

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
 Method File : 82D062322S.M
 Title : SW846 8260
 Last Update : Fri Jun 24 07:36:47 2022
 Response Via : Initial Calibration

Calibration Files

10 =VD073671.D 5 =VD073670.D 20 =VD073666.D 50 =VD073667.D 100 =VD073668.D 150 =VD073669.D

	Compound	10	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.545	0.676	0.541	0.427	0.435	0.408	0.505	20.31
3) P	Chloromethane	0.486	0.586	0.481	0.387	0.404	0.396	0.457	16.82
4) C	Vinyl Chloride	0.477	0.543	0.463	0.412	0.414	0.394	0.450	12.37#
5) T	Bromomethane	0.394	0.472	0.347	0.294	0.291	0.280	0.347	21.68
6) T	Chloroethane	0.316	0.360	0.316	0.280	0.277	0.271	0.303	11.22
7) T	Trichlorofluor...	1.100	1.270	1.095	0.966	0.976	0.915	1.053	12.26
8) T	Diethyl Ether	0.269	0.300	0.275	0.251	0.261	0.266	0.270	6.12
9) T	1,1,2-Trichlor...	0.646	0.743	0.611	0.542	0.561	0.522	0.604	13.53
10) T	Methyl Iodide	0.499	0.541	0.597	0.561	0.617	0.636	0.575	8.89
11) T	Tert butyl alc...	0.189	0.346	0.125	0.061	0.050	0.048	0.137	85.23
12) CM	1,1-Dichloroet...	0.520	0.584	0.524	0.487	0.494	0.474	0.514	7.68#
13) T	Acrolein	0.009	0.010	0.009	0.011	0.011	0.012	0.010	10.26
14) T	Allyl chloride	0.736	0.818	0.768	0.715	0.758	0.749	0.758	4.62
15) T	Acrylonitrile	0.125	0.140	0.135	0.119	0.126	0.130	0.129	5.73
16) T	Acetone	0.117	0.141	0.102	0.097	0.096	0.098	0.108	16.39
17) T	Carbon Disulfide	1.342	1.475	1.354	1.203	1.213	1.192	1.296	8.72
18) T	Methyl Acetate	0.317	0.544	0.340	0.253	0.270	0.283	0.335	32.14
19) T	Methyl tert-bu...	1.328	1.361	1.362	1.283	1.340	1.353	1.338	2.23
20) T	Methylene Chlo...	0.914	1.219	0.812	0.610	0.595	0.583	0.789	31.73
21) T	trans-1,2-Dich...	0.614	0.717	0.619	0.576	0.578	0.565	0.611	9.19
22) T	Diisopropyl ether	1.700	1.690	1.803	1.664	1.690	1.658	1.701	3.08
23) T	Vinyl Acetate	0.873	0.719	0.924	0.913	0.954	0.966	0.892	10.16
24) P	1,1-Dichloroet...	1.181	1.287	1.176	1.064	1.050	1.039	1.133	8.69
25) T	2-Butanone	0.161	0.176	0.154	0.140	0.147	0.151	0.155	8.17
26) T	2,2-Dichloropr...	1.095	1.217	1.087	1.009	1.020	0.974	1.067	8.16
27) T	cis-1,2-Dichlo...	0.720	0.787	0.741	0.693	0.694	0.678	0.719	5.58
28) T	Bromochloromet...	0.400	0.470	0.363	0.383	0.390	0.393	0.400	9.18
29) T	Tetrahydrofuran	0.093	0.097	0.095	0.088	0.094	0.098	0.094	3.97
30) C	Chloroform	1.345	1.461	1.294	1.205	1.182	1.163	1.275	9.01#
31) T	Cyclohexane	0.961	1.140	0.931	0.836	0.851	0.809	0.921	13.23
32) T	1,1,1-Trichlor...	1.191	1.273	1.192	1.087	1.080	1.049	1.145	7.56
33) S	1,2-Dichloroet...	0.690	0.738	0.644	0.537	0.529	0.547	0.614	14.48
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.426	0.454	0.411	0.353	0.351	0.342	0.390	11.99
36) T	1,1-Dichloropr...	0.532	0.597	0.570	0.524	0.551	0.507	0.547	6.04
37) T	Ethyl Acetate	0.204	0.214	0.221	0.207	0.223	0.218	0.215	3.62
38) T	Carbon Tetrach...	0.625	0.704	0.679	0.602	0.627	0.583	0.637	7.24
39) T	Methylcyclohexane	0.577	0.648	0.609	0.588	0.636	0.584	0.607	4.87
40) TM	Benzene	1.549	1.765	1.649	1.526	1.565	1.443	1.583	7.02
41) T	Methacrylonitrile	0.131	0.125	0.128	0.130	0.140	0.122	0.130	4.71
42) TM	1,2-Dichloroet...	0.497	0.500	0.506	0.450	0.465	0.443	0.477	5.78
43) T	Isopropyl Acetate	0.423	0.410	0.429	0.409	0.429	0.426	0.421	2.16
44) TM	Trichloroethene	0.441	0.505	0.487	0.433	0.446	0.416	0.455	7.50
45) C	1,2-Dichloropr...	0.405	0.412	0.412	0.388	0.396	0.368	0.397	4.29#
46) T	Dibromomethane	0.233	0.255	0.249	0.214	0.222	0.211	0.230	7.89
47) T	Bromodichlorom...	0.622	0.642	0.614	0.578	0.599	0.567	0.604	4.63
48) T	Methyl methacr...	0.207	0.202	0.224	0.210	0.222	0.217	0.214	4.06
49) T	1,4-Dioxane	0.003	0.002	0.003	0.003	0.003	0.003	0.003	4.62
50) S	Toluene-d8	1.517	1.609	1.474	1.264	1.277	1.251	1.399	11.03
51) T	4-Methyl-2-Pen...	0.206	0.202	0.225	0.214	0.228	0.224	0.216	5.00
52) CM	Toluene	1.003	1.067	1.093	1.012	1.061	0.986	1.037	4.09#
53) T	t-1,3-Dichloro...	0.554	0.551	0.567	0.530	0.558	0.536	0.549	2.49
54) T	cis-1,3-Dichlo...	0.619	0.636	0.662	0.608	0.626	0.601	0.625	3.50
55) T	1,1,2-Trichlor...	0.327	0.349	0.331	0.317	0.319	0.307	0.325	4.44
56) T	Ethyl methacry...	0.342	0.334	0.368	0.358	0.394	0.400	0.366	7.31

