

Method Path : Z:\VOASRV\HPCHEM1\MSVOA D\METHOD\
 Method File : 82D100118S.M
 Title : SW846 8260
 Last Update : Tue Oct 02 06:56:35 2018
 Response Via : Initial Calibration

Calibration Files

5 =VD060099.D 10 =VD060100.D 20 =VD060101.D
 50 =VD060102.D 100 =VD060104.D 75 =VD060103.D

	Compound	5	10	20	50	100	75	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.522	0.434	0.432	0.496	0.471	0.467	0.470	7.43
3) P	Chloromethane	0.462	0.415	0.416	0.411	0.436	0.404	0.424	5.04
4) C	Vinyl Chloride	0.383	0.332	0.332	0.347	0.351	0.338	0.347	5.56#
5) T	Bromomethane	0.064	0.052	0.030	0.052	0.031	0.032	0.044	32.77
6) T	Chloroethane	0.106	0.109	0.072	0.107	0.081	0.095	0.095	16.14
7) T	Trichlorofluorome	0.451	0.433	0.383	0.427	0.401	0.398	0.416	6.13
8) T	Diethyl Ether	0.089	0.082	0.085	0.089	0.085	0.082	0.085	3.75
9) T	1,1,2-Trichlorotr	0.293	0.261	0.257	0.252	0.246	0.245	0.259	6.85
10) T	Methyl Iodide	0.239	0.240	0.259	0.306	0.303	0.300	0.275	11.71
11) T	Tert butyl alcoho	0.029	0.024	0.026	0.029	0.028	0.027	0.027	6.59
12) CM	1,1-Dichloroethen	0.230	0.207	0.199	0.200	0.196	0.192	0.204	6.69#
13) T	Acrolein	0.021	0.019	0.016	0.016	0.015	0.014	0.017	14.10
14) T	Allyl chloride	0.449	0.442	0.399	0.426	0.418	0.408	0.424	4.54
15) T	Acrylonitrile	0.119	0.113	0.116	0.115	0.105	0.107	0.113	5.03
16) T	Acetone	0.080	0.076	0.069	0.068	0.060	0.060	0.069	11.78
17) T	Carbon Disulfide	0.735	0.673	0.655	0.693	0.692	0.669	0.686	4.07
18) T	Methyl Acetate	0.160	0.146	0.142	0.152	0.143	0.145	0.148	4.68
19) T	Methyl tert-butyl	0.950	0.881	0.904	0.926	0.852	0.867	0.897	4.11
20) T	Methylene Chlorid	0.936	0.712	0.615	0.561	0.522	0.510	0.643	25.15
21) T	trans-1,2-Dichlor	0.556	0.525	0.522	0.544	0.504	0.509	0.527	3.86
22) T	Diisopropyl ether	2.045	1.877	1.885	1.912	1.816	1.817	1.892	4.45
23) T	Vinyl Acetate	1.143	1.088	1.097	1.095	0.939	1.019	1.063	6.85
24) P	1,1-Dichloroethan	0.885	0.843	0.860	0.883	0.838	0.837	0.858	2.55
25) T	2-Butanone	0.173	0.179	0.176	0.180	0.163	0.160	0.172	4.89
26) T	2,2-Dichloropropa	0.714	0.681	0.634	0.652	0.603	0.617	0.650	6.42
27) T	cis-1,2-Dichloroe	0.589	0.572	0.541	0.568	0.541	0.537	0.558	3.82
28) T	Bromochloromethan	0.444	0.423	0.419	0.413	0.411	0.390	0.417	4.27
29)	Tetrahydrofuran	0.108	0.098	0.102	0.102	0.093	0.096	0.100	5.20
30) C	Chloroform	0.916	0.882	0.854	0.878	0.841	0.836	0.868	3.50#
31) T	Cyclohexane	0.987	0.879	0.779	0.799	0.748	0.735	0.821	11.67
32) T	1,1,1-Trichloroet	0.745	0.719	0.701	0.718	0.688	0.695	0.711	2.91
33) S	1,2-Dichloroethan	0.395	0.357	0.393	0.386	0.369	0.374	0.379	3.92
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.383	0.373	0.375	0.397	0.371	0.379	0.380	2.46
36) T	1,1-Dichloroprope	0.515	0.508	0.468	0.476	0.446	0.454	0.478	5.90
37) T	Ethyl Acetate	0.328	0.318	0.321	0.327	0.301	0.308	0.317	3.39
38) T	Carbon Tetrachlor	0.451	0.453	0.415	0.442	0.416	0.426	0.434	3.92
39) T	Methylcyclohexane	0.562	0.572	0.532	0.560	0.518	0.513	0.543	4.58
40) TM	Benzene	1.313	1.302	1.263	1.266	1.158	1.198	1.250	4.83
41) T	Methacrylonitrile	0.188	0.178	0.189	0.201	0.148	0.171	0.179	10.20
42) TM	1,2-Dichloroethan	0.366	0.372	0.352	0.369	0.346	0.345	0.358	3.35
43) T	Isopropyl Acetate	0.409	0.416	0.413	0.439	0.405	0.421	0.417	2.91
44) TM	Trichloroethene	0.393	0.397	0.376	0.401	0.378	0.378	0.387	2.89
45) C	1,2-Dichloropropa	0.329	0.337	0.318	0.342	0.321	0.317	0.327	3.14#
46) T	Dibromomethane	0.213	0.210	0.213	0.219	0.207	0.209	0.212	1.94
47) T	Bromodichlorometh	0.449	0.452	0.448	0.467	0.442	0.451	0.451	1.86
48) T	Methyl methacryla	0.234	0.242	0.235	0.247	0.235	0.233	0.238	2.32
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	4.46
50) S	Toluene-d8	1.071	1.076	1.092	1.136	1.040	1.081	1.083	2.91
51) T	4-Methyl-2-Pentan	0.271	0.269	0.269	0.273	0.246	0.250	0.263	4.59
52) CM	Toluene	0.825	0.834	0.816	0.836	0.756	0.762	0.805	4.49#

