

Method Path : Z:\V0ASRV\HPCHEM1\MSVOA F\METHODS\
 Method File : 82F021319S.M
 Title : SW846 8260
 Last Update : Thu Feb 14 03:27:56 2019
 Response Via : Initial Calibration

Calibration Files

5 =VF061624.D 20 =VF061626.D 50 =VF061627.D
 100 =VF061629.D 75 =VF061628.D 10 =VF061625.D

	Compound	5	20	50	100	75	10	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.564	0.637	0.518	0.575	0.509	0.643	0.574	9.92
3) P	Chloromethane	0.587	0.629	0.585	0.610	0.557	0.647	0.602	5.42
4) C	Vinyl Chloride	0.532	0.587	0.538	0.589	0.510	0.604	0.560	6.75#
5) T	Bromomethane	0.360	0.388	0.396	0.379	0.366	0.423	0.385	5.88
6) T	Chloroethane	0.282	0.293	0.270	0.264	0.262	0.284	0.276	4.49
7) T	Trichlorofluorome	0.697	0.673	0.648	0.697	0.625	0.713	0.676	4.96
8) T	Diethyl Ether	0.185	0.173	0.168	0.168	0.164	0.163	0.170	4.72
9) T	1,1,2-Trichlorotr	0.534	0.491	0.462	0.477	0.432	0.528	0.487	8.02
10) T	Methyl Iodide	0.942	0.962	0.924	0.964	0.869	0.924	0.931	3.75
11) T	Tert butyl alcoho	0.022	0.021	0.021	0.023	0.022	0.019	0.021	6.63
12) CM	1,1-Dichloroethen	0.456	0.437	0.415	0.440	0.398	0.426	0.428	4.74#
13) T	Acrolein	0.026	0.028	0.028	0.029	0.026	0.024	0.027	6.39
14) T	Allyl chloride	0.520	0.556	0.531	0.564	0.448	0.536	0.526	7.84
15) T	Acrylonitrile	0.080	0.076	0.073	0.080	0.072	0.071	0.075	5.62
16) T	Acetone	0.076	0.079	0.080	0.076	0.077	0.085	0.079	4.55
17) T	Carbon Disulfide	1.347	1.383	1.321	1.384	1.258	1.389	1.347	3.79
18) T	Methyl Acetate	0.201	0.177	0.157	0.179	0.168	0.183	0.177	8.31
19) T	Methyl tert-butyl	0.698	0.764	0.718	0.762	0.715	0.736	0.732	3.65
20) T	Methylene Chlorid	0.612	0.460	0.410	0.418	0.406	0.546	0.475	17.92
21) T	trans-1,2-Dichlor	0.494	0.454	0.453	0.476	0.442	0.475	0.466	4.18
22) T	Diisopropyl ether	1.259	1.239	1.226	1.353	1.220	1.275	1.262	3.89
23) T	Vinyl Acetate	0.564	0.621	0.597	0.679	0.624	0.613	0.616	6.12
24) P	1,1-Dichloroethan	0.772	0.785	0.726	0.805	0.733	0.761	0.764	4.01
25) T	2-Butanone	0.180	0.171	0.165	0.185	0.169	0.160	0.172	5.38
26) T	2,2-Dichloropropa	0.331	0.328	0.314	0.326	0.315	0.327	0.324	2.18
27) T	cis-1,2-Dichloroe	0.616	0.590	0.591	0.639	0.587	0.645	0.611	4.28
28) T	Bromochloromethan	0.382	0.356	0.388	0.353	0.352	0.369	0.366	4.27
29)	Tetrahydrofuran	0.079	0.079	0.074	0.082	0.074	0.081	0.078	4.49
30) C	Chloroform	0.892	0.863	0.866	0.917	0.819	0.854	0.869	3.86#
31) T	Cyclohexane	0.860	0.825	0.802	0.856	0.775	0.843	0.827	4.03
32) T	1,1,1-Trichloroet	0.489	0.522	0.600	0.626	0.604	0.573	0.569	9.35
33) S	1,2-Dichloroethan	0.372	0.348	0.373	0.397	0.365	0.345	0.367	5.12
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.405	0.363	0.358	0.381	0.348	0.374	0.371	5.43
36) T	1,1-Dichloroprope	0.552	0.512	0.467	0.512	0.434	0.495	0.495	8.29
37) T	Ethyl Acetate	0.264	0.246	0.206	0.233	0.204	0.227	0.230	10.12
38) T	Carbon Tetrachlor	0.346	0.353	0.320	0.376	0.297	0.361	0.342	8.44
39) T	Methylcyclohexane	0.607	0.615	0.567	0.601	0.553	0.570	0.586	4.30
40) TM	Benzene	1.321	1.409	1.245	1.352	1.203	1.244	1.296	6.04
41) T	Methacrylonitrile	0.117	0.135	0.113	0.126	0.112	0.103	0.118	9.79
42) TM	1,2-Dichloroethan	0.311	0.338	0.305	0.330	0.283	0.292	0.310	6.87
43) T	Isopropyl Acetate	0.292	0.291	0.247	0.291	0.255	0.258	0.272	7.72
44) TM	Trichloroethene	0.465	0.434	0.394	0.410	0.385	0.425	0.419	6.94
45) C	1,2-Dichloropropa	0.289	0.325	0.308	0.358	0.291	0.308	0.313	8.16#
46) T	Dibromomethane	0.176	0.199	0.195	0.217	0.186	0.184	0.193	7.56
47) T	Bromodichlorometh	0.434	0.421	0.422	0.456	0.402	0.399	0.422	5.01
48) T	Methyl methacryla	0.168	0.164	0.158	0.187	0.158	0.148	0.164	8.04
49) T	1,4-Dioxane	0.001	0.002	0.002	0.002	0.001	0.002	0.002	4.61
50) S	Toluene-d8	1.148	1.030	1.084	1.126	1.008	1.008	1.067	5.73
51) T	4-Methyl-2-Pentan	0.202	0.216	0.186	0.195	0.176	0.191	0.195	7.01
52) CM	Toluene	0.836	0.832	0.718	0.838	0.703	0.787	0.786	7.82#

