

Method Path : Z:\V0ASRV\HPCHEM1\MSVOA F\METHODS\
 Method File : 82F082118S.M
 Title : SW846 8260
 Last Update : Wed Aug 22 04:43:43 2018
 Response Via : Initial Calibration

Calibration Files

5 =VF060023.D 20 =VF060025.D 50 =VF060026.D
 100 =VF060028.D 150 =VF060029.D 10 =VF060024.D

	Compound	5	20	50	100	150	10	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.812	0.726	0.618	0.590	0.571	0.632	0.658	14.06
3) P	Chloromethane	0.688	0.493	0.432	0.423	0.401	0.476	0.485	21.64
4) C	Vinyl Chloride	0.429	0.483	0.387	0.388	0.368	0.397	0.409	10.19#
5) T	Bromomethane	0.355	0.334	0.300	0.286	0.271	0.318	0.311	10.01
6) T	Chloroethane	0.173	0.172	0.155	0.152	0.139	0.175	0.161	9.05
7) T	Trichlorofluorome	0.918	0.920	0.857	0.769	0.609	0.860	0.822	14.38
8) T	Diethyl Ether	0.143	0.155	0.151	0.155	0.147	0.131	0.147	6.28
9) T	1,1,2-Trichlorotr	0.433	0.474	0.434	0.414	0.391	0.442	0.431	6.43
10) T	Methyl Iodide	0.519	0.646	0.600	0.580	0.556	0.522	0.570	8.55
11) T	Tert butyl alcoho	0.036	0.038	0.036	0.038	0.035	0.034	0.036	4.77
12) CM	1,1-Dichloroethen	0.322	0.346	0.322	0.302	0.289	0.326	0.318	6.29#
13) T	Acrolein	0.013	0.013	0.022	0.024	0.024	0.014	0.018	30.12
14) T	Allyl chloride	0.600	0.640	0.547	0.544	0.501	0.555	0.564	8.61
15) T	Acrylonitrile	0.078	0.075	0.068	0.072	0.068	0.070	0.072	5.53
16) T	Acetone	0.177	0.208	0.181	0.174	0.158	0.181	0.180	9.01
17) T	Carbon Disulfide	1.078	1.167	0.902	0.895	0.827	1.102	0.995	13.83
18) T	Methyl Acetate	0.475	0.371	0.307	0.308	0.284	0.344	0.348	19.88
19) T	Methyl tert-butyl	1.028	1.079	1.027	1.028	1.001	0.946	1.018	4.26
20) T	Methylene Chlorid	0.621	0.445	0.359	0.346	0.325	0.408	0.417	26.13
21) T	trans-1,2-Dichlor	0.397	0.387	0.327	0.331	0.319	0.374	0.356	9.63
22) T	Diisopropyl ether	1.254	1.342	1.271	1.273	1.218	1.228	1.264	3.49
23) T	Vinyl Acetate	0.570	0.742	0.724	0.733	0.669	0.579	0.670	11.63
24) P	1,1-Dichloroethan	0.834	0.870	0.771	0.754	0.727	0.729	0.781	7.51
25) T	2-Butanone	0.246	0.254	0.232	0.233	0.213	0.223	0.234	6.45
26) T	2,2-Dichloropropa	0.799	0.898	0.802	0.818	0.813	0.717	0.808	7.11
27) T	cis-1,2-Dichloroe	0.551	0.502	0.509	0.497	0.475	0.490	0.504	5.11
28) T	Bromochloromethan	0.375	0.363	0.316	0.301	0.256	0.366	0.330	14.15
29)	Tetrahydrofuran	0.099	0.093	0.088	0.087	0.078	0.084	0.088	8.24
30) C	Chloroform	1.148	1.159	1.091	1.076	1.037	1.067	1.096	4.36#
31) T	Cyclohexane	0.690	0.661	0.567	0.554	0.498	0.600	0.595	11.95
32) T	1,1,1-Trichloroet	0.972	1.014	0.948	0.915	0.866	0.917	0.939	5.46
33) S	1,2-Dichloroethan	0.724	0.741	0.654	0.699	0.647	0.641	0.684	6.22

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.417	0.415	0.390	0.373	0.355	0.406	0.393	6.34
36) T	1,1-Dichloroprope	0.526	0.496	0.459	0.431	0.411	0.496	0.470	9.29
37) T	Ethyl Acetate	0.287	0.303	0.274	0.265	0.241	0.315	0.281	9.45
38) T	Carbon Tetrachlor	0.601	0.583	0.536	0.488	0.506	0.551	0.544	7.97
39) T	Methylcyclohexane	0.516	0.482	0.414	0.385	0.374	0.473	0.441	13.11
40) TM	Benzene	1.194	1.125	0.974	0.920	0.888	1.058	1.026	11.67
41) T	Methacrylonitrile	0.172	0.143	0.134	0.134	0.126	0.144	0.142	11.40
42) TM	1,2-Dichloroethan	0.623	0.573	0.532	0.516	0.489	0.569	0.550	8.72
43) T	Isopropyl Acetate	0.367	0.370	0.357	0.357	0.341	0.330	0.354	4.38
44) TM	Trichloroethene	0.405	0.364	0.323	0.305	0.293	0.346	0.339	12.23
45) C	1,2-Dichloropropa	0.317	0.310	0.294	0.278	0.269	0.272	0.290	7.00#
46) T	Dibromomethane	0.239	0.233	0.227	0.220	0.214	0.230	0.227	3.99
47) T	Bromodichlorometh	0.578	0.578	0.541	0.532	0.518	0.545	0.549	4.48
48) T	Methyl methacryla	0.253	0.232	0.239	0.234	0.222	0.224	0.234	4.85
49) T	1,4-Dioxane	0.002	0.003	0.002	0.002	0.002	0.002	0.002	9.69
50) S	Toluene-d8	1.221	1.210	1.062	1.037	0.976	1.184	1.115	9.26
51) T	4-Methyl-2-Pentan	0.348	0.329	0.300	0.283	0.252	0.320	0.305	11.25
52) CM	Toluene	0.889	0.845	0.694	0.630	0.612	0.816	0.747	15.75#

