

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\
 Method File : 82F072318S.M
 Title : SW846 8260
 Last Update : Tue Jul 24 04:17:55 2018
 Response Via : Initial Calibration

Calibration Files

5 =VF059610.D 20 =VF059612.D 50 =VF059613.D
 100 =VF059615.D 75 =VF059614.D 10 =VF059611.D

	Compound	5	20	50	100	75	10	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.721	0.653	0.603	0.561	0.558	0.668	0.627	10.29
3) P	Chloromethane	0.305	0.310	0.250	0.270	0.252	0.329	0.286	11.60
4) C	Vinyl Chloride	0.374	0.334	0.306	0.318	0.302	0.304	0.323	8.61#
5) T	Bromomethane	0.337	0.296	0.265	0.238	0.225	0.317	0.280	15.88
6) T	Chloroethane	0.234	0.208	0.187	0.181	0.173	0.200	0.197	11.17
7) T	Trichlorofluorome	0.906	0.911	0.909	0.806	0.807	0.934	0.879	6.49
8) T	Diethyl Ether	0.118	0.139	0.130	0.114	0.124	0.131	0.126	7.27
9) T	1,1,2-Trichlorotr	0.526	0.472	0.411	0.367	0.373	0.505	0.442	15.44
10) T	Methyl Iodide	0.791	0.769	0.708	0.685	0.656	0.851	0.743	9.85
11) T	Tert butyl alcoho	0.042	0.032	0.030	0.027	0.026	0.035	0.032	17.95
12) CM	1,1-Dichloroethen	0.399	0.367	0.328	0.318	0.308	0.383	0.350	10.72#
13) T	Acrolein	0.020	0.012	0.019	0.017	0.016	0.013	0.016	18.43
14) T	Allyl chloride	0.776	0.681	0.591	0.583	0.538	0.638	0.635	13.41
15) T	Acrylonitrile	0.054	0.050	0.048	0.044	0.046	0.054	0.049	8.67
16) T	Acetone	0.175	0.139	0.128	0.107	0.112	0.148	0.135	18.49
17) T	Carbon Disulfide	1.003	1.009	0.816	0.822	0.774	1.019	0.907	12.57
18) T	Methyl Acetate	0.356	0.192	0.192	0.169	0.174	0.263	0.224	32.40
19) T	Methyl tert-butyl	1.224	1.025	0.948	0.918	0.931	1.081	1.021	11.48
20) T	Methylene Chlorid	0.625	0.393	0.310	0.294	0.280	0.483	0.397	34.01
21) T	trans-1,2-Dichlor	0.422	0.371	0.329	0.323	0.304	0.413	0.360	13.80
22) T	Diisopropyl ether	1.270	1.183	1.146	1.094	1.032	1.251	1.163	7.85
23) T	Vinyl Acetate	0.616	0.603	0.592	0.541	0.530	0.630	0.585	6.94
24) P	1,1-Dichloroethan	0.926	0.890	0.786	0.745	0.754	0.900	0.833	9.70
25) T	2-Butanone	0.175	0.139	0.135	0.120	0.121	0.144	0.139	14.54
26) T	2,2-Dichloropropa	0.787	0.752	0.690	0.594	0.611	0.780	0.702	12.05
27) T	cis-1,2-Dichloroe	0.422	0.439	0.406	0.391	0.380	0.439	0.413	5.99
28) T	Bromochloromethan	0.368	0.321	0.294	0.268	0.264	0.324	0.306	12.89
29)	Tetrahydrofuran	0.072	0.060	0.054	0.047	0.047	0.058	0.056	16.58
30) C	Chloroform	1.241	1.226	1.113	1.059	1.020	1.215	1.146	8.26#
31) T	Cyclohexane	0.500	0.499	0.436	0.418	0.397	0.532	0.464	11.66
32) T	1,1,1-Trichloroet	1.119	1.127	0.995	0.909	0.892	1.183	1.038	11.84
33) S	1,2-Dichloroethan	0.861	0.728	0.828	0.759	0.753	0.791	0.787	6.39
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.461	0.488	0.483	0.443	0.442	0.451	0.461	4.33
36) T	1,1-Dichloroprope	0.520	0.569	0.483	0.470	0.463	0.535	0.506	8.25
37) T	Ethyl Acetate	0.221	0.245	0.208	0.178	0.186	0.183	0.204	12.94
38) T	Carbon Tetrachlor	0.830	0.864	0.764	0.681	0.689	0.860	0.781	10.59
39) T	Methylcyclohexane	0.424	0.480	0.388	0.375	0.364	0.434	0.411	10.61
40) TM	Benzene	1.015	1.028	0.873	0.844	0.818	0.974	0.925	9.89
41) T	Methacrylonitrile	0.118	0.101	0.130	0.087	0.090	0.100	0.104	15.86
42) TM	1,2-Dichloroethan	0.704	0.669	0.611	0.558	0.554	0.653	0.625	9.79
43) T	Isopropyl Acetate	0.286	0.263	0.273	0.243	0.237	0.259	0.260	6.98
44) TM	Trichloroethene	0.388	0.399	0.351	0.313	0.311	0.377	0.357	10.65
45) C	1,2-Dichloropropa	0.261	0.269	0.247	0.233	0.227	0.267	0.251	7.17#
46) T	Dibromomethane	0.210	0.227	0.221	0.191	0.199	0.197	0.208	7.03
47) T	Bromodichlorometh	0.670	0.675	0.653	0.566	0.572	0.643	0.630	7.74
48) T	Methyl methacryla	0.215	0.188	0.194	0.186	0.174	0.209	0.195	7.93
49) T	1,4-Dioxane	0.002	0.001	0.001	0.001	0.001	0.001	0.001	28.18
50) S	Toluene-d8	1.105	1.224	1.203	1.147	1.115	1.137	1.155	4.16
51) T	4-Methyl-2-Pentan	0.228	0.200	0.185	0.168	0.174	0.182	0.190	11.55
52) CM	Toluene	0.804	0.794	0.657	0.605	0.624	0.743	0.705	12.39#