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	Compound	5	20	50	100	75	10	Avg	%RSD
53) T	t-1,3-Dichloropro	0.331	0.374	0.336	0.390	0.326	0.351	0.351	7.30
54) T	cis-1,3-Dichlorop	0.472	0.484	0.449	0.529	0.436	0.437	0.468	7.61
55) T	1,1,2-Trichloroet	0.239	0.240	0.229	0.244	0.213	0.220	0.231	5.42
56) T	Ethyl methacrylat	0.259	0.266	0.242	0.279	0.242	0.253	0.257	5.58
57) T	1,3-Dichloropropa	0.385	0.410	0.371	0.418	0.358	0.370	0.385	6.21
58) T	2-Chloroethyl Vin	0.041	0.046	0.042	0.052	0.044	0.042	0.044	9.67
59) T	2-Hexanone	0.139	0.153	0.129	0.138	0.120	0.139	0.136	8.19
60) T	Dibromochlorometh	0.318	0.334	0.318	0.360	0.312	0.286	0.321	7.70
61) T	1,2-Dibromoethane	0.247	0.261	0.242	0.274	0.243	0.235	0.250	5.74
62) S	4-Bromofluorobenz	0.487	0.432	0.410	0.449	0.378	0.436	0.432	8.46
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.448	0.407	0.391	0.405	0.375	0.427	0.409	6.29
65) PM	Chlorobenzene	1.076	1.051	0.959	1.066	0.921	1.014	1.015	6.18
66) T	1,1,1,2-Tetrachlo	0.432	0.411	0.379	0.405	0.360	0.398	0.398	6.35
67) C	Ethyl Benzene	1.947	1.737	1.560	1.668	1.511	1.701	1.687	9.10#
68) T	m/p-Xylenes	0.752	0.650	0.600	0.633	0.584	0.655	0.646	9.15
69) T	o-Xylene	0.716	0.768	0.669	0.721	0.604	0.658	0.689	8.37
70) T	Stvrene	1.073	1.017	0.909	1.001	0.854	0.996	0.975	8.13
71) P	Bromoform	0.222	0.225	0.211	0.223	0.203	0.211	0.216	4.03
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.682	3.634	3.439	3.634	3.426	3.545	3.560	3.04
74) T	N-amyl acetate	0.851	0.910	0.844	0.899	0.823	0.800	0.854	5.04
75) P	1,1,2,2-Tetrachlo	0.658	0.643	0.619	0.671	0.633	0.603	0.638	3.92
76) T	1,2,3-Trichloropr	0.469	0.445	0.421	0.450	0.402	0.415	0.434	5.76
77) T	Bromobenzene	0.893	0.910	0.823	0.934	0.842	0.874	0.879	4.73
78) T	n-propylbenzene	4.557	4.184	3.890	4.161	3.588	4.131	4.085	7.94
79) T	2-Chlorotoluene	2.429	2.293	2.256	2.305	2.156	2.288	2.288	3.85
80) T	1,3,5-Trimethylbe	2.945	2.963	2.771	2.918	2.638	2.835	2.845	4.38
81) T	trans-1,4-Dichlor	0.210	0.193	0.209	0.223	0.216	0.196	0.208	5.48
82) T	4-Chlorotoluene	2.549	2.434	2.263	2.327	2.178	2.497	2.375	6.02
83) T	tert-Butylbenzene	3.295	3.230	3.167	3.143	2.928	3.144	3.151	3.94
84) T	1,2,4-Trimethylbe	3.097	2.797	2.673	2.948	2.609	2.837	2.827	6.32
85) T	sec-Butylbenzene	4.371	4.191	3.997	4.093	3.785	4.015	4.075	4.85
86) T	p-Isopropyltoluen	3.687	3.588	3.288	3.289	3.070	3.598	3.420	7.02
87) T	1,3-Dichlorobenze	1.919	1.777	1.600	1.645	1.522	1.824	1.715	8.75
88) T	1,4-Dichlorobenze	1.776	1.652	1.551	1.718	1.516	1.680	1.649	6.02
89) T	n-Butylbenzene	3.603	3.356	3.118	3.177	2.932	3.191	3.230	7.07
90) T	Hexachloroethane	0.787	0.806	0.806	0.852	0.779	0.743	0.795	4.55
91) T	1,2-Dichlorobenze	1.751	1.728	1.547	1.603	1.492	1.664	1.631	6.26
92) T	1,2-Dibromo-3-Chl	0.108	0.097	0.104	0.111	0.098	0.088	0.101	8.20
93) T	1,2,4-Trichlorobe	1.235	1.237	1.111	1.183	1.086	1.161	1.169	5.34
94) T	Hexachlorobutadie	0.763	0.733	0.699	0.757	0.694	0.686	0.722	4.66
95) T	Naphthalene	1.904	2.045	2.040	2.324	2.101	1.857	2.045	8.08
96) T	1,2,3-Trichlorobe	1.061	1.090	1.066	1.140	1.070	1.011	1.073	3.91

(#) = Out of Range