

Method Path : Z:\V0ASRV\HPCHEM1\MSVOA F\METHODS\
 Method File : 82F071718S.M
 Title : SW846 8260
 Last Update : Wed Jul 18 04:09:10 2018
 Response Via : Initial Calibration

Calibration Files

5 =VF059510.D 20 =VF059512.D 50 =VF059513.D
 100 =VF059515.D 150 =VF059516.D 10 =VF059511.D

	Compound	5	20	50	100	150	10	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.716	0.636	0.536	0.565	0.588	0.635	0.613	10.43
3) P	Chloromethane	0.418	0.312	0.279	0.322	0.334	0.358	0.337	14.16
4) C	Vinyl Chloride	0.360	0.338	0.306	0.330	0.347	0.358	0.340	5.92#
5) T	Bromomethane	0.267	0.252	0.202	0.210	0.231	0.252	0.236	11.04
6) T	Chloroethane	0.170	0.183	0.154	0.161	0.174	0.187	0.171	7.43
7) T	Trichlorofluorome	0.884	0.872	0.767	0.772	0.796	0.903	0.832	7.29
8) T	Diethyl Ether	0.177	0.183	0.157	0.147	0.157	0.140	0.160	10.46
9) T	1,1,2-Trichlorotr	0.385	0.340	0.296	0.329	0.372	0.386	0.352	10.19
10) T	Methyl Iodide	0.595	0.623	0.548	0.590	0.634	0.703	0.615	8.48
11) T	Tert butyl alcoho	0.047	0.035	0.035	0.032	0.031	0.034	0.036	16.02
12) CM	1,1-Dichloroethen	0.432	0.380	0.312	0.336	0.373	0.409	0.374	11.91#
13) T	Acrolein	0.027	0.021	0.015	0.013	0.012	0.021	0.018	32.85
14) T	Allyl chloride	0.547	0.464	0.413	0.424	0.463	0.488	0.467	10.30
15) T	Acrylonitrile	0.073	0.068	0.065	0.063	0.061	0.061	0.065	7.30
16) T	Acetone	0.161	0.126	0.134	0.115	0.104	0.140	0.130	15.46
17) T	Carbon Disulfide	1.025	1.043	0.838	0.868	0.934	1.040	0.958	9.52
18) T	Methyl Acetate	0.391	0.230	0.263	0.217	0.231	0.292	0.271	23.88
19) T	Methyl tert-butyl	1.264	1.174	1.191	1.070	1.105	1.232	1.173	6.29
20) T	Methylene Chlorid	0.670	0.429	0.342	0.314	0.339	0.514	0.435	31.57
21) T	trans-1,2-Dichlor	0.348	0.359	0.316	0.329	0.343	0.379	0.346	6.41
22) T	Diisopropyl ether	1.306	1.363	1.310	1.234	1.318	1.335	1.311	3.28
23) T	Vinyl Acetate	0.764	0.809	0.758	0.686	0.715	0.865	0.766	8.36
24) P	1,1-Dichloroethan	0.854	0.822	0.764	0.740	0.796	0.883	0.810	6.67
25) T	2-Butanone	0.208	0.181	0.184	0.154	0.159	0.198	0.181	11.81
26) T	2,2-Dichloropropa	0.653	0.530	0.524	0.467	0.449	0.591	0.536	14.30
27) T	cis-1,2-Dichloroe	0.387	0.403	0.402	0.373	0.400	0.449	0.402	6.42
28) T	Bromochloromethan	0.390	0.357	0.375	0.316	0.332	0.369	0.356	7.77
29)	Tetrahydrofuran	0.104	0.084	0.080	0.071	0.068	0.085	0.082	15.46
30) C	Chloroform	1.227	1.230	1.136	1.071	1.131	1.225	1.170	5.72#
31) T	Cyclohexane	0.372	0.465	0.373	0.394	0.427	0.485	0.419	11.40
32) T	1,1,1-Trichloroet	0.765	0.817	0.728	0.697	0.723	0.830	0.760	7.08
33) S	1,2-Dichloroethan	0.849	0.810	0.781	0.716	0.737	0.772	0.778	6.19

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.455	0.433	0.446	0.409	0.399	0.458	0.433	5.65
36) T	1,1-Dichloroprope	0.522	0.547	0.474	0.467	0.470	0.522	0.500	6.82
37) T	Ethyl Acetate	0.325	0.326	0.299	0.257	0.245	0.374	0.304	15.84
38) T	Carbon Tetrachlor	0.586	0.617	0.522	0.530	0.540	0.647	0.574	8.94
39) T	Methylcyclohexane	0.360	0.432	0.345	0.349	0.342	0.451	0.380	12.76
40) TM	Benzene	0.997	1.048	0.922	0.842	0.902	1.114	0.971	10.40
41) T	Methacrylonitrile	0.164	0.140	0.138	0.128	0.125	0.166	0.144	12.35
42) TM	1,2-Dichloroethan	0.629	0.688	0.620	0.622	0.585	0.681	0.638	6.21
43) T	Isopropyl Acetate	0.371	0.365	0.354	0.340	0.339	0.389	0.360	5.39
44) TM	Trichloroethene	0.377	0.391	0.337	0.317	0.321	0.412	0.359	11.01
45) C	1,2-Dichloropropa	0.263	0.300	0.265	0.254	0.243	0.292	0.269	8.21#
46) T	Dibromomethane	0.254	0.253	0.241	0.231	0.229	0.265	0.245	5.73
47) T	Bromodichlorometh	0.606	0.671	0.626	0.608	0.596	0.684	0.632	5.81
48) T	Methyl methacryla	0.273	0.238	0.258	0.254	0.250	0.267	0.257	4.94
49) T	1,4-Dioxane	0.001	0.001	0.001	0.001	0.001	0.001	0.001	23.00
50) S	Toluene-d8	1.173	1.124	1.123	0.986	0.950	1.188	1.091	9.09
51) T	4-Methyl-2-Pentan	0.277	0.264	0.258	0.221	0.214	0.295	0.255	12.47
52) CM	Toluene	0.735	0.758	0.651	0.652	0.620	0.809	0.704	10.54#