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57)	T	1,3-Dichloropr...	0.531	0.568	0.551	0.512	0.537	0.512	0.535	4.08
58)	T	2-Chloroethyl ...	0.124	0.148	0.144	0.137	0.151	0.148	0.142	7.24
59)	T	2-Hexanone	0.137	0.136	0.147	0.146	0.157	0.154	0.146	5.93
60)	T	Dibromochlorom...	0.418	0.450	0.446	0.420	0.428	0.406	0.428	4.01
61)	T	1,2-Dibromoethane	0.303	0.319	0.326	0.297	0.305	0.295	0.307	4.02
62)	S	4-Bromofluorob...	0.553	0.603	0.552	0.471	0.491	0.478	0.525	10.02
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.391	0.446	0.418	0.375	0.392	0.354	0.396	8.19
65)	PM	Chlorobenzene	1.244	1.304	1.253	1.182	1.219	1.140	1.224	4.70
66)	T	1,1,1,2-Tetrac...	0.515	0.522	0.505	0.474	0.479	0.456	0.492	5.27
67)	C	Ethyl Benzene	2.090	2.165	2.192	2.106	2.208	2.053	2.136	2.89#
68)	T	m/p-Xylenes	0.809	0.821	0.870	0.819	0.846	0.787	0.825	3.51
69)	T	o-Xylene	0.740	0.729	0.786	0.763	0.812	0.763	0.765	3.95
70)	T	Styrene	1.299	1.269	1.408	1.340	1.413	1.309	1.340	4.44
71)	P	Bromoform	0.273	0.270	0.281	0.253	0.272	0.257	0.268	3.90
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.794	4.032	4.152	4.044	4.302	4.173	4.083	4.21
74)	T	N-amyl acetate	0.779	0.772	0.843	0.819	0.890	0.911	0.835	6.81
75)	P	1,1,2,2-Tetrac...	0.762	0.842	0.796	0.718	0.750	0.754	0.770	5.61
76)	T	1,2,3-Trichlor...	0.534	0.537	0.435	0.437	0.531	0.446	0.487	10.69
77)	T	Bromobenzene	0.983	1.044	0.996	0.939	0.966	0.963	0.982	3.67
78)	T	n-propylbenzene	4.671	5.016	5.110	4.904	5.217	5.023	4.990	3.77
79)	T	2-Chlorotoluene	2.803	2.966	2.998	2.835	2.948	2.891	2.907	2.65
80)	T	1,3,5-Trimethy...	3.339	3.462	3.616	3.450	3.622	3.512	3.500	3.09
81)	T	trans-1,4-Dich...	0.235	0.225	0.240	0.226	0.249	0.254	0.238	5.02
82)	T	4-Chlorotoluene	3.053	3.126	3.213	3.009	3.092	3.048	3.090	2.33
83)	T	tert-Butylbenzene	2.745	3.058	3.144	3.069	3.274	3.170	3.077	5.86
84)	T	1,2,4-Trimethy...	3.286	3.342	3.583	3.405	3.557	3.456	3.438	3.42
85)	T	sec-Butylbenzene	4.344	4.519	4.644	4.391	4.726	4.527	4.525	3.21
86)	T	p-Isopropyltol...	3.546	3.589	3.968	3.680	4.001	3.818	3.767	5.12
87)	T	1,3-Dichlorobe...	2.071	2.287	2.113	1.918	1.956	1.924	2.045	7.02
88)	T	1,4-Dichlorobe...	2.040	2.255	2.099	1.916	1.927	1.905	2.024	6.79
89)	T	n-Butylbenzene	3.266	3.475	3.680	3.480	3.713	3.552	3.528	4.59
90)	T	Hexachloroethane	0.759	0.826	0.797	0.740	0.778	0.759	0.777	4.00
91)	T	1,2-Dichlorobe...	1.733	1.877	1.829	1.689	1.726	1.701	1.759	4.32
92)	T	1,2-Dibromo-3-...	0.142	0.149	0.126	0.113	0.117	0.124	0.129	11.18
93)	T	1,2,4-Trichlor...	1.002	1.080	1.067	1.003	1.091	1.059	1.051	3.66
94)	T	Hexachlorobuta...	0.600	0.630	0.630	0.554	0.602	0.559	0.596	5.59
95)	T	Naphthalene	1.641	1.773	1.770	1.848	2.083	2.153	1.878	10.57
96)	T	1,2,3-Trichlor...	0.868	0.925	0.955	0.882	0.942	0.935	0.918	3.80

(#) = Out of Range