

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
 Method File : 82D071122S.M
 Title : SW846 8260
 Last Update : Tue Jul 12 07:04:44 2022
 Response Via : Initial Calibration

Calibration Files

10 =VD073823.D 5 =VD073822.D 20 =VD073824.D 50 =VD073825.D 100 =VD073826.D 150 =VD073827.D

	Compound	10	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.331	0.342	0.320	0.258	0.228	0.223	0.284	18.86
3) P	Chloromethane	0.447	0.505	0.420	0.294	0.274	0.272	0.369	27.48
4) C	Vinyl Chloride	0.530	0.587	0.552	0.397	0.368	0.358	0.466	21.93#
5) T	Bromomethane	0.377	0.480	0.364	0.314	0.269	0.266	0.345	23.43
6) T	Chloroethane	0.409	0.435	0.411	0.317	0.297	0.298	0.361	17.70
7) T	Trichlorofluor...	0.793	0.847	0.804	0.624	0.610	0.586	0.711	16.30
8) T	Diethyl Ether	0.251	0.276	0.218	0.197	0.203	0.199	0.224	14.49
9) T	1,1,2-Trichlor...	0.497	0.503	0.476	0.397	0.380	0.377	0.438	13.70
10) T	Methyl Iodide	0.299	0.299	0.318	0.242	0.268	0.281	0.285	9.55
11) T	Tert butyl alc...	0.222	0.284	0.172	0.084	0.069	0.057	0.148	62.78
12) CM	1,1-Dichloroet...	0.377	0.407	0.373	0.298	0.281	0.281	0.336	16.53#
13) T	Acrolein	0.020	0.004	0.022	0.021	0.021	0.021	0.018	39.22
14) T	Allyl chloride	0.685	0.728	0.716	0.591	0.583	0.585	0.648	10.66
15) T	Acrylonitrile	0.132	0.140	0.130	0.119	0.126	0.124	0.128	5.55
16) T	Acetone	0.126	0.133	0.116	0.113	0.102	0.097	0.115	11.99
17) T	Carbon Disulfide	0.618	0.688	0.664	0.389	0.380	0.372	0.518	29.54
18) T	Methyl Acetate	0.351	0.645	0.365	0.258	0.270	0.269	0.360	40.85
19) T	Methyl tert-bu...	1.367	1.354	1.296	1.269	1.245	1.248	1.297	4.09
20) T	Methylene Chlo...	0.885	0.915	0.694	0.499	0.446	0.445	0.647	33.40
21) T	trans-1,2-Dich...	0.424	0.486	0.436	0.363	0.331	0.333	0.396	15.87
22) T	Diisopropyl ether	1.843	1.848	1.800	1.730	1.687	1.709	1.769	3.95
23) T	Vinyl Acetate	0.939	0.773	0.915	0.924	0.949	0.955	0.909	7.51
24) P	1,1-Dichloroet...	1.078	1.072	1.014	0.883	0.879	0.874	0.967	10.23
25) T	2-Butanone	0.187	0.183	0.171	0.169	0.164	0.161	0.173	6.06
26) T	2,2-Dichloropr...	0.988	1.101	0.929	0.858	0.820	0.825	0.920	11.94
27) T	cis-1,2-Dichlo...	0.602	0.656	0.578	0.518	0.529	0.524	0.568	9.63
28) T	Bromochloromet...	0.419	0.484	0.368	0.375	0.365	0.355	0.394	12.42
29) T	Tetrahydrofuran	0.103	0.110	0.106	0.097	0.101	0.100	0.103	4.75
30) C	Chloroform	1.119	1.221	1.129	1.029	1.008	1.014	1.087	7.79#
31) T	Cyclohexane	0.789	1.018	0.721	0.529	0.490	0.484	0.672	31.55
32) T	1,1,1-Trichlor...	0.939	1.012	0.959	0.868	0.837	0.836	0.908	7.98
33) S	1,2-Dichloroet...	0.748	0.784	0.735	0.583	0.587	0.582	0.670	14.25
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.343	0.364	0.334	0.316	0.318	0.310	0.331	6.18
36) T	1,1-Dichloropr...	0.364	0.383	0.371	0.307	0.296	0.288	0.335	12.65
37) T	Ethyl Acetate	0.221	0.244	0.208	0.181	0.190	0.185	0.205	11.99
38) T	Carbon Tetrach...	0.406	0.416	0.414	0.362	0.349	0.345	0.382	8.75
39) T	Methylcyclohexane	0.407	0.402	0.392	0.296	0.293	0.289	0.346	17.13
40) TM	Benzene	1.061	1.127	1.061	0.918	0.906	0.904	0.996	9.86
41) T	Methacrylonitrile	0.134	0.148	0.127	0.139	0.139	0.118	0.134	7.91
42) TM	1,2-Dichloroet...	0.377	0.392	0.376	0.335	0.330	0.319	0.355	8.53
43) T	Isopropyl Acetate	0.412	0.424	0.400	0.389	0.398	0.395	0.403	3.22
44) TM	Trichloroethene	0.286	0.296	0.279	0.234	0.233	0.232	0.260	11.55
45) C	1,2-Dichloropr...	0.301	0.329	0.309	0.280	0.279	0.272	0.295	7.38#
46) T	Dibromomethane	0.167	0.165	0.170	0.156	0.154	0.151	0.160	4.94
47) T	Bromodichlorom...	0.479	0.462	0.468	0.445	0.432	0.438	0.454	4.07
48) T	Methyl methacr...	0.194	0.190	0.175	0.176	0.183	0.180	0.183	4.24
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	4.58
50) S	Toluene-d8	1.284	1.323	1.337	0.967	0.994	1.015	1.153	15.47
51) T	4-Methyl-2-Pen...	0.213	0.219	0.217	0.208	0.218	0.213	0.215	1.94
52) CM	Toluene	0.713	0.701	0.717	0.631	0.624	0.629	0.669	6.81#
53) T	t-1,3-Dichloro...	0.431	0.445	0.419	0.402	0.406	0.399	0.417	4.28
54) T	cis-1,3-Dichlo...	0.473	0.488	0.492	0.440	0.436	0.436	0.461	5.77
55) T	1,1,2-Trichlor...	0.250	0.259	0.252	0.226	0.229	0.232	0.241	5.92
56) T	Ethyl methacry...	0.282	0.280	0.297	0.292	0.299	0.303	0.292	3.27

