

Method Path : Z:\VOASRV\HPCHEM1\MSVOA F\METHODS\
 Method File : 82F080418S.M
 Title : SW846 8260
 Last Update : Sat Aug 04 07:08:36 2018
 Response Via : Initial Calibration

Calibration Files

5 =VF059862.D 20 =VF059864.D 50 =VF059865.D
 100 =VF059867.D 150 =VF059868.D 10 =VF059863.D

	Compound	5	20	50	100	150	10	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.918	0.891	0.869	0.835	0.776	0.837	0.854	5.85
3) P	Chloromethane	0.380	0.425	0.365	0.394	0.388	0.420	0.395	5.86
4) C	Vinyl Chloride	0.375	0.432	0.391	0.421	0.421	0.389	0.405	5.66#
5) T	Bromomethane	0.450	0.400	0.353	0.351	0.345	0.394	0.382	10.71
6) T	Chloroethane	0.255	0.278	0.249	0.262	0.230	0.252	0.254	6.26
7) T	Trichlorofluorome	1.133	1.177	1.141	1.080	1.005	1.111	1.108	5.42
8) T	Diethyl Ether	0.200	0.167	0.164	0.174	0.177	0.172	0.176	7.31
9) T	1,1,2-Trichlorotr	0.731	0.685	0.576	0.553	0.510	0.613	0.611	13.61
10) T	Methyl Iodide	1.020	0.948	0.905	0.936	0.888	0.939	0.939	4.87
11) T	Tert butyl alcoho	0.039	0.038	0.034	0.037	0.034	0.036	0.036	5.69
12) CM	1,1-Dichloroethen	0.445	0.464	0.431	0.445	0.429	0.466	0.447	3.50#
13) T	Acrolein	0.024	0.021	0.021	0.023	0.021	0.021	0.022	6.89
14) T	Allyl chloride	0.834	0.735	0.717	0.733	0.682	0.767	0.745	6.95
15) T	Acrylonitrile	0.066	0.065	0.068	0.072	0.063	0.066	0.067	4.65
16) T	Acetone	0.186	0.172	0.160	0.163	0.142	0.175	0.166	9.19
17) T	Carbon Disulfide	1.273	1.221	1.142	1.185	1.168	1.166	1.192	3.98
18) T	Methyl Acetate	0.300	0.290	0.252	0.271	0.284	0.288	0.281	6.06
19) T	Methyl tert-butyl	1.304	1.364	1.209	1.278	1.188	1.243	1.264	5.12
20) T	Methylene Chlorid	0.672	0.461	0.442	0.416	0.366	0.565	0.487	22.96
21) T	trans-1,2-Dichlor	0.468	0.461	0.422	0.442	0.425	0.445	0.444	4.15
22) T	Diisopropyl ether	1.415	1.497	1.412	1.460	1.399	1.411	1.433	2.65
23) T	Vinyl Acetate	0.682	0.723	0.714	0.716	0.655	0.671	0.693	4.05
24) P	1,1-Dichloroethan	1.157	1.108	1.015	1.011	0.924	1.044	1.043	7.82
25) T	2-Butanone	0.179	0.189	0.177	0.186	0.179	0.175	0.181	3.04
26) T	2,2-Dichloropropa	0.663	0.673	0.612	0.561	0.522	0.614	0.607	9.61
27) T	cis-1,2-Dichloroe	0.461	0.502	0.509	0.517	0.470	0.534	0.499	5.60
28) T	Bromochloromethan	0.402	0.376	0.354	0.365	0.331	0.382	0.368	6.63
29)	Tetrahydrofuran	0.075	0.070	0.063	0.068	0.063	0.060	0.067	8.18
30) C	Chloroform	1.540	1.499	1.383	1.317	1.205	1.523	1.411	9.44#
31) T	Cyclohexane	0.475	0.530	0.528	0.540	0.516	0.509	0.516	4.43
32) T	1,1,1-Trichloroet	1.251	1.189	1.119	1.042	0.954	1.221	1.129	10.12
33) S	1,2-Dichloroethan	0.933	0.930	0.932	0.878	0.834	0.902	0.901	4.40

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.558	0.519	0.516	0.454	0.439	0.500	0.497	8.94
36) T	1,1-Dichloroprope	0.626	0.563	0.618	0.555	0.530	0.579	0.578	6.44
37) T	Ethyl Acetate	0.256	0.257	0.265	0.245	0.237	0.230	0.248	5.36
38) T	Carbon Tetrachlor	0.993	0.836	0.836	0.767	0.707	0.828	0.828	11.56
39) T	Methylcyclohexane	0.419	0.450	0.474	0.413	0.423	0.423	0.434	5.39
40) TM	Benzene	1.128	1.010	1.012	0.941	0.957	1.581	1.105	21.93
41) T	Methacrylonitrile	0.150	0.123	0.138	0.118	0.124	0.133	0.131	9.09
42) TM	1,2-Dichloroethan	0.903	0.821	0.837	0.719	0.696	0.828	0.801	9.78
43) T	Isopropyl Acetate	0.236	0.243	0.253	0.280	0.296	0.225	0.256	10.59
44) TM	Trichloroethene	0.403	0.413	0.412	0.351	0.333	0.400	0.385	8.88
45) C	1,2-Dichloropropa	0.254	0.272	0.281	0.264	0.261	0.260	0.265	3.62#
46) T	Dibromomethane	0.279	0.270	0.270	0.251	0.249	0.288	0.268	5.74
47) T	Bromodichlorometh	0.796	0.732	0.765	0.690	0.669	0.744	0.732	6.42
48) T	Methyl methacryla	0.154	0.194	0.211	0.221	0.231	0.182	0.199	14.19
49) T	1,4-Dioxane	0.001	0.001	0.001	0.002	0.002	0.001	0.001	30.61
50) S	Toluene-d8	0.969	1.103	1.124	1.077	1.070	1.008	1.058	5.57
51) T	4-Methyl-2-Pentan	0.239	0.276	0.271	0.263	0.254	0.267	0.261	5.09
52) CM	Toluene	0.713	0.747	0.762	0.722	0.702	0.736	0.730	3.03#