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	Compound	5	10	20	50	100	75	Avg	%RSD
53) T	t-1,3-Dichloropro	0.401	0.404	0.407	0.435	0.409	0.396	0.409	3.31
54) T	cis-1,3-Dichlorop	0.498	0.505	0.509	0.526	0.492	0.497	0.504	2.39
55) T	1,1,2-Trichloroet	0.270	0.277	0.258	0.271	0.248	0.255	0.263	4.20
56) T	Ethyl methacrylat	0.274	0.283	0.298	0.313	0.289	0.287	0.291	4.66
57) T	1,3-Dichloropropa	0.404	0.404	0.397	0.420	0.392	0.391	0.401	2.62
58) T	2-Chloroethyl Vin	0.172	0.180	0.168	0.157	0.144	0.147	0.161	8.78
59) T	2-Hexanone	0.190	0.199	0.191	0.198	0.174	0.184	0.189	4.96
60) T	Dibromochlorometh	0.303	0.309	0.322	0.344	0.328	0.332	0.323	4.65
61) T	1,2-Dibromoethane	0.271	0.275	0.279	0.292	0.280	0.282	0.280	2.53
62) S	4-Bromofluorobenz	0.407	0.409	0.414	0.419	0.386	0.396	0.405	2.97
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.451	0.454	0.428	0.441	0.423	0.430	0.438	2.93
65) PM	Chlorobenzene	1.121	1.136	1.058	1.104	1.025	1.047	1.082	4.13
66) T	1,1,1,2-Tetrachlo	0.366	0.374	0.373	0.371	0.339	0.342	0.361	4.44
67) C	Ethyl Benzene	1.934	1.908	1.828	1.751	1.529	1.564	1.753	9.83#
68) T	m/p-Xylenes	0.699	0.726	0.675	0.654	0.562	0.612	0.655	9.15
69) T	o-Xylene	0.679	0.682	0.647	0.659	0.589	0.630	0.648	5.35
70) T	Stvrene	1.121	1.141	1.108	1.091	0.991	1.047	1.083	5.09
71) P	Bromoform	0.262	0.273	0.279	0.317	0.313	0.308	0.292	8.05
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.533	3.437	3.311	3.368	3.042	3.100	3.299	5.82
74) T	N-amyl acetate	1.243	1.179	1.209	1.261	1.185	1.173	1.208	2.99
75) P	1,1,2,2-Tetrachlo	0.751	0.711	0.721	0.749	0.706	0.684	0.720	3.62
76) T	1,2,3-Trichloropr	0.716	0.711	0.739	0.743	0.705	0.706	0.720	2.31
77) T	Bromobenzene	1.022	0.975	0.942	0.982	0.931	0.899	0.959	4.52
78) T	n-propylbenzene	4.578	4.392	4.146	4.109	3.683	3.667	4.096	8.98
79) T	2-Chlorotoluene	2.435	2.364	2.294	2.284	2.157	2.106	2.273	5.43
80) T	1,3,5-Trimethylbe	2.826	2.607	2.641	2.606	2.309	2.329	2.553	7.79
81) T	trans-1,4-Dichlor	0.188	0.181	0.195	0.219	0.222	0.209	0.202	8.39
82) T	4-Chlorotoluene	2.940	2.699	2.702	2.496	2.272	2.317	2.571	9.98
83) T	tert-Butylbenzene	3.059	3.036	2.989	3.019	2.729	2.746	2.930	5.14
84) T	1,2,4-Trimethylbe	2.890	2.813	2.793	2.718	2.478	2.452	2.691	6.81
85) T	sec-Butylbenzene	3.757	3.642	3.627	3.411	3.200	3.147	3.464	7.27
86) T	p-Isopropyltoluen	3.065	3.076	2.862	2.888	2.552	2.604	2.841	7.84
87) T	1,3-Dichlorobenze	1.783	1.758	1.678	1.707	1.533	1.561	1.670	6.14
88) T	1,4-Dichlorobenze	1.810	1.772	1.645	1.723	1.547	1.568	1.677	6.44
89) T	n-Butylbenzene	3.172	3.081	3.008	2.658	2.246	2.469	2.772	13.43
90) T	Hexachloroethane	0.606	0.628	0.633	0.716	0.686	0.676	0.658	6.34
91) T	1,2-Dichlorobenze	1.599	1.544	1.491	1.363	1.157	1.272	1.404	12.14
92) T	1,2-Dibromo-3-Chl	0.093	0.088	0.094	0.103	0.102	0.097	0.096	6.09
93) T	1,2,4-Trichlorobe	1.215	1.218	1.202	1.251	1.128	1.138	1.192	4.08
94) T	Hexachlorobutadie	0.788	0.821	0.794	0.829	0.761	0.760	0.792	3.66
95) T	Naphthalene	1.732	1.752	1.764	1.866	1.754	1.734	1.767	2.83
96) T	1,2,3-Trichlorobe	1.054	1.041	1.052	1.052	1.015	1.007	1.037	1.99

(#) = Out of Range