

Method Path : Z:\VOASRV\HPCHEM1\MSVOA F\METHODS\
 Method File : 82F083018S.M
 Title : SW846 8260
 Last Update : Thu Aug 30 16:31:48 2018
 Response Via : Initial Calibration

Calibration Files

5 =VF060189.D 20 =VF060191.D 50 =VF060192.D
 100 =VF060194.D 150 =VF060195.D 10 =VF060190.D

	Compound	5	20	50	100	150	10	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.958	1.097	0.896	0.900	0.849	1.066	0.961	10.40
3) P	Chloromethane	0.626	0.568	0.515	0.514	0.530	0.607	0.560	8.65
4) C	Vinyl Chloride	0.460	0.436	0.388	0.416	0.414	0.439	0.425	5.84#
5) T	Bromomethane	0.469	0.375	0.345	0.318	0.319	0.441	0.378	16.90
6) T	Chloroethane	0.227	0.241	0.224	0.212	0.195	0.275	0.229	12.03
7) T	Trichlorofluorome	1.237	1.213	1.172	1.094	0.780	1.280	1.129	16.13
8) T	Diethyl Ether	0.146	0.172	0.159	0.167	0.167	0.154	0.161	6.00
9) T	1,1,2-Trichlorotr	0.559	0.585	0.530	0.515	0.503	0.541	0.539	5.59
10) T	Methyl Iodide	0.457	0.489	0.474	0.431	0.436	0.503	0.465	6.20
11) T	Tert butyl alcoho	0.045	0.054	0.045	0.045	0.047	0.041	0.046	9.35
12) CM	1,1-Dichloroethen	0.341	0.365	0.362	0.342	0.333	0.361	0.351	3.90#
13) T	Acrolein	0.028	0.028	0.026	0.025	0.027	0.028	0.027	3.93
14) T	Allyl chloride	0.558	0.577	0.511	0.472	0.453	0.625	0.533	12.30
15) T	Acrylonitrile	0.069	0.076	0.064	0.066	0.069	0.063	0.068	6.65
16) T	Acetone	0.243	0.242	0.199	0.187	0.188	0.248	0.218	13.43
17) T	Carbon Disulfide	1.128	1.202	1.110	1.127	1.128	1.176	1.145	3.11
18) T	Methyl Acetate	0.375	0.365	0.307	0.295	0.284	0.364	0.332	12.28
19) T	Methyl tert-butyl	1.118	1.309	1.169	1.216	1.250	1.192	1.209	5.47
20) T	Methylene Chlorid	0.648	0.447	0.359	0.389	0.383	0.490	0.453	23.61
21) T	trans-1,2-Dichlor	0.371	0.401	0.365	0.378	0.372	0.394	0.380	3.75
22) T	Diisopropyl ether	1.225	1.269	1.244	1.352	1.363	1.246	1.283	4.62
23) T	Vinyl Acetate	0.640	0.900	0.796	0.853	0.880	0.677	0.791	13.81
24) P	1,1-Dichloroethan	0.820	0.892	0.850	0.840	0.842	0.919	0.861	4.29
25) T	2-Butanone	0.261	0.313	0.256	0.241	0.248	0.266	0.264	9.67
26) T	2,2-Dichloropropa	0.997	1.166	1.030	1.078	1.080	0.953	1.051	7.09
27) T	cis-1,2-Dichloroe	0.462	0.571	0.512	0.538	0.533	0.536	0.525	6.90
28) T	Bromochloromethan	0.353	0.357	0.321	0.270	0.276	0.364	0.324	12.99
29)	Tetrahydrofuran	0.094	0.108	0.097	0.091	0.092	0.095	0.096	6.44
30) C	Chloroform	1.239	1.465	1.362	1.327	1.319	1.396	1.351	5.66#
31) T	Cyclohexane	0.605	0.617	0.611	0.600	0.620	0.633	0.614	1.91
32) T	1,1,1-Trichloroet	1.189	1.353	1.257	1.255	1.247	1.298	1.266	4.34
33) S	1,2-Dichloroethan	0.819	0.981	0.937	0.889	0.911	0.882	0.903	6.06
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.472	0.500	0.490	0.449	0.433	0.434	0.463	6.15
36) T	1,1-Dichloroprope	0.465	0.577	0.546	0.549	0.548	0.494	0.530	7.88
37) T	Ethyl Acetate	0.337	0.420	0.350	0.315	0.322	0.301	0.341	12.43
38) T	Carbon Tetrachlor	0.698	0.798	0.743	0.744	0.745	0.712	0.740	4.68
39) T	Methylcyclohexane	0.448	0.514	0.471	0.450	0.476	0.423	0.464	6.64
40) TM	Benzene	1.005	1.150	1.060	1.021	1.020	1.018	1.046	5.21
41) T	Methacrylonitrile	0.137	0.157	0.149	0.151	0.151	0.145	0.149	4.54
42) TM	1,2-Dichloroethan	0.645	0.812	0.742	0.743	0.730	0.688	0.726	7.77
43) T	Isopropyl Acetate	0.425	0.442	0.388	0.396	0.416	0.376	0.407	6.09
44) TM	Trichloroethene	0.341	0.414	0.377	0.355	0.353	0.367	0.368	7.07
45) C	1,2-Dichloropropa	0.287	0.353	0.321	0.304	0.290	0.305	0.310	7.81#
46) T	Dibromomethane	0.256	0.316	0.287	0.279	0.281	0.295	0.285	6.88
47) T	Bromodichlorometh	0.624	0.776	0.705	0.715	0.708	0.657	0.697	7.48
48) T	Methyl methacryla	0.260	0.302	0.288	0.288	0.292	0.249	0.280	7.36
49) T	1,4-Dioxane	0.002	0.003	0.003	0.003	0.003	0.002	0.002	17.35
50) S	Toluene-d8	1.143	1.256	1.196	1.114	1.070	1.105	1.147	5.92
51) T	4-Methyl-2-Pentan	0.441	0.425	0.370	0.324	0.319	0.346	0.371	13.94
52) CM	Toluene	0.839	0.861	0.765	0.708	0.739	0.818	0.788	7.65#

