

Method Path : Z:\V0ASRV\HPCHEM1\MSVOA F\METHODS\
 Method File : 82F031619S.M
 Title : SW846 8260
 Last Update : Fri Mar 22 03:22:44 2019
 Response Via : Initial Calibration

Calibration Files

5 =VF061972.D 20 =VF061974.D 50 =VF061975.D
 100 =VF061977.D 75 =VF061976.D 10 =VF061973.D

	Compound	5	20	50	100	75	10	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.542	0.611	0.525	0.456	0.446	0.618	0.533	13.79
3) P	Chloromethane	0.572	0.611	0.512	0.472	0.479	0.604	0.542	11.47
4) C	Vinyl Chloride	0.476	0.593	0.507	0.477	0.472	0.619	0.524	12.42#
5) T	Bromomethane	0.376	0.395	0.386	0.309	0.308	0.435	0.368	13.74
6) T	Chloroethane	0.259	0.312	0.278	0.224	0.242	0.309	0.270	13.17
7) T	Trichlorofluorome	0.727	0.774	0.700	0.622	0.621	0.720	0.694	8.81
8) T	Diethyl Ether	0.150	0.157	0.163	0.146	0.137	0.173	0.154	8.22
9) T	1,1,2-Trichlorotr	0.552	0.534	0.467	0.425	0.417	0.539	0.489	12.36
10) T	Methyl Iodide	0.825	0.944	0.878	0.782	0.773	0.936	0.856	8.76
11) T	Tert butyl alcoho	0.022	0.022	0.024	0.020	0.022	0.023	0.022	6.87
12) CM	1,1-Dichloroethen	0.455	0.454	0.410	0.376	0.353	0.485	0.422	12.13#
13) T	Acrolein	0.026	0.027	0.021	0.022	0.019	0.028	0.024	15.00
14) T	Allyl chloride	0.535	0.663	0.532	0.463	0.493	0.546	0.539	12.65
15) T	Acrylonitrile	0.064	0.068	0.068	0.065	0.064	0.072	0.067	4.70
16) T	Acetone	0.076	0.085	0.082	0.070	0.086	0.086	0.081	7.81
17) T	Carbon Disulfide	1.201	1.393	1.198	1.115	1.051	1.361	1.220	11.01
18) T	Methyl Acetate	0.201	0.176	0.193	0.172	0.173	0.184	0.183	6.40
19) T	Methyl tert-butyl	0.788	0.822	0.790	0.693	0.700	0.795	0.765	7.08
20) T	Methylene Chlorid	0.501	0.444	0.399	0.369	0.366	0.451	0.422	12.57
21) T	trans-1,2-Dichlor	0.469	0.479	0.444	0.400	0.377	0.472	0.440	9.64
22) T	Diisopropyl ether	1.275	1.451	1.349	1.181	1.139	1.379	1.296	9.27
23) T	Vinyl Acetate	0.453	0.570	0.532	0.486	0.497	0.526	0.511	8.00
24) P	1,1-Dichloroethan	0.695	0.836	0.769	0.699	0.672	0.849	0.753	10.15
25) T	2-Butanone	0.172	0.164	0.160	0.138	0.153	0.174	0.160	8.27
26) T	2,2-Dichloropropa	0.372	0.393	0.359	0.313	0.315	0.381	0.355	9.61
27) T	cis-1,2-Dichloroe	0.542	0.624	0.566	0.502	0.503	0.593	0.555	8.82
28) T	Bromochloromethan	0.320	0.298	0.323	0.298	0.298	0.339	0.313	5.59
29)	Tetrahydrofuran	0.073	0.077	0.072	0.060	0.061	0.075	0.070	10.37
30) C	Chloroform	0.886	0.996	0.840	0.763	0.743	0.894	0.854	10.95#
31) T	Cyclohexane	0.747	0.843	0.750	0.676	0.635	0.813	0.744	10.62
32) T	1,1,1-Trichloroet	0.561	0.710	0.573	0.530	0.496	0.531	0.567	13.23
33) S	1,2-Dichloroethan	0.382	0.375	0.351	0.330	0.373	0.347	0.360	5.63
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.388	0.352	0.318	0.298	0.315	0.344	0.336	9.68
36) T	1,1-Dichloroprope	0.471	0.499	0.462	0.415	0.389	0.472	0.452	9.08
37) T	Ethyl Acetate	0.212	0.228	0.205	0.177	0.170	0.225	0.203	11.94
38) T	Carbon Tetrachlor	0.349	0.381	0.334	0.286	0.286	0.343	0.330	11.41
39) T	Methylcyclohexane	0.543	0.588	0.555	0.486	0.441	0.568	0.530	10.48
40) TM	Benzene	1.243	1.384	1.183	1.074	1.005	1.289	1.196	11.68
41) T	Methacrylonitrile	0.127	0.103	0.107	0.095	0.095	0.123	0.108	12.51
42) TM	1,2-Dichloroethan	0.324	0.320	0.301	0.281	0.264	0.298	0.298	7.64
43) T	Isopropyl Acetate	0.274	0.245	0.249	0.214	0.205	0.253	0.240	10.79
44) TM	Trichloroethene	0.400	0.405	0.368	0.329	0.297	0.400	0.367	12.14
45) C	1,2-Dichloropropa	0.287	0.328	0.296	0.261	0.247	0.280	0.283	9.99#
46) T	Dibromomethane	0.150	0.191	0.180	0.167	0.153	0.170	0.168	9.41
47) T	Bromodichlorometh	0.401	0.417	0.405	0.379	0.345	0.434	0.397	7.84
48) T	Methyl methacryla	0.176	0.153	0.155	0.142	0.131	0.172	0.155	11.02
49) T	1,4-Dioxane	0.001	0.001	0.002	0.001	0.001	0.001	0.001	7.35
50) S	Toluene-d8	1.026	1.041	0.958	0.875	0.925	1.063	0.982	7.51
51) T	4-Methyl-2-Pentan	0.182	0.185	0.178	0.152	0.152	0.173	0.170	8.69
52) CM	Toluene	0.817	0.826	0.720	0.655	0.611	0.757	0.731	11.85#

