

Method Path : Z:\VOASRV\HPCHEM1\MSVOA F\METHODS\
 Method File : 82F102918S.M
 Title : SW846 8260
 Last Update : Tue Oct 30 05:31:58 2018
 Response Via : Initial Calibration

Calibration Files

5 =VF060531.D 20 =VF060533.D 50 =VF060534.D
 100 =VF060536.D 150 =VF060537.D 10 =VF060532.D

	Compound	5	20	50	100	150	10	Avq	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.989	1.241	0.774	0.799	0.808	1.243	0.976	22.55
3) P	Chloromethane	0.672	0.653	0.497	0.489	0.506	0.646	0.577	15.28
4) C	Vinyl Chloride	0.654	0.649	0.521	0.526	0.572	0.675	0.599	11.43#
5) T	Bromomethane	0.587	0.477	0.422	0.405	0.453	0.482	0.471	13.65
6) T	Chloroethane	0.373	0.310	0.268	0.268	0.323	0.332	0.312	12.93
7) T	Trichlorofluorome	1.729	1.509	1.315	1.273	1.344	1.496	1.444	11.75
8) T	Diethyl Ether	0.213	0.162	0.165	0.165	0.198	0.185	0.181	11.60
9) T	1,1,2-Trichlorotr	0.867	0.733	0.602	0.593	0.648	0.769	0.702	15.29
10) T	Methyl Iodide	1.202	1.108	0.973	1.001	1.117	1.154	1.092	8.12
11) T	Tert butyl alcoho	0.047	0.030	0.033	0.032	0.037	0.038	0.036	16.87
12) CM	1,1-Dichloroethen	0.704	0.582	0.479	0.478	0.564	0.564	0.562	14.80#
13) T	Acrolein	0.046	0.030	0.026	0.026	0.029	0.033	0.032	23.72
14) T	Allyl chloride	1.068	0.896	0.789	0.818	0.937	0.854	0.893	11.24
15) T	Acrylonitrile	0.086	0.076	0.070	0.070	0.080	0.080	0.077	8.33
16) T	Acetone	0.204	0.169	0.149	0.133	0.150	0.187	0.165	16.02
17) T	Carbon Disulfide	1.806	1.669	1.422	1.406	1.554	1.620	1.579	9.67
18) T	Methyl Acetate	0.373	0.155	0.238	0.228	0.254	0.200	0.241	30.35
19) T	Methyl tert-butyl	1.365	1.228	1.215	1.182	1.345	1.219	1.259	6.04
20) T	Methylene Chlorid	0.839	0.560	0.462	0.471	0.521	0.640	0.582	24.35
21) T	trans-1,2-Dichlor	0.661	0.580	0.505	0.510	0.588	0.605	0.575	10.34
22) T	Diisopropyl ether	1.791	1.643	1.536	1.502	1.667	1.598	1.623	6.37
23) T	Vinyl Acetate	0.617	0.615	0.606	0.605	0.586	0.584	0.602	2.32
24) P	1,1-Dichloroethan	1.318	1.221	1.031	1.028	1.175	1.253	1.171	10.17
25) T	2-Butanone	0.364	0.215	0.179	0.172	0.167	0.246	0.224	33.54
26) T	2,2-Dichloropropa	0.799	0.767	0.726	0.674	0.601	0.799	0.728	10.76
27) T	cis-1,2-Dichloroe	0.727	0.729	0.691	0.674	0.640	0.697	0.693	4.87
28) T	Bromochloromethan	0.494	0.395	0.430	0.395	0.382	0.435	0.422	9.83
29)	Tetrahydrofuran	0.098	0.063	0.069	0.067	0.060	0.058	0.069	21.17
30) C	Chloroform	1.594	1.515	1.434	1.382	1.392	1.559	1.479	6.04#
31) T	Cyclohexane	0.830	0.884	0.792	0.803	0.771	0.937	0.836	7.54
32) T	1,1,1-Trichloroet	1.208	1.316	1.206	1.212	1.124	1.270	1.223	5.36
33) S	1,2-Dichloroethan	0.827	0.712	0.778	0.770	0.777	0.763	0.771	4.78

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.549	0.499	0.465	0.436	0.440	0.490	0.480	8.85
36) T	1,1-Dichloroprope	0.620	0.681	0.602	0.556	0.599	0.679	0.623	7.85
37) T	Ethyl Acetate	0.259	0.188	0.199	0.195	0.181	0.188	0.202	14.20
38) T	Carbon Tetrachlor	0.792	0.818	0.723	0.671	0.667	0.805	0.746	9.17
39) T	Methylcyclohexane	0.637	0.689	0.605	0.563	0.567	0.714	0.629	10.00
40) TM	Benzene	1.255	1.325	1.227	1.170	1.149	1.287	1.236	5.46
41) T	Methacrylonitrile	0.116	0.120	0.114	0.107	0.109	0.126	0.115	6.22
42) TM	1,2-Dichloroethan	0.551	0.607	0.584	0.550	0.581	0.568	0.574	3.80
43) T	Isopropyl Acetate	0.270	0.238	0.260	0.265	0.237	0.195	0.244	11.42
44) TM	Trichloroethene	0.417	0.442	0.385	0.358	0.370	0.425	0.399	8.35
45) C	1,2-Dichloropropa	0.290	0.336	0.299	0.302	0.290	0.334	0.308	6.80#
46) T	Dibromomethane	0.225	0.255	0.249	0.243	0.244	0.237	0.242	4.22
47) T	Bromodichlorometh	0.606	0.645	0.646	0.603	0.634	0.594	0.621	3.71
48) T	Methyl methacryla	0.132	0.181	0.188	0.176	0.175	0.159	0.168	11.89
49) T	1,4-Dioxane	0.001	0.002	0.002	0.002	0.002	0.002	0.002	11.02
50) S	Toluene-d8	1.194	1.246	1.208	1.101	1.050	1.231	1.172	6.69
51) T	4-Methyl-2-Pentan	0.190	0.188	0.182	0.166	0.155	0.181	0.177	7.71
52) CM	Toluene	0.784	0.859	0.818	0.806	0.729	0.817	0.802	5.41#

