

Method Path : Z:\VOASRV\HPCHEM1\MSVOA F\METHODS\
 Method File : 82F062518S.M
 Title : SW846 8260
 Last Update : Tue Jun 26 08:45:17 2018
 Response Via : Initial Calibration

Calibration Files

5 =VF059301.D 20 =VF059303.D 50 =VF059304.D
 100 =VF059306.D 150 =VF059307.D 10 =VF059302.D

	Compound	5	20	50	100	150	10	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.496	0.462	0.458	0.430	0.411	0.483	0.457	6.94
3) P	Chloromethane	0.388	0.273	0.289	0.300	0.292	0.299	0.307	13.34
4) C	Vinyl Chloride	0.333	0.286	0.297	0.272	0.287	0.336	0.302	8.77#
5) T	Bromomethane	0.260	0.209	0.198	0.156	0.183	0.216	0.204	17.10
6) T	Chloroethane	0.164	0.156	0.151	0.150	0.138	0.155	0.152	5.76
7) T	Trichlorofluorome	0.539	0.596	0.621	0.611	0.566	0.651	0.597	6.71
8) T	Diethyl Ether	0.190	0.134	0.143	0.138	0.149	0.165	0.153	13.78
9) T	1,1,2-Trichlorotr	0.417	0.365	0.336	0.315	0.288	0.371	0.349	13.05
10) T	Methyl Iodide	0.695	0.589	0.631	0.619	0.612	0.669	0.636	6.16
11) T	Tert butyl alcoho	0.058	0.032	0.044	0.034	0.038	0.051	0.043	23.82
12) CM	1,1-Dichloroethen	0.307	0.294	0.294	0.271	0.288	0.315	0.295	5.22#
13) T	Acrolein	0.033	0.024	0.021	0.018	0.020	0.029	0.024	23.57
14) T	Allyl chloride	0.526	0.534	0.559	0.567	0.574	0.560	0.553	3.44
15) T	Acrylonitrile	0.093	0.065	0.076	0.070	0.076	0.075	0.076	12.47
16) T	Acetone	0.228	0.153	0.176	0.149	0.159	0.197	0.177	17.28
17) T	Carbon Disulfide	0.800	0.624	0.687	0.677	0.682	0.690	0.693	8.32
18) T	Methyl Acetate	0.615	0.238	0.301	0.271	0.294	0.329	0.341	40.31
19) T	Methyl tert-butyl	1.183	1.028	1.084	1.032	1.036	1.234	1.100	8.03
20) T	Methylene Chlorid	0.845	0.432	0.359	0.330	0.330	0.629	0.487	42.79
21) T	trans-1,2-Dichlor	0.339	0.295	0.299	0.317	0.314	0.323	0.314	5.15
22) T	Diisopropyl ether	1.354	1.167	1.216	1.152	1.215	1.247	1.225	5.87
23) T	Vinyl Acetate	0.788	0.771	0.805	0.725	0.720	0.874	0.780	7.31
24) P	1,1-Dichloroethan	0.837	0.720	0.744	0.734	0.727	0.797	0.760	6.13
25) T	2-Butanone	0.265	0.182	0.206	0.180	0.199	0.223	0.209	15.12
26) T	2,2-Dichloropropa	0.644	0.532	0.520	0.395	0.464	0.588	0.524	16.81
27) T	cis-1,2-Dichloroe	0.507	0.450	0.461	0.476	0.468	0.502	0.477	4.73
28) T	Bromochloromethan	0.367	0.354	0.307	0.266	0.279	0.416	0.331	17.37
29)	Tetrahydrofuran	0.115	0.080	0.088	0.078	0.082	0.103	0.091	16.35
30) C	Chloroform	1.213	1.066	1.081	1.048	1.036	1.154	1.100	6.30#
31) T	Cyclohexane	0.535	0.484	0.483	0.452	0.471	0.562	0.498	8.41
32) T	1,1,1-Trichloroet	0.878	0.828	0.795	0.727	0.727	0.874	0.805	8.42
33) S	1,2-Dichloroethan	0.772	0.640	0.612	0.584	0.586	0.683	0.646	11.15

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.423	0.387	0.343	0.328	0.329	0.383	0.365	10.46
36) T	1,1-Dichloroprope	0.481	0.443	0.410	0.424	0.427	0.437	0.437	5.56
37) T	Ethyl Acetate	0.421	0.276	0.298	0.258	0.280	0.302	0.306	19.14
38) T	Carbon Tetrachlor	0.578	0.567	0.534	0.524	0.521	0.584	0.551	5.18
39) T	Methylcyclohexane	0.377	0.398	0.370	0.382	0.375	0.419	0.387	4.79
40) TM	Benzene	1.083	0.945	0.918	0.909	0.927	1.029	0.968	7.30
41) T	Methacrylonitrile	0.189	0.138	0.149	0.135	0.141	0.143	0.149	13.51
42) TM	1,2-Dichloroethan	0.616	0.549	0.556	0.544	0.552	0.578	0.566	4.84
43) T	Isopropyl Acetate	0.420	0.310	0.362	0.352	0.380	0.360	0.364	9.84
44) TM	Trichloroethene	0.357	0.338	0.316	0.306	0.309	0.367	0.332	7.72
45) C	1,2-Dichloropropa	0.309	0.275	0.262	0.250	0.273	0.291	0.277	7.54#
46) T	Dibromomethane	0.245	0.225	0.247	0.239	0.233	0.252	0.240	4.10
47) T	Bromodichlorometh	0.613	0.559	0.586	0.579	0.567	0.585	0.581	3.23
48) T	Methyl methacryla	0.265	0.211	0.249	0.238	0.261	0.239	0.244	8.04
49) T	1,4-Dioxane	0.002	0.001	0.001	0.001	0.001	0.001	0.001	30.54
50) S	Toluene-d8	1.015	0.923	0.872	0.867	0.824	0.925	0.905	7.30
51) T	4-Methyl-2-Pentan	0.340	0.240	0.273	0.231	0.247	0.287	0.270	14.93
52) CM	Toluene	0.829	0.699	0.704	0.677	0.673	0.765	0.725	8.41#