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	Compound	5	20	50	100	75	10	Avg	%RSD
53) T	t-1,3-Dichloropro	0.355	0.374	0.351	0.298	0.291	0.344	0.335	9.92
54) T	cis-1,3-Dichlorop	0.421	0.482	0.454	0.413	0.396	0.458	0.437	7.43
55) T	1,1,2-Trichloroet	0.211	0.220	0.208	0.194	0.172	0.220	0.204	9.06
56) T	Ethyl methacrylat	0.245	0.257	0.239	0.217	0.196	0.238	0.232	9.32
57) T	1,3-Dichloropropa	0.338	0.377	0.364	0.317	0.290	0.355	0.340	9.49
58) T	2-Chloroethyl Vin	0.041	0.041	0.043	0.043	0.043	0.040	0.042	3.10
59) T	2-Hexanone	0.138	0.125	0.126	0.102	0.112	0.136	0.123	11.18
60) T	Dibromochlorometh	0.287	0.301	0.301	0.279	0.256	0.275	0.283	6.04
61) T	1,2-Dibromoethane	0.224	0.237	0.227	0.204	0.191	0.231	0.219	8.11
62) S	4-Bromofluorobenz	0.442	0.410	0.356	0.329	0.366	0.437	0.390	11.87
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.411	0.403	0.373	0.326	0.300	0.368	0.363	11.94
65) PM	Chlorobenzene	0.984	1.060	0.937	0.824	0.816	0.965	0.931	10.24
66) T	1,1,1,2-Tetrachlo	0.345	0.425	0.372	0.329	0.320	0.372	0.361	10.59
67) C	Ethyl Benzene	1.758	1.859	1.565	1.378	1.328	1.677	1.594	13.23#
68) T	m/p-Xylenes	0.657	0.720	0.589	0.520	0.478	0.633	0.599	14.93
69) T	o-Xylene	0.680	0.715	0.661	0.561	0.519	0.712	0.641	12.82
70) T	Stvrene	0.940	1.044	0.889	0.768	0.723	0.969	0.889	13.80
71) P	Bromoform	0.186	0.191	0.196	0.173	0.165	0.184	0.183	6.47
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.519	4.023	3.665	3.097	2.804	3.618	3.454	12.61
74) T	N-amyl acetate	0.717	0.846	0.831	0.751	0.788	0.816	0.792	6.26
75) P	1,1,2,2-Tetrachlo	0.593	0.619	0.599	0.526	0.505	0.580	0.570	7.88
76) T	1,2,3-Trichloropr	0.392	0.425	0.418	0.374	0.347	0.437	0.399	8.53
77) T	Bromobenzene	0.831	0.907	0.823	0.739	0.689	0.811	0.800	9.56
78) T	n-propylbenzene	4.365	4.685	3.854	3.435	3.166	4.327	3.972	14.85
79) T	2-Chlorotoluene	2.369	2.480	2.234	2.007	1.904	2.457	2.242	10.72
80) T	1,3,5-Trimethylbe	3.062	3.194	2.824	2.449	2.223	2.990	2.790	13.57
81) T	trans-1,4-Dichlor	0.142	0.202	0.201	0.165	0.175	0.172	0.176	12.91
82) T	4-Chlorotoluene	2.408	2.561	2.345	1.954	1.853	2.482	2.267	12.91
83) T	tert-Butylbenzene	2.959	3.444	3.019	2.597	2.451	3.040	2.918	12.12
84) T	1,2,4-Trimethylbe	3.002	3.158	2.836	2.404	2.264	3.106	2.795	13.46
85) T	sec-Butylbenzene	4.212	4.480	3.902	3.485	3.285	4.293	3.943	12.05
86) T	p-Isopropyltoluen	3.432	3.749	3.389	2.856	2.701	3.612	3.290	12.75
87) T	1,3-Dichlorobenze	1.728	1.789	1.582	1.344	1.253	1.737	1.572	14.28
88) T	1,4-Dichlorobenze	1.606	1.702	1.539	1.371	1.293	1.569	1.513	10.10
89) T	n-Butylbenzene	3.133	3.616	3.211	2.681	2.597	3.311	3.091	12.54
90) T	Hexachloroethane	0.690	0.864	0.805	0.737	0.668	0.740	0.751	9.75
91) T	1,2-Dichlorobenze	1.497	1.652	1.455	1.302	1.250	1.580	1.456	10.70
92) T	1,2-Dibromo-3-Chl	0.088	0.095	0.100	0.088	0.086	0.093	0.091	5.59
93) T	1,2,4-Trichlorobe	1.037	1.152	1.042	0.884	0.876	1.093	1.014	11.02
94) T	Hexachlorobutadie	0.699	0.741	0.712	0.608	0.569	0.710	0.673	10.13
95) T	Naphthalene	1.724	1.901	1.963	1.826	1.750	1.778	1.824	5.08
96) T	1,2,3-Trichlorobe	0.864	1.049	0.999	0.877	0.866	0.942	0.933	8.32

(#) = Out of Range