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	Compound	5	20	50	100	150	10	Avq	%RSD
53) T	t-1,3-Dichloropro	0.507	0.602	0.566	0.543	0.549	0.576	0.557	5.79
54) T	cis-1,3-Dichlorop	0.548	0.594	0.617	0.584	0.579	0.527	0.575	5.62
55) T	1,1,2-Trichloroet	0.269	0.267	0.264	0.255	0.254	0.269	0.263	2.65
56) T	Ethyl methacrylat	0.186	0.246	0.283	0.296	0.304	0.214	0.255	18.67
57) T	1,3-Dichloropropa	0.400	0.464	0.476	0.453	0.455	0.462	0.452	5.86
58) T	2-Chloroethyl Vin	0.032	0.035	0.039	0.033	0.032	0.039	0.035	9.36
59) T	2-Hexanone	0.167	0.186	0.195	0.190	0.191	0.179	0.185	5.46
60) T	Dibromochlorometh	0.458	0.522	0.529	0.486	0.473	0.492	0.493	5.58
61) T	1,2-Dibromoethane	0.314	0.329	0.336	0.320	0.325	0.298	0.320	4.17
62) S	4-Bromofluorobenz	0.553	0.616	0.634	0.589	0.548	0.629	0.595	6.37
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.408	0.469	0.453	0.427	0.382	0.449	0.431	7.45
65) PM	Chlorobenzene	1.059	1.071	1.039	0.980	0.931	1.010	1.015	5.20
66) T	1,1,1,2-Tetrachlo	0.548	0.581	0.518	0.451	0.422	0.509	0.505	11.73
67) C	Ethyl Benzene	1.748	1.999	1.895	1.660	1.595	1.711	1.768	8.58#
68) T	m/p-Xylenes	0.606	0.701	0.631	0.584	0.547	0.599	0.611	8.50
69) T	o-Xylene	0.535	0.736	0.732	0.656	0.614	0.611	0.647	11.99
70) T	Stvrene	0.831	1.117	1.025	0.951	0.881	0.992	0.966	10.62
71) P	Bromoform	0.310	0.341	0.320	0.296	0.281	0.308	0.309	6.65
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	2.890	3.410	3.394	3.117	2.951	2.922	3.114	7.60
74) T	N-amyl acetate	0.564	0.714	0.723	0.802	0.804	0.570	0.696	15.41
75) P	1,1,2,2-Tetrachlo	0.647	0.593	0.575	0.568	0.548	0.576	0.585	5.79
76) T	1,2,3-Trichloropr	0.538	0.534	0.494	0.487	0.461	0.499	0.502	5.84
77) T	Bromobenzene	0.843	0.880	0.842	0.825	0.795	0.897	0.847	4.34
78) T	n-propylbenzene	3.809	4.034	3.877	3.422	3.232	3.694	3.678	8.14
79) T	2-Chlorotoluene	2.376	2.467	2.424	2.280	2.112	2.301	2.327	5.46
80) T	1,3,5-Trimethylbe	2.766	3.204	3.055	2.779	2.569	2.979	2.892	7.96
81) T	trans-1,4-Dichlor	0.152	0.184	0.174	0.196	0.207	0.169	0.180	10.85
82) T	4-Chlorotoluene	2.770	2.723	2.476	2.369	2.300	2.520	2.526	7.44
83) T	tert-Butylbenzene	2.717	3.096	2.989	2.742	2.475	2.870	2.815	7.83
84) T	1,2,4-Trimethylbe	3.023	3.283	3.074	2.892	2.641	2.933	2.974	7.17
85) T	sec-Butylbenzene	3.907	4.002	3.912	3.558	3.337	3.727	3.740	6.78
86) T	p-Isopropyltoluen	3.027	3.447	3.486	3.062	2.732	3.107	3.144	9.00
87) T	1,3-Dichlorobenze	1.872	1.740	1.583	1.447	1.350	1.635	1.605	11.85
88) T	1,4-Dichlorobenze	1.664	1.678	1.593	1.535	1.366	1.615	1.575	7.28
89) T	n-Butylbenzene	2.951	3.391	3.171	2.854	2.601	3.009	2.996	9.03
90) T	Hexachloroethane	0.988	0.883	0.903	0.830	0.754	0.848	0.867	9.05
91) T	1,2-Dichlorobenze	1.632	1.637	1.564	1.462	1.378	1.592	1.544	6.69
92) T	1,2-Dibromo-3-Chl	0.128	0.140	0.162	0.160	0.156	0.139	0.147	9.36
93) T	1,2,4-Trichlorobe	1.208	1.267	1.236	1.148	1.047	1.130	1.172	6.86
94) T	Hexachlorobutadie	0.887	0.925	0.859	0.762	0.714	0.823	0.828	9.54
95) T	Naphthalene	1.688	2.102	2.188	2.251	2.205	1.746	2.030	12.22
96) T	1,2,3-Trichlorobe	1.106	1.221	1.245	1.172	1.076	1.127	1.158	5.75

(#) = Out of Range