

Method Path : Z:\VOASRV\HPCHEM1\MSVOA F\METHODS\
 Method File : 82F070718S.M
 Title : SW846 8260
 Last Update : Sat Jul 07 06:35:36 2018
 Response Via : Initial Calibration

Calibration Files

5 =VF059470.D 20 =VF059472.D 50 =VF059473.D
 100 =VF059475.D 150 =VF059476.D 10 =VF059471.D

	Compound	5	20	50	100	150	10	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.771	0.716	0.738	0.713	0.669	0.618	0.704	7.65
3) P	Chloromethane	0.371	0.346	0.344	0.363	0.345	0.316	0.347	5.47
4) C	Vinyl Chloride	0.361	0.374	0.353	0.398	0.371	0.319	0.363	7.19#
5) T	Bromomethane	0.289	0.334	0.254	0.290	0.242	0.261	0.278	11.97
6) T	Chloroethane	0.200	0.207	0.186	0.211	0.172	0.171	0.191	9.12
7) T	Trichlorofluorome	0.705	0.800	0.859	0.813	0.750	0.695	0.770	8.39
8) T	Diethyl Ether	0.152	0.154	0.166	0.173	0.162	0.163	0.162	4.79
9) T	1,1,2-Trichlorotr	0.457	0.458	0.436	0.409	0.326	0.419	0.417	11.77
10) T	Methyl Iodide	0.815	0.832	0.781	0.812	0.732	0.688	0.777	7.20
11) T	Tert butyl alcoho	0.038	0.036	0.044	0.038	0.037	0.044	0.040	9.18
12) CM	1,1-Dichloroethen	0.385	0.376	0.387	0.389	0.350	0.379	0.378	3.80#
13) T	Acrolein	0.032	0.031	0.029	0.029	0.029	0.034	0.031	6.46
14) T	Allyl chloride	0.660	0.684	0.631	0.684	0.624	0.653	0.656	3.87
15) T	Acrylonitrile	0.079	0.067	0.073	0.074	0.072	0.068	0.072	6.11
16) T	Acetone	0.143	0.127	0.136	0.120	0.112	0.142	0.130	9.57
17) T	Carbon Disulfide	0.962	1.028	0.980	1.048	0.991	0.955	0.994	3.69
18) T	Methyl Acetate	0.317	0.312	0.275	0.305	0.279	0.323	0.302	6.69
19) T	Methyl tert-butyl	1.242	1.305	1.249	1.262	1.115	1.215	1.231	5.20
20) T	Methylene Chlorid	0.605	0.416	0.373	0.379	0.340	0.435	0.425	22.27
21) T	trans-1,2-Dichlor	0.416	0.422	0.388	0.411	0.373	0.402	0.402	4.56
22) T	Diisopropyl ether	1.336	1.449	1.301	1.437	1.371	1.262	1.359	5.46
23) T	Vinyl Acetate	0.764	0.837	0.820	0.784	0.737	0.792	0.789	4.60
24) P	1,1-Dichloroethan	0.936	0.999	0.895	0.903	0.843	0.877	0.909	5.90
25) T	2-Butanone	0.178	0.178	0.183	0.183	0.170	0.172	0.177	3.06
26) T	2,2-Dichloropropa	0.575	0.573	0.530	0.501	0.448	0.517	0.524	9.07
27) T	cis-1,2-Dichloroe	0.476	0.515	0.494	0.525	0.488	0.467	0.494	4.52
28) T	Bromochloromethan	0.380	0.406	0.359	0.377	0.343	0.399	0.377	6.32
29)	Tetrahydrofuran	0.085	0.087	0.085	0.082	0.078	0.081	0.083	4.13
30) C	Chloroform	1.330	1.381	1.296	1.286	1.170	1.254	1.286	5.56#
31) T	Cyclohexane	0.529	0.576	0.539	0.518	0.508	0.493	0.527	5.42
32) T	1,1,1-Trichloroet	1.067	1.100	0.983	0.977	0.855	0.952	0.989	8.79
33) S	1,2-Dichloroethan	0.872	0.913	0.893	0.886	0.825	0.828	0.870	4.12
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.520	0.508	0.464	0.465	0.438	0.484	0.480	6.36
36) T	1,1-Dichloroprope	0.526	0.564	0.528	0.532	0.517	0.502	0.528	3.89
37) T	Ethyl Acetate	0.331	0.337	0.317	0.284	0.280	0.311	0.310	7.59
38) T	Carbon Tetrachlor	0.853	0.802	0.751	0.699	0.657	0.766	0.755	9.29
39) T	Methylcyclohexane	0.417	0.454	0.477	0.443	0.427	0.443	0.444	4.69
40) TM	Benzene	1.092	1.049	0.997	1.046	1.005	1.020	1.035	3.41
41) T	Methacrylonitrile	0.126	0.132	0.150	0.140	0.146	0.159	0.142	8.46
42) TM	1,2-Dichloroethan	0.842	0.812	0.748	0.691	0.668	0.739	0.750	8.97
43) T	Isopropyl Acetate	0.331	0.365	0.353	0.356	0.373	0.351	0.355	4.06
44) TM	Trichloroethene	0.389	0.423	0.388	0.360	0.333	0.397	0.382	8.18
45) C	1,2-Dichloropropa	0.324	0.313	0.279	0.294	0.284	0.289	0.297	5.91#
46) T	Dibromomethane	0.284	0.276	0.284	0.271	0.260	0.260	0.272	3.94
47) T	Bromodichlorometh	0.697	0.747	0.697	0.658	0.653	0.706	0.693	4.97
48) T	Methyl methacryla	0.258	0.240	0.266	0.271	0.264	0.220	0.253	7.74
49) T	1,4-Dioxane	0.001	0.001	0.001	0.001	0.001	0.001	0.001	13.08
50) S	Toluene-d8	1.078	1.217	1.132	1.160	1.093	1.092	1.129	4.69
51) T	4-Methyl-2-Pentan	0.259	0.270	0.276	0.248	0.234	0.297	0.264	8.38
52) CM	Toluene	0.779	0.811	0.795	0.753	0.703	0.797	0.773	5.14#