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	Compound	5	20	50	100	150	10	Avq	%RSD
53) T	t-1,3-Dichloropro	0.581	0.519	0.527	0.512	0.521	0.520	0.530	4.83
54) T	cis-1,3-Dichlorop	0.610	0.553	0.594	0.555	0.572	0.569	0.576	3.88
55) T	1,1,2-Trichloroet	0.288	0.268	0.291	0.273	0.283	0.285	0.281	3.20
56) T	Ethyl methacrylat	0.380	0.302	0.364	0.341	0.361	0.343	0.349	7.79
57) T	1,3-Dichloropropa	0.530	0.447	0.477	0.462	0.476	0.503	0.483	6.18
58) T	2-Chloroethyl Vin	0.029	0.027	0.026	0.024	0.025	0.027	0.026	6.69
59) T	2-Hexanone	0.291	0.207	0.226	0.191	0.193	0.240	0.224	16.71
60) T	Dibromochlorometh	0.433	0.416	0.463	0.431	0.434	0.429	0.434	3.53
61) T	1,2-Dibromoethane	0.373	0.307	0.354	0.337	0.339	0.337	0.341	6.36
62) S	4-Bromofluorobenz	0.603	0.565	0.482	0.444	0.440	0.527	0.510	13.03
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.364	0.318	0.321	0.303	0.296	0.344	0.324	7.85
65) PM	Chlorobenzene	1.047	0.914	0.877	0.898	0.848	0.975	0.927	7.85
66) T	1,1,1,2-Tetrachlo	0.445	0.390	0.385	0.393	0.358	0.433	0.401	8.08
67) C	Ethyl Benzene	1.747	1.611	1.463	1.547	1.365	1.697	1.572	9.14#
68) T	m/p-Xylenes	0.643	0.556	0.525	0.544	0.474	0.614	0.559	10.93
69) T	o-Xylene	0.702	0.655	0.603	0.625	0.545	0.624	0.626	8.36
70) T	Stvrene	1.118	0.965	0.922	0.904	0.821	0.989	0.953	10.41
71) P	Bromoform	0.287	0.258	0.277	0.280	0.266	0.279	0.275	3.88
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.167	2.986	2.848	2.853	2.640	2.983	2.913	6.09
74) T	N-amyl acetate	1.225	0.987	1.052	1.018	0.975	1.086	1.057	8.72
75) P	1,1,2,2-Tetrachlo	0.861	0.691	0.735	0.674	0.661	0.792	0.736	10.62
76) T	1,2,3-Trichloropr	0.653	0.526	0.540	0.486	0.527	0.598	0.555	10.84
77) T	Bromobenzene	0.918	0.805	0.777	0.796	0.728	0.824	0.808	7.81
78) T	n-propylbenzene	4.075	3.653	3.249	3.299	2.906	3.808	3.498	12.16
79) T	2-Chlorotoluene	2.416	2.204	1.974	2.070	1.870	2.290	2.137	9.53
80) T	1,3,5-Trimethylbe	2.764	2.652	2.417	2.657	2.167	2.653	2.552	8.62
81) T	trans-1,4-Dichlor	0.390	0.300	0.328	0.319	0.316	0.328	0.330	9.42
82) T	4-Chlorotoluene	2.606	2.339	2.201	2.203	2.005	2.381	2.289	8.89
83) T	tert-Butylbenzene	2.853	2.690	2.486	2.375	2.146	2.762	2.552	10.43
84) T	1,2,4-Trimethylbe	3.133	2.770	2.574	2.569	2.266	2.811	2.687	10.86
85) T	sec-Butylbenzene	3.696	3.523	3.264	3.241	2.867	3.705	3.383	9.55
86) T	p-Isopropyltoluen	3.155	2.988	2.741	2.651	2.362	3.136	2.839	10.95
87) T	1,3-Dichlorobenze	1.836	1.499	1.394	1.356	1.211	1.664	1.493	15.13
88) T	1,4-Dichlorobenze	1.694	1.448	1.349	1.390	1.274	1.504	1.443	10.14
89) T	n-Butylbenzene	3.249	3.141	2.668	2.672	2.307	3.254	2.882	13.54
90) T	Hexachloroethane	0.724	0.764	0.681	0.703	0.635	0.739	0.708	6.48
91) T	1,2-Dichlorobenze	1.729	1.476	1.427	1.359	1.259	1.553	1.467	11.11
92) T	1,2-Dibromo-3-Chl	0.177	0.141	0.169	0.156	0.163	0.173	0.163	8.02
93) T	1,2,4-Trichlorobe	1.231	1.084	1.087	1.025	0.917	1.164	1.085	10.05
94) T	Hexachlorobutadie	0.608	0.647	0.589	0.603	0.532	0.656	0.606	7.37
95) T	Naphthalene	2.441	2.117	2.404	2.262	2.201	2.193	2.270	5.62
96) T	1,2,3-Trichlorobe	1.093	1.007	1.055	1.001	0.945	1.065	1.028	5.20

(#) = Out of Range