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	Compound	5	20	50	100	150	10	Avq	%RSD
53) T	t-1,3-Dichloropro	0.584	0.621	0.570	0.521	0.527	0.663	0.581	9.42
54) T	cis-1,3-Dichlorop	0.561	0.619	0.580	0.564	0.531	0.617	0.579	5.90
55) T	1,1,2-Trichloroet	0.259	0.295	0.276	0.261	0.251	0.295	0.273	6.94
56) T	Ethyl methacrylat	0.328	0.343	0.344	0.336	0.316	0.362	0.338	4.62
57) T	1,3-Dichloropropa	0.480	0.514	0.461	0.440	0.449	0.551	0.482	8.84
58) T	2-Chloroethyl Vin	0.033	0.032	0.029	0.026	0.026	0.035	0.030	12.89
59) T	2-Hexanone	0.196	0.197	0.202	0.177	0.170	0.213	0.193	8.32
60) T	Dibromochlorometh	0.458	0.480	0.465	0.445	0.433	0.478	0.460	4.01
61) T	1,2-Dibromoethane	0.351	0.358	0.324	0.319	0.325	0.354	0.339	5.14
62) S	4-Bromofluorobenz	0.594	0.606	0.571	0.523	0.491	0.649	0.572	10.05
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.402	0.420	0.341	0.347	0.340	0.384	0.372	9.30
65) PM	Chlorobenzene	0.956	1.019	0.872	0.877	0.861	1.041	0.938	8.48
66) T	1,1,1,2-Tetrachlo	0.452	0.458	0.399	0.408	0.385	0.461	0.427	7.92
67) C	Ethyl Benzene	1.789	1.876	1.523	1.533	1.458	1.835	1.669	11.02#
68) T	m/p-Xylenes	0.645	0.661	0.539	0.536	0.503	0.650	0.589	11.92
69) T	o-Xylene	0.616	0.692	0.580	0.610	0.569	0.696	0.627	8.75
70) T	Styrene	1.051	1.018	0.890	0.912	0.851	1.062	0.964	9.40
71) P	Bromoform	0.290	0.298	0.295	0.300	0.287	0.310	0.297	2.66
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.306	3.506	2.993	2.842	2.800	3.483	3.155	10.07
74) T	N-amyl acetate	1.028	1.042	0.985	0.947	0.953	1.108	1.010	6.09
75) P	1,1,2,2-Tetrachlo	0.784	0.679	0.669	0.609	0.617	0.771	0.688	10.81
76) T	1,2,3-Trichloropr	0.606	0.600	0.532	0.512	0.508	0.615	0.562	8.88
77) T	Bromobenzene	0.941	0.970	0.841	0.771	0.808	0.975	0.884	10.01
78) T	n-propylbenzene	3.885	4.010	3.361	3.228	3.105	4.126	3.619	12.14
79) T	2-Chlorotoluene	2.479	2.451	2.062	1.974	1.916	2.494	2.229	12.24
80) T	1,3,5-Trimethylbe	2.896	2.977	2.485	2.406	2.275	2.825	2.644	11.03
81) T	trans-1,4-Dichlor	0.285	0.234	0.238	0.248	0.261	0.275	0.257	7.97
82) T	4-Chlorotoluene	2.713	2.771	2.356	2.218	2.187	2.741	2.498	10.96
83) T	tert-Butylbenzene	2.667	2.785	2.440	2.309	2.183	2.839	2.537	10.52
84) T	1,2,4-Trimethylbe	2.935	2.978	2.551	2.465	2.345	3.047	2.720	11.07
85) T	sec-Butylbenzene	3.469	3.414	3.070	2.960	2.739	3.711	3.227	11.28
86) T	p-Isopropyltoluen	2.930	3.184	2.655	2.490	2.362	3.225	2.808	12.89
87) T	1,3-Dichlorobenze	1.661	1.623	1.425	1.328	1.301	1.766	1.517	12.66
88) T	1,4-Dichlorobenze	1.621	1.592	1.388	1.360	1.345	1.664	1.495	9.74
89) T	n-Butylbenzene	2.698	2.897	2.513	2.384	2.192	3.082	2.628	12.57
90) T	Hexachloroethane	0.684	0.704	0.575	0.585	0.557	0.722	0.638	11.51
91) T	1,2-Dichlorobenze	1.610	1.586	1.350	1.279	1.225	1.656	1.451	12.94
92) T	1,2-Dibromo-3-Chl	0.134	0.168	0.152	0.157	0.159	0.167	0.156	7.97
93) T	1,2,4-Trichlorobe	0.864	0.949	0.839	0.813	0.792	1.033	0.882	10.43
94) T	Hexachlorobutadie	0.422	0.433	0.412	0.435	0.440	0.569	0.452	12.87
95) T	Naphthalene	1.818	1.809	1.791	1.825	1.782	1.966	1.832	3.69
96) T	1,2,3-Trichlorobe	0.790	0.786	0.733	0.769	0.852	0.850	0.797	5.85

(#) = Out of Range