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	Compound	5	20	50	100	150	10	Avg	%RSD
53) T	t-1,3-Dichloropro	0.617	0.629	0.606	0.564	0.550	0.636	0.600	5.88
54) T	cis-1,3-Dichlorop	0.568	0.641	0.630	0.609	0.584	0.562	0.599	5.46
55) T	1,1,2-Trichloroet	0.302	0.306	0.316	0.294	0.288	0.303	0.302	3.12
56) T	Ethyl methacrylat	0.307	0.345	0.358	0.357	0.350	0.330	0.341	5.74
57) T	1,3-Dichloropropa	0.538	0.536	0.521	0.491	0.491	0.513	0.515	4.08
58) T	2-Chloroethyl Vin	0.035	0.036	0.033	0.030	0.028	0.034	0.033	8.53
59) T	2-Hexanone	0.186	0.212	0.216	0.182	0.182	0.201	0.196	7.81
60) T	Dibromochlorometh	0.467	0.519	0.528	0.520	0.480	0.501	0.502	4.84
61) T	1,2-Dibromoethane	0.342	0.377	0.390	0.370	0.355	0.388	0.371	5.04
62) S	4-Bromofluorobenz	0.644	0.704	0.635	0.600	0.548	0.646	0.630	8.27
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.436	0.451	0.434	0.408	0.395	0.390	0.419	5.90
65) PM	Chlorobenzene	1.031	1.013	0.999	0.947	0.910	0.947	0.974	4.79
66) T	1,1,1,2-Tetrachlo	0.495	0.465	0.456	0.418	0.401	0.459	0.449	7.60
67) C	Ethyl Benzene	1.797	1.834	1.711	1.618	1.534	1.671	1.694	6.59#
68) T	m/p-Xylenes	0.674	0.648	0.587	0.555	0.528	0.591	0.597	9.24
69) T	o-Xylene	0.667	0.686	0.664	0.633	0.597	0.608	0.643	5.52
70) T	Styrene	0.991	1.093	1.023	0.965	0.915	1.021	1.001	6.01
71) P	Bromoform	0.314	0.321	0.318	0.308	0.297	0.297	0.309	3.43
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	2.783	3.154	3.225	3.037	3.021	3.016	3.039	4.98
74) T	N-amyl acetate	0.747	0.983	1.017	0.953	1.007	0.859	0.928	11.34
75) P	1,1,2,2-Tetrachlo	0.683	0.716	0.720	0.662	0.675	0.688	0.691	3.34
76) T	1,2,3-Trichloropr	0.557	0.553	0.584	0.518	0.556	0.606	0.562	5.33
77) T	Bromobenzene	0.813	0.851	0.842	0.814	0.855	0.871	0.841	2.78
78) T	n-propylbenzene	3.834	3.926	3.693	3.340	3.351	3.753	3.650	6.80
79) T	2-Chlorotoluene	2.313	2.352	2.296	2.171	2.152	2.265	2.258	3.56
80) T	1,3,5-Trimethylbe	2.748	2.843	2.854	2.556	2.494	2.663	2.693	5.53
81) T	trans-1,4-Dichlor	0.277	0.303	0.303	0.307	0.300	0.260	0.292	6.48
82) T	4-Chlorotoluene	2.424	2.494	2.399	2.327	2.278	2.438	2.393	3.28
83) T	tert-Butylbenzene	2.617	2.833	2.746	2.462	2.382	2.676	2.619	6.53
84) T	1,2,4-Trimethylbe	2.892	3.027	2.890	2.631	2.610	2.943	2.832	6.06
85) T	sec-Butylbenzene	3.572	3.721	3.741	3.406	3.240	3.532	3.535	5.39
86) T	p-Isopropyltoluen	2.991	3.372	3.188	2.792	2.702	3.096	3.023	8.26
87) T	1,3-Dichlorobenze	1.839	1.696	1.575	1.413	1.375	1.661	1.593	11.10
88) T	1,4-Dichlorobenze	1.695	1.607	1.569	1.456	1.427	1.555	1.551	6.35
89) T	n-Butylbenzene	2.921	3.305	3.124	2.678	2.491	3.154	2.946	10.56
90) T	Hexachloroethane	0.827	0.833	0.805	0.746	0.720	0.783	0.786	5.76
91) T	1,2-Dichlorobenze	1.762	1.678	1.573	1.417	1.374	1.676	1.580	9.85
92) T	1,2-Dibromo-3-Chl	0.176	0.164	0.188	0.175	0.174	0.160	0.173	5.64
93) T	1,2,4-Trichlorobe	1.204	1.262	1.225	1.101	1.033	1.216	1.174	7.46
94) T	Hexachlorobutadie	0.728	0.785	0.765	0.677	0.627	0.685	0.711	8.33
95) T	Naphthalene	2.014	2.410	2.705	2.375	2.363	2.126	2.332	10.36
96) T	1,2,3-Trichlorobe	1.006	1.211	1.217	1.093	1.056	1.248	1.138	8.78

(#) = Out of Range