

Method Path : Z:\VOASRV\HPCHEM1\MSVOA F\METHODS\
 Method File : 82F090618S.M
 Title : SW846 8260
 Last Update : Fri Sep 07 10:44:05 2018
 Response Via : Initial Calibration

Calibration Files

5 =VF060197.D 20 =VF060199.D 50 =VF060200.D
 100 =VF060202.D 75 =VF060203.D 10 =VF060198.D

	Compound	5	20	50	100	75	10	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	1.032	1.061	0.839	0.914	0.842	1.029	0.953	10.56
3) P	Chloromethane	0.599	0.570	0.444	0.492	0.418	0.494	0.503	13.99
4) C	Vinyl Chloride	0.361	0.409	0.375	0.405	0.379	0.395	0.387	4.79#
5) T	Bromomethane	0.427	0.370	0.304	0.336	0.316	0.328	0.347	13.06
6) T	Chloroethane	0.242	0.287	0.236	0.266	0.228	0.230	0.248	9.34
7) T	Trichlorofluorome	1.077	1.022	1.053	1.070	1.012	1.247	1.080	7.93
8) T	Diethyl Ether	0.168	0.168	0.157	0.162	0.146	0.157	0.160	5.21
9) T	1,1,2-Trichlorotr	0.519	0.575	0.507	0.535	0.490	0.545	0.528	5.69
10) T	Methyl Iodide	0.524	0.524	0.426	0.445	0.455	0.481	0.476	8.71
11) T	Tert butyl alcoho	0.052	0.042	0.044	0.033	0.037	0.026	0.039	22.86
12) CM	1,1-Dichloroethen	0.388	0.376	0.331	0.354	0.340	0.368	0.359	6.09#
13) T	Acrolein	0.028	0.021	0.020	0.018	0.017	0.021	0.021	18.92
14) T	Allyl chloride	0.562	0.599	0.501	0.545	0.502	0.525	0.539	7.06
15) T	Acrylonitrile	0.082	0.066	0.066	0.059	0.065	0.061	0.066	12.30
16) T	Acetone	0.239	0.223	0.200	0.155	0.197	0.157	0.195	17.46
17) T	Carbon Disulfide	0.918	1.105	1.044	1.123	1.056	1.038	1.047	6.87
18) T	Methyl Acetate	0.338	0.300	0.288	0.289	0.290	0.266	0.295	8.09
19) T	Methyl tert-butyl	1.217	1.226	1.167	1.193	1.182	1.147	1.189	2.51
20) T	Methylene Chlorid	0.829	0.623	0.424	0.399	0.379	0.789	0.574	35.26
21) T	trans-1,2-Dichlor	0.339	0.383	0.359	0.387	0.384	0.355	0.368	5.36
22) T	Diisopropyl ether	1.403	1.357	1.330	1.335	1.329	1.350	1.351	2.08
23) T	Vinyl Acetate	0.301	0.508	0.518	0.613	0.584	0.322	0.474	27.90
24) P	1,1-Dichloroethan	0.870	0.940	0.864	0.876	0.844	0.876	0.879	3.70
25) T	2-Butanone	0.271	0.280	0.238	0.206	0.241	0.237	0.246	10.89
26) T	2,2-Dichloropropa	0.834	1.249	1.237	1.266	1.189	0.835	1.102	18.91
27) T	cis-1,2-Dichloroe	0.447	0.489	0.490	0.496	0.495	0.463	0.480	4.23
28) T	Bromochloromethan	0.306	0.342	0.262	0.268	0.282	0.336	0.299	11.54
29)	Tetrahydrofuran	0.092	0.093	0.086	0.069	0.082	0.064	0.081	15.04
30) C	Chloroform	1.259	1.386	1.261	1.328	1.231	1.257	1.287	4.53#
31) T	Cyclohexane	0.555	0.637	0.593	0.593	0.596	0.631	0.601	4.98
32) T	1,1,1-Trichloroet	1.234	1.342	1.273	1.308	1.208	1.329	1.282	4.18
33) S	1,2-Dichloroethan	0.835	0.907	0.883	0.877	0.869	0.869	0.873	2.68

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.503	0.518	0.463	0.492	0.475	0.488	0.490	3.97
36) T	1,1-Dichloroprope	0.579	0.588	0.583	0.605	0.594	0.582	0.588	1.63
37) T	Ethyl Acetate	0.426	0.324	0.327	0.277	0.300	0.275	0.322	17.26
38) T	Carbon Tetrachlor	0.784	0.849	0.805	0.880	0.771	0.765	0.809	5.67
39) T	Methylcyclohexane	0.505	0.493	0.492	0.511	0.486	0.470	0.493	2.94
40) TM	Benzene	1.065	1.071	0.967	1.097	1.076	1.016	1.049	4.59
41) T	Methacrylonitrile	0.160	0.169	0.161	0.131	0.152	0.146	0.153	8.77
42) TM	1,2-Dichloroethan	0.745	0.776	0.765	0.780	0.751	0.730	0.758	2.54
43) T	Isopropyl Acetate	0.356	0.345	0.365	0.347	0.351	0.289	0.342	7.85
44) TM	Trichloroethene	0.475	0.441	0.407	0.403	0.380	0.441	0.425	8.07
45) C	1,2-Dichloropropa	0.300	0.301	0.284	0.305	0.291	0.307	0.298	2.90#
46) T	Dibromomethane	0.231	0.296	0.271	0.284	0.256	0.238	0.262	9.75
47) T	Bromodichlorometh	0.663	0.748	0.721	0.767	0.723	0.652	0.712	6.45
48) T	Methyl methacryla	0.271	0.285	0.281	0.280	0.278	0.237	0.272	6.57
49) T	1,4-Dioxane	0.001	0.001	0.002	0.001	0.019	0.000	0.004	180.94
50) S	Toluene-d8	1.225	1.307	1.158	1.216	1.187	1.241	1.222	4.16
51) T	4-Methyl-2-Pentan	0.349	0.323	0.304	0.287	0.303	0.258	0.304	10.21
52) CM	Toluene	0.902	0.825	0.767	0.776	0.776	0.825	0.812	6.30#