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	Compound	5	20	50	100	75	10	Avg	%RSD
53) T	t-1,3-Dichloropro	0.567	0.586	0.539	0.495	0.488	0.520	0.532	7.29
54) T	cis-1,3-Dichlorop	0.561	0.553	0.548	0.505	0.492	0.507	0.528	5.59
55) T	1,1,2-Trichloroet	0.272	0.244	0.246	0.223	0.223	0.239	0.241	7.44
56) T	Ethyl methacrylat	0.295	0.268	0.277	0.259	0.262	0.248	0.268	6.10
57) T	1,3-Dichloropropa	0.474	0.458	0.415	0.374	0.388	0.408	0.419	9.36
58) T	2-Chloroethyl Vin	0.033	0.036	0.030	0.026	0.027	0.034	0.031	13.23
59) T	2-Hexanone	0.189	0.160	0.158	0.134	0.142	0.141	0.154	12.97
60) T	Dibromochlorometh	0.453	0.446	0.451	0.403	0.405	0.416	0.429	5.51
61) T	1,2-Dibromoethane	0.273	0.297	0.294	0.267	0.257	0.270	0.276	5.70
62) S	4-Bromofluorobenz	0.644	0.844	0.677	0.595	0.615	0.626	0.667	13.71
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.415	0.402	0.340	0.330	0.317	0.426	0.371	12.92
65) PM	Chlorobenzene	1.038	0.970	0.895	0.844	0.780	1.004	0.922	10.80
66) T	1,1,1,2-Tetrachlo	0.472	0.432	0.411	0.375	0.364	0.452	0.418	10.19
67) C	Ethyl Benzene	1.880	1.805	1.543	1.495	1.483	1.852	1.676	11.21#
68) T	m/p-Xylenes	0.599	0.632	0.528	0.522	0.494	0.645	0.570	11.13
69) T	o-Xylene	0.640	0.655	0.601	0.558	0.550	0.708	0.619	9.81
70) T	Styrene	0.951	0.997	0.910	0.843	0.834	1.033	0.928	8.71
71) P	Bromoform	0.310	0.266	0.259	0.226	0.231	0.261	0.259	11.60
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.072	3.483	2.946	2.817	2.664	4.072	3.176	16.37
74) T	N-amyl acetate	0.679	0.699	0.717	0.698	0.697	0.795	0.714	5.79
75) P	1,1,2,2-Tetrachlo	0.597	0.543	0.521	0.444	0.460	0.633	0.533	13.92
76) T	1,2,3-Trichloropr	0.515	0.480	0.419	0.428	0.390	0.562	0.466	14.01
77) T	Bromobenzene	0.874	0.855	0.771	0.718	0.709	1.010	0.823	13.88
78) T	n-propylbenzene	3.960	4.095	3.469	3.246	3.044	5.020	3.806	18.90
79) T	2-Chlorotoluene	2.365	2.388	2.083	1.883	1.929	3.036	2.281	18.70
80) T	1,3,5-Trimethylbe	2.873	3.099	2.595	2.393	2.373	3.724	2.843	18.12
81) T	trans-1,4-Dichlor	0.183	0.197	0.183	0.179	0.157	0.210	0.185	9.66
82) T	4-Chlorotoluene	2.659	2.689	2.255	2.170	2.125	3.324	2.537	17.99
83) T	tert-Butylbenzene	2.847	2.961	2.576	2.313	2.357	3.811	2.811	19.70
84) T	1,2,4-Trimethylbe	2.987	3.011	2.695	2.447	2.415	3.798	2.892	17.69
85) T	sec-Butylbenzene	3.716	3.851	3.320	3.083	3.097	4.733	3.633	17.20
86) T	p-Isopropyltoluen	3.055	3.565	2.993	2.760	2.705	4.108	3.198	16.90
87) T	1,3-Dichlorobenze	1.641	1.675	1.412	1.338	1.284	2.117	1.578	19.54
88) T	1,4-Dichlorobenze	1.604	1.574	1.417	1.280	1.285	1.721	1.480	12.25
89) T	n-Butylbenzene	2.907	3.390	2.872	2.613	2.594	3.957	3.055	17.25
90) T	Hexachloroethane	0.858	0.828	0.744	0.676	0.661	0.987	0.792	15.61
91) T	1,2-Dichlorobenze	1.600	1.560	1.309	1.253	1.208	1.893	1.471	17.88
92) T	1,2-Dibromo-3-Chl	0.157	0.124	0.122	0.117	0.113	0.136	0.128	12.66
93) T	1,2,4-Trichlorobe	1.135	1.164	1.040	0.918	0.923	1.414	1.099	16.86
94) T	Hexachlorobutadie	0.764	0.823	0.719	0.665	0.668	0.951	0.765	14.26
95) T	Naphthalene	1.828	1.775	1.778	1.614	1.630	2.086	1.785	9.56
96) T	1,2,3-Trichlorobe	0.975	1.048	0.969	0.899	0.904	1.200	0.999	11.27

(#) = Out of Range