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	Compound	5	20	50	100	150	10	Avg	%RSD
53) T	t-1,3-Dichloropro	0.571	0.726	0.640	0.617	0.606	0.600	0.627	8.54
54) T	cis-1,3-Dichlorop	0.537	0.739	0.662	0.643	0.640	0.600	0.637	10.50
55) T	1,1,2-Trichloroet	0.284	0.365	0.318	0.315	0.304	0.295	0.314	8.98
56) T	Ethyl methacrylat	0.426	0.416	0.399	0.385	0.394	0.356	0.396	6.26
57) T	1,3-Dichloropropa	0.517	0.612	0.568	0.549	0.546	0.543	0.556	5.78
58) T	2-Chloroethyl Vin	0.037	0.040	0.034	0.031	0.031	0.037	0.035	9.86
59) T	2-Hexanone	0.382	0.348	0.304	0.263	0.257	0.278	0.305	16.45
60) T	Dibromochlorometh	0.429	0.565	0.520	0.529	0.509	0.486	0.506	9.03
61) T	1,2-Dibromoethane	0.381	0.416	0.401	0.386	0.386	0.345	0.386	6.14
62) S	4-Bromofluorobenz	0.693	0.734	0.696	0.631	0.607	0.667	0.671	6.89
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.385	0.388	0.377	0.349	0.355	0.379	0.372	4.41
65) PM	Chlorobenzene	1.075	1.097	1.008	0.970	0.952	1.044	1.024	5.63
66) T	1,1,1,2-Tetrachlo	0.399	0.445	0.429	0.417	0.424	0.415	0.421	3.69
67) C	Ethyl Benzene	1.861	1.982	1.796	1.694	1.623	1.843	1.800	7.10#
68) T	m/p-Xylenes	0.657	0.714	0.624	0.581	0.572	0.667	0.636	8.53
69) T	o-Xylene	0.668	0.731	0.688	0.630	0.644	0.678	0.673	5.27
70) T	Stvrene	1.034	1.173	1.053	0.940	0.962	1.101	1.044	8.33
71) P	Bromoform	0.272	0.346	0.308	0.304	0.318	0.258	0.301	10.52
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.288	3.831	3.232	3.109	3.011	3.261	3.289	8.68
74) T	N-amyl acetate	1.143	1.080	1.030	1.008	1.031	0.853	1.024	9.45
75) P	1,1,2,2-Tetrachlo	0.721	0.760	0.683	0.641	0.623	0.633	0.677	8.09
76) T	1,2,3-Trichloropr	0.595	0.626	0.582	0.533	0.545	0.564	0.574	5.94
77) T	Bromobenzene	0.875	0.946	0.867	0.824	0.803	0.884	0.866	5.77
78) T	n-propylbenzene	4.146	4.421	3.895	3.542	3.374	4.113	3.915	10.09
79) T	2-Chlorotoluene	2.382	2.601	2.403	2.242	2.072	2.281	2.330	7.64
80) T	1,3,5-Trimethylbe	2.858	3.083	2.799	2.653	2.593	2.851	2.806	6.18
81) T	trans-1,4-Dichlor	0.194	0.215	0.236	0.251	0.233	0.195	0.221	10.64
82) T	4-Chlorotoluene	2.859	2.930	2.589	2.481	2.360	2.703	2.654	8.27
83) T	tert-Butylbenzene	2.919	3.044	2.797	2.518	2.398	2.792	2.745	8.87
84) T	1,2,4-Trimethylbe	3.265	3.268	2.933	2.767	2.604	3.040	2.980	8.97
85) T	sec-Butylbenzene	4.044	4.040	3.628	3.470	3.255	3.695	3.689	8.48
86) T	p-Isopropyltoluen	3.349	3.619	3.172	2.944	2.821	3.299	3.201	9.03
87) T	1,3-Dichlorobenze	1.844	1.829	1.558	1.461	1.423	1.727	1.640	11.26
88) T	1,4-Dichlorobenze	1.695	1.760	1.585	1.486	1.457	1.569	1.592	7.37
89) T	n-Butylbenzene	2.923	3.527	3.225	2.855	2.810	3.191	3.088	8.94
90) T	Hexachloroethane	0.725	0.780	0.700	0.693	0.699	0.718	0.719	4.48
91) T	1,2-Dichlorobenze	1.649	1.678	1.542	1.429	1.401	1.630	1.555	7.58
92) T	1,2-Dibromo-3-Chl	0.152	0.193	0.181	0.170	0.181	0.145	0.170	10.98
93) T	1,2,4-Trichlorobe	1.190	1.278	1.202	1.117	1.083	1.211	1.180	5.93
94) T	Hexachlorobutadie	0.832	0.841	0.766	0.738	0.699	0.761	0.773	7.09
95) T	Naphthalene	1.762	1.892	2.039	2.061	2.108	1.654	1.919	9.49
96) T	1,2,3-Trichlorobe	1.113	1.269	1.164	1.126	1.121	1.104	1.150	5.41

(#) = Out of Range