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	Compound	5	20	50	100	150	10	Avg	%RSD
53) T	t-1,3-Dichloropro	0.480	0.528	0.515	0.475	0.464	0.450	0.485	6.25
54) T	cis-1,3-Dichlorop	0.549	0.614	0.598	0.576	0.552	0.562	0.575	4.55
55) T	1,1,2-Trichloroet	0.236	0.259	0.257	0.231	0.228	0.230	0.240	5.96
56) T	Ethyl methacrylat	0.269	0.271	0.299	0.279	0.248	0.252	0.270	6.88
57) T	1,3-Dichloropropa	0.411	0.429	0.450	0.396	0.362	0.392	0.407	7.60
58) T	2-Chloroethyl Vin	0.027	0.030	0.028	0.027	0.027	0.028	0.028	3.81
59) T	2-Hexanone	0.167	0.135	0.128	0.118	0.104	0.115	0.128	17.27
60) T	Dibromochlorometh	0.368	0.413	0.416	0.393	0.378	0.356	0.387	6.32
61) T	1,2-Dibromoethane	0.289	0.287	0.292	0.276	0.263	0.262	0.278	4.77
62) S	4-Bromofluorobenz	0.587	0.567	0.558	0.519	0.466	0.542	0.540	7.92
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.418	0.444	0.439	0.370	0.399	0.467	0.423	8.23
65) PM	Chlorobenzene	1.040	1.033	1.051	0.952	0.923	1.037	1.006	5.37
66) T	1,1,1,2-Tetrachlo	0.458	0.496	0.456	0.411	0.446	0.484	0.458	6.54
67) C	Ethyl Benzene	1.960	2.089	1.994	1.703	1.734	2.053	1.922	8.55#
68) T	m/p-Xylenes	0.679	0.699	0.668	0.583	0.586	0.724	0.656	8.96
69) T	o-Xylene	0.756	0.778	0.771	0.663	0.665	0.803	0.739	8.16
70) T	Styrene	1.090	1.162	1.070	0.955	0.944	1.033	1.042	7.99
71) P	Bromoform	0.227	0.236	0.249	0.223	0.244	0.239	0.236	4.19
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.260	4.096	3.723	3.401	3.309	4.144	3.822	10.60
74) T	N-amyl acetate	0.832	0.750	0.743	0.790	0.733	0.743	0.765	5.00
75) P	1,1,2,2-Tetrachlo	0.638	0.641	0.663	0.646	0.583	0.656	0.638	4.49
76) T	1,2,3-Trichloropr	0.497	0.512	0.476	0.473	0.462	0.457	0.480	4.38
77) T	Bromobenzene	0.890	0.891	0.818	0.801	0.796	0.850	0.841	5.10
78) T	n-propylbenzene	5.023	5.192	4.335	4.001	3.799	4.850	4.533	12.62
79) T	2-Chlorotoluene	2.916	3.067	2.642	2.410	2.371	2.874	2.713	10.50
80) T	1,3,5-Trimethylbe	3.507	3.767	3.205	2.889	2.813	3.634	3.303	12.02
81) T	trans-1,4-Dichlor	0.162	0.236	0.219	0.242	0.205	0.192	0.210	14.11
82) T	4-Chlorotoluene	3.148	3.011	2.692	2.600	2.421	3.008	2.813	10.10
83) T	tert-Butylbenzene	3.473	3.559	3.084	2.765	2.664	3.656	3.200	13.26
84) T	1,2,4-Trimethylbe	3.698	3.722	3.158	2.987	2.876	3.686	3.355	11.67
85) T	sec-Butylbenzene	4.827	5.050	4.234	3.871	3.778	5.150	4.485	13.45
86) T	p-Isopropyltoluen	3.925	4.120	3.526	3.191	3.095	4.230	3.681	13.09
87) T	1,3-Dichlorobenze	1.947	1.879	1.569	1.459	1.424	1.794	1.679	13.33
88) T	1,4-Dichlorobenze	1.737	1.652	1.529	1.461	1.443	1.683	1.584	7.77
89) T	n-Butylbenzene	4.272	4.508	3.719	3.303	3.023	4.577	3.900	16.71
90) T	Hexachloroethane	0.930	1.024	0.927	0.899	0.872	1.050	0.950	7.46
91) T	1,2-Dichlorobenze	1.718	1.697	1.550	1.465	1.356	1.703	1.581	9.46
92) T	1,2-Dibromo-3-Chl	0.122	0.123	0.135	0.144	0.144	0.125	0.132	7.87
93) T	1,2,4-Trichlorobe	1.300	1.292	1.136	1.059	0.997	1.323	1.185	11.79
94) T	Hexachlorobutadie	0.858	0.942	0.810	0.748	0.747	0.928	0.839	10.20
95) T	Naphthalene	2.059	2.133	2.150	2.128	1.980	2.121	2.095	3.07
96) T	1,2,3-Trichlorobe	1.120	1.244	1.118	1.031	1.001	1.251	1.128	9.25

(#) = Out of Range