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57)	T	1,3-Dichloropr...	0.442	0.421	0.422	0.395	0.390	0.392	0.410	5.15
58)	T	2-Chloroethyl ...	0.115	0.144	0.116	0.102	0.110	0.112	0.116	12.18
59)	T	2-Hexanone	0.145	0.144	0.149	0.145	0.149	0.145	0.146	1.37
60)	T	Dibromochlorom...	0.297	0.322	0.300	0.291	0.294	0.293	0.299	3.91
61)	T	1,2-Dibromoethane	0.215	0.232	0.226	0.208	0.211	0.210	0.217	4.53
62)	S	4-Bromofluorob...	0.496	0.485	0.460	0.482	0.500	0.509	0.489	3.51
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.247	0.266	0.229	0.190	0.183	0.177	0.215	17.38
65)	PM	Chlorobenzene	0.860	0.909	0.854	0.786	0.779	0.772	0.827	6.73
66)	T	1,1,1,2-Tetrac...	0.351	0.326	0.328	0.326	0.319	0.319	0.328	3.60
67)	C	Ethyl Benzene	1.585	1.700	1.616	1.466	1.449	1.438	1.542	6.95#
68)	T	m/p-Xylenes	0.578	0.601	0.579	0.546	0.544	0.545	0.566	4.24
69)	T	o-Xylene	0.561	0.592	0.578	0.542	0.547	0.544	0.561	3.63
70)	T	Styrene	0.964	0.997	0.982	0.950	0.965	0.967	0.971	1.70
71)	P	Bromoform	0.159	0.172	0.176	0.170	0.172	0.172	0.170	3.28
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.707	3.492	3.573	3.352	3.160	3.218	3.417	6.20
74)	T	N-amyl acetate	0.960	0.956	0.946	0.952	0.910	0.901	0.938	2.70
75)	P	1,1,2,2-Tetrac...	0.772	0.701	0.745	0.712	0.672	0.662	0.711	5.93
76)	T	1,2,3-Trichlor...	0.540	0.528	0.590	0.556	0.562	0.470	0.541	7.50
77)	T	Bromobenzene	0.748	0.808	0.742	0.696	0.644	0.659	0.716	8.63
78)	T	n-propylbenzene	4.535	4.688	4.544	4.267	3.909	3.953	4.316	7.60
79)	T	2-Chlorotoluene	2.721	2.736	2.493	2.457	2.216	2.270	2.482	8.79
80)	T	1,3,5-Trimethy...	2.959	2.945	2.977	2.852	2.644	2.715	2.849	4.91
81)	T	trans-1,4-Dich...	0.202	0.209	0.203	0.216	0.202	0.203	0.206	2.66
82)	T	4-Chlorotoluene	2.801	2.790	2.722	2.535	2.330	2.398	2.596	7.88
83)	T	tert-Butylbenzene	2.561	2.669	2.578	2.545	2.343	2.367	2.510	5.10
84)	T	1,2,4-Trimethy...	2.968	2.967	3.013	2.818	2.642	2.738	2.858	5.20
85)	T	sec-Butylbenzene	4.155	4.044	4.061	3.880	3.599	3.679	3.903	5.75
86)	T	p-Isopropyltol...	3.258	3.155	3.292	3.155	2.970	3.027	3.143	4.01
87)	T	1,3-Dichlorobe...	1.620	1.655	1.592	1.507	1.408	1.452	1.539	6.39
88)	T	1,4-Dichlorobe...	1.561	1.629	1.577	1.463	1.389	1.425	1.507	6.31
89)	T	n-Butylbenzene	3.245	3.313	3.321	3.195	2.917	2.930	3.154	5.83
90)	T	Hexachloroethane	0.645	0.623	0.626	0.611	0.569	0.576	0.608	4.90
91)	T	1,2-Dichlorobe...	1.397	1.463	1.373	1.360	1.258	1.282	1.356	5.56
92)	T	1,2-Dibromo-3-...	0.130	0.132	0.120	0.114	0.111	0.108	0.119	8.42
93)	T	1,2,4-Trichlor...	0.854	0.837	0.769	0.776	0.702	0.697	0.772	8.49
94)	T	Hexachlorobuta...	0.409	0.388	0.398	0.365	0.324	0.320	0.368	10.33
95)	T	Naphthalene	1.763	1.782	1.635	1.687	1.627	1.624	1.686	4.19
96)	T	1,2,3-Trichlor...	0.699	0.746	0.675	0.676	0.613	0.620	0.672	7.41

(#) = Out of Range