3.844	10.44
87) T	1,3-Dichlorobenze	1.769	1.788	1.683	1.447	1.477	1.838	1.667	9.99
88) T	1,4-Dichlorobenze	1.660	1.667	1.676	1.456	1.472	1.683	1.602	6.70
89) T	n-Butylbenzene	4.153	4.358	3.869	3.185	3.472	4.498	3.923	13.11
90) T	Hexachloroethane	0.879	1.030	1.025	0.878	0.875	0.954	0.940	7.88
91) T	1,2-Dichlorobenze	1.692	1.636	1.577	1.379	1.455	1.679	1.570	8.10
92) T	1,2-Dibromo-3-Chl	0.127	0.121	0.138	0.131	0.120	0.113	0.125	7.18
93) T	1,2,4-Trichlorobe	1.146	1.214	1.190	0.985	1.027	1.208	1.128	8.74
94) T	Hexachlorobutadie	0.695	0.791	0.815	0.674	0.686	0.762	0.737	8.13
95) T	Naphthalene	1.782	2.026	2.316	2.151	2.008	2.069	2.059	8.55
96) T	1,2,3-Trichlorobe	1.010	1.076	1.163	0.996	0.969	1.041	1.043	6.67

(#) = Out of Range