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	Compound	5	20	50	100	150	10	Avq	%RSD
53) T	t-1,3-Dichloropro	0.533	0.541	0.482	0.473	0.452	0.505	0.498	7.02
54) T	cis-1,3-Dichlorop	0.556	0.605	0.571	0.534	0.512	0.554	0.555	5.76
55) T	1,1,2-Trichloroet	0.282	0.309	0.282	0.275	0.261	0.253	0.277	7.03
56) T	Ethyl methacrylat	0.320	0.365	0.351	0.341	0.327	0.308	0.335	6.31
57) T	1,3-Dichloropropa	0.512	0.520	0.505	0.457	0.441	0.486	0.487	6.52
58) T	2-Chloroethyl Vin	0.031	0.030	0.025	0.023	0.022	0.029	0.027	14.76
59) T	2-Hexanone	0.269	0.276	0.244	0.222	0.207	0.265	0.247	11.33
60) T	Dibromochlorometh	0.411	0.411	0.412	0.413	0.410	0.395	0.409	1.66
61) T	1,2-Dibromoethane	0.340	0.339	0.323	0.317	0.307	0.325	0.325	3.88
62) S	4-Bromofluorobenz	0.665	0.642	0.560	0.528	0.499	0.645	0.590	11.86
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.413	0.342	0.328	0.302	0.304	0.330	0.337	12.07
65) PM	Chlorobenzene	1.104	0.996	0.911	0.868	0.845	0.942	0.944	10.04
66) T	1,1,1,2-Tetrachlo	0.383	0.371	0.345	0.348	0.355	0.347	0.358	4.32
67) C	Ethyl Benzene	1.869	1.773	1.539	1.424	1.463	1.707	1.629	11.04#
68) T	m/p-Xylenes	0.747	0.664	0.567	0.511	0.491	0.620	0.600	16.16
69) T	o-Xylene	0.699	0.689	0.641	0.575	0.588	0.638	0.638	7.95
70) T	Styrene	1.102	1.071	0.938	0.895	0.864	1.004	0.979	9.80
71) P	Bromoform	0.245	0.258	0.246	0.261	0.260	0.229	0.250	4.85
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.232	3.311	2.984	2.778	2.605	3.149	3.010	9.13
74) T	N-amyl acetate	0.920	0.980	0.991	0.954	0.922	0.847	0.935	5.58
75) P	1,1,2,2-Tetrachlo	0.694	0.693	0.671	0.626	0.608	0.651	0.657	5.38
76) T	1,2,3-Trichloropr	0.568	0.550	0.500	0.488	0.452	0.501	0.510	8.29
77) T	Bromobenzene	0.908	0.894	0.816	0.756	0.716	0.821	0.819	9.15
78) T	n-propylbenzene	4.443	4.090	3.658	3.200	3.044	3.853	3.715	14.28
79) T	2-Chlorotoluene	2.521	2.355	2.132	1.930	1.888	2.281	2.184	11.34
80) T	1,3,5-Trimethylbe	2.918	2.930	2.603	2.357	2.169	2.756	2.622	11.77
81) T	trans-1,4-Dichlor	0.188	0.251	0.242	0.250	0.235	0.233	0.233	10.01
82) T	4-Chlorotoluene	2.708	2.556	2.302	2.188	2.037	2.438	2.371	10.35
83) T	tert-Butylbenzene	2.838	2.833	2.516	2.252	2.185	2.721	2.557	11.27
84) T	1,2,4-Trimethylbe	3.255	3.056	2.701	2.466	2.361	2.887	2.788	12.36
85) T	sec-Butylbenzene	4.314	3.795	3.465	3.175	2.985	3.627	3.560	13.27
86) T	p-Isopropyltoluen	3.316	3.392	2.943	2.653	2.487	2.932	2.954	12.04
87) T	1,3-Dichlorobenze	1.795	1.675	1.492	1.333	1.275	1.512	1.513	13.06
88) T	1,4-Dichlorobenze	1.682	1.649	1.441	1.405	1.347	1.501	1.504	8.97
89) T	n-Butylbenzene	3.101	3.199	2.983	2.594	2.458	2.883	2.870	10.11
90) T	Hexachloroethane	0.723	0.690	0.663	0.631	0.622	0.653	0.664	5.71
91) T	1,2-Dichlorobenze	1.562	1.543	1.453	1.343	1.291	1.540	1.455	7.89
92) T	1,2-Dibromo-3-Chl	0.131	0.135	0.140	0.141	0.141	0.118	0.134	6.56
93) T	1,2,4-Trichlorobe	1.158	1.171	1.137	1.022	0.953	0.990	1.072	8.85
94) T	Hexachlorobutadie	0.683	0.743	0.674	0.627	0.596	0.679	0.667	7.58
95) T	Naphthalene	1.381	1.530	1.864	2.067	1.851	1.104	1.633	21.96
96) T	1,2,3-Trichlorobe	1.030	1.113	1.091	1.021	0.970	0.911	1.023	7.35

(#) = Out of Range