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	Compound	5	20	50	100	75	10	Avg	%RSD
53) T	t-1,3-Dichloropro	0.511	0.687	0.643	0.672	0.603	0.474	0.598	14.65
54) T	cis-1,3-Dichlorop	0.552	0.649	0.658	0.701	0.649	0.519	0.621	11.25
55) T	1,1,2-Trichloroet	0.338	0.306	0.305	0.295	0.281	0.267	0.299	8.18
56) T	Ethyl methacrylat	0.322	0.356	0.356	0.357	0.372	0.287	0.341	9.25
57) T	1,3-Dichloropropa	0.506	0.566	0.539	0.530	0.515	0.530	0.531	3.94
58) T	2-Chloroethyl Vin	0.037	0.039	0.037	0.036	0.036	0.036	0.037	3.74
59) T	2-Hexanone	0.310	0.221	0.226	0.217	0.247	0.172	0.232	19.62
60) T	Dibromochlorometh	0.445	0.506	0.523	0.526	0.512	0.456	0.495	7.08
61) T	1,2-Dibromoethane	0.324	0.382	0.367	0.373	0.363	0.340	0.358	6.12
62) S	4-Bromofluorobenz	0.765	0.738	0.685	0.686	0.633	0.631	0.690	7.84
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.704	0.630	0.523	0.489	0.495	0.664	0.584	16.00
65) PM	Chlorobenzene	1.110	1.057	1.015	0.994	0.975	1.059	1.035	4.81
66) T	1,1,1,2-Tetrachlo	0.461	0.483	0.447	0.449	0.443	0.470	0.459	3.36
67) C	Ethyl Benzene	2.003	2.036	1.842	1.885	1.855	1.965	1.931	4.21#
68) T	m/p-Xylenes	0.689	0.686	0.604	0.617	0.627	0.664	0.648	5.65
69) T	o-Xylene	0.676	0.742	0.658	0.683	0.646	0.740	0.691	5.94
70) T	Stvrene	1.024	1.130	0.998	1.015	1.007	1.112	1.047	5.51
71) P	Bromoform	0.220	0.283	0.292	0.286	0.275	0.233	0.265	11.50
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.412	3.664	3.412	3.265	3.199	3.742	3.449	6.24
74) T	N-amyl acetate	0.482	0.499	0.629	0.727	0.732	0.415	0.581	23.23
75) P	1,1,2,2-Tetrachlo	0.491	0.536	0.542	0.499	0.536	0.507	0.519	4.24
76) T	1,2,3-Trichloropr	0.571	0.571	0.572	0.478	0.542	0.563	0.550	6.69
77) T	Bromobenzene	0.903	0.937	0.903	0.848	0.820	1.008	0.903	7.35
78) T	n-propylbenzene	4.296	4.380	4.121	3.785	3.822	4.394	4.133	6.62
79) T	2-Chlorotoluene	2.642	2.619	2.443	2.318	2.313	2.647	2.497	6.40
80) T	1,3,5-Trimethylbe	3.049	3.228	3.074	2.779	2.876	3.260	3.045	6.23
81) T	trans-1,4-Dichlor	0.072	0.106	0.132	0.132	0.129	0.112	0.114	20.60
82) T	4-Chlorotoluene	2.877	2.811	2.805	2.514	2.594	3.023	2.771	6.76
83) T	tert-Butylbenzene	2.676	2.909	2.806	2.667	2.653	2.935	2.774	4.58
84) T	1,2,4-Trimethylbe	3.077	3.254	3.189	2.931	2.850	3.257	3.093	5.55
85) T	sec-Butylbenzene	3.939	4.005	3.827	3.498	3.596	4.098	3.827	6.18
86) T	p-Isopropyltoluen	3.453	3.575	3.404	3.211	3.150	3.598	3.398	5.43
87) T	1,3-Dichlorobenze	1.875	1.767	1.565	1.514	1.487	1.695	1.650	9.34
88) T	1,4-Dichlorobenze	1.724	1.637	1.611	1.579	1.567	1.682	1.633	3.72
89) T	n-Butylbenzene	3.116	3.487	3.487	3.155	3.205	3.271	3.287	4.97
90) T	Hexachloroethane	0.659	0.733	0.727	0.722	0.670	0.622	0.689	6.53
91) T	1,2-Dichlorobenze	1.594	1.684	1.555	1.447	1.442	1.680	1.567	6.84
92) T	1,2-Dibromo-3-Chl	0.104	0.134	0.148	0.150	0.146	0.112	0.132	14.94
93) T	1,2,4-Trichlorobe	1.165	1.346	1.272	1.177	1.188	1.119	1.211	6.84
94) T	Hexachlorobutadie	0.850	0.956	0.886	0.835	0.828	0.824	0.863	5.90
95) T	Naphthalene	1.700	1.622	1.945	1.942	1.913	1.155	1.713	17.83
96) T	1,2,3-Trichlorobe	1.048	1.200	1.256	1.156	1.165	0.996	1.137	8.54

(#) = Out of Range