

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N033022W.M
 Title : SW846 8260
 Last Update : Thu Mar 31 01:57:54 2022
 Response Via : Initial Calibration

Calibration Files

1 =VN071647.D 5 =VN071648.D 10 =VN071649.D 20 =VN071650.D 50 =VN071651.D 100 =VN071652.D

	Compound	1	5	10	20	50	100	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.378	0.391	0.401	0.407	0.416	0.392	0.398	3.36
3) P	Chloromethane	0.613	0.518	0.488	0.475	0.481	0.447	0.504	11.55
4) C	Vinyl Chloride	0.584	0.586	0.523	0.539	0.564	0.523	0.553	5.22#
5) T	Bromomethane		0.420	0.374	0.363	0.366	0.275	0.360	14.61
6) T	Chloroethane	0.427	0.482	0.367	0.366	0.398	0.347	0.398	12.56
7) T	Trichlorofluor...	0.768	0.715	0.670	0.688	0.714	0.667	0.704	5.31
8) T	Diethyl Ether	0.283	0.312	0.293	0.294	0.307	0.297	0.297	3.53
9) T	1,1,2-Trichlor...	0.492	0.443	0.407	0.416	0.436	0.407	0.434	7.43
10) T	Methyl Iodide		0.618	0.580	0.593	0.634	0.607	0.606	3.47
11) T	Tert butyl alc...		0.086	0.086	0.090	0.100	0.100	0.093	7.74
12) CM	1,1-Dichloroet...	0.422	0.433	0.402	0.405	0.417	0.398	0.413	3.30#
13) T	Acrolein		0.107	0.109	0.113	0.122	0.114	0.113	4.88
14) T	Allyl chloride	0.687	0.684	0.634	0.652	0.695	0.667	0.670	3.49
15) T	Acrylonitrile	0.256	0.268	0.259	0.273	0.288	0.272	0.269	4.20
16) T	Acetone	0.304	0.242	0.242	0.228	0.233	0.214	0.244	12.71
17) T	Carbon Disulfide	1.143	1.048	0.837	0.856	0.921	0.877	0.947	12.90
18) T	Methyl Acetate	1.045	0.929	0.618	0.612	0.625	0.591	0.737	26.85
19) T	Methyl tert-bu...	1.466	1.576	1.462	1.544	1.615	1.536	1.533	3.93
20) T	Methylene Chlo...	0.590	0.529	0.483	0.499	0.506	0.478	0.514	8.06
21) T	trans-1,2-Dich...	0.498	0.482	0.422	0.436	0.450	0.431	0.453	6.69
22) T	Diisopropyl ether	1.443	1.458	1.438	1.463	1.518	1.429	1.458	2.18
23) T	Vinyl Acetate	0.985	1.056	1.143	1.211	1.309	1.253	1.160	10.56
24) P	1,1-Dichloroet...	0.866	0.884	0.821	0.845	0.883	0.837	0.856	3.04
25) T	2-Butanone	0.354	0.345	0.341	0.351	0.368	0.350	0.352	2.57
26) T	2,2-Dichloropr...	0.751	0.726	0.709	0.731	0.767	0.728	0.735	2.79
27) T	cis-1,2-Dichlo...	0.567	0.556	0.542	0.551	0.570	0.547	0.556	2.04
28) T	Bromochloromet...	0.360	0.339	0.352	0.355	0.316	0.350	0.345	4.66
29) T	Tetrahydrofuran	0.210	0.225	0.223	0.232	0.246	0.230	0.228	5.27
30) C	Chloroform	0.971	0.920	0.861	0.882	0.925	0.865	0.904	4.70#
31) T	Cyclohexane		0.934	0.769	0.737	0.747	0.694	0.776	11.92
32) T	1,1,1-Trichlor...	0.809	0.787	0.741	0.753	0.794	0.755	0.773	3.53
33) S	1,2-Dichloroet...		0.593	0.564	0.554	0.567	0.577	0.571	2.57
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.285	0.299	0.283	0.297	0.307	0.294	3.49
36) T	1,1-Dichloropr...	0.442	0.441	0.376	0.393	0.415	0.398	0.411	6.57
37) T	Ethyl Acetate	0.444	0.432	0.443	0.442	0.483	0.454	0.450	3.99
38) T	Carbon Tetrach...	0.415	0.413	0.379	0.389	0.416	0.404	0.403	3.85
39) T	Methylcyclohexane	0.472	0.516	0.454	0.482	0.516	0.495	0.489	5.04
40) TM	Benzene	1.375	1.366	1.250	1.259	1.298	1.240	1.298	4.60
41) T	Methacrylonitrile	0.204	0.221	0.194	0.243	0.231	0.227	0.220	8.15
42) TM	1,2-Dichloroet...	0.464	0.478	0.432	0.438	0.449	0.433	0.449	4.21
43) T	Isopropyl Acetate	0.899	0.749	0.686	0.699	0.734	0.721	0.748	10.38
44) TM	Trichloroethene	0.328	0.359	0.319	0.328	0.344	0.329	0.334	4.30
45) C	1,2-Dichloropr...	0.337	0.325	0.319	0.316	0.329	0.319	0.324	2.44#
46) T	Dibromomethane	0.228	0.226	0.212	0.216	0.224	0.214	0.220	3.10
47) T	Bromodichlorom...	0.421	0.424	0.423	0.432	0.457	0.444	0.433	3.33
48) T	Methyl methacr...	0.280	0.287	0.295	0.327	0.329	0.344	0.310	8.43
49) T	1,4-Dioxane	0.007	0.006	0.013	0.007	0.007	0.007	0.008	32.43
50) S	Toluene-d8		1.215	1.192	1.169	1.208	1.234	1.204	2.02
51) T	4-Methyl-2-Pen...	0.360	0.418	0.419	0.443	0.472	0.468	0.430	9.53
52) CM	Toluene	0.797	0.857	0.790	0.816	0.851	0.811	0.820	3.41#
53) T	t-1,3-Dichloro...	0.408	0.439	0.431	0.453	0.495	0.499	0.454	7.98
54) T	cis-1,3-Dichlo...	0.446	0.515	0.471	0.507	0.543	0.530	0.502	7.35
55) T	1,1,2-Trichlor...	0.345	0.339	0.330	0.335	0.346	0.331	0.338	1.99
56) T	Ethyl methacry...	0.399	0.464	0.457	0.491	0.536	0.544	0.482	11.28

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57)	T	1,3-Dichloropr...	0.581	0.571	0.546	0.557	0.579	0.553	0.565	2.54
58)	T	2-Chloroethyl ...	0.068	0.095	0.094	0.112	0.139	0.157	0.111	29.30
59)	T	2-Hexanone	0.250	0.288	0.288	0.314	0.341	0.335	0.303	11.30
60)	T	Dibromochlorom...	0.291	0.323	0.316	0.335	0.358	0.353	0.329	7.60
61)	T	1,2-Dibromoethane	0.322	0.336	0.316	0.332	0.348	0.340	0.332	3.58
62)	S	4-Bromofluorob...	0.375	0.356	0.369	0.408	0.438	0.389		8.57
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.372	0.349	0.318	0.323	0.322	0.296	0.330	8.08
65)	PM	Chlorobenzene	1.066	1.032	0.956	0.978	1.008	0.967	1.001	4.24
66)	T	1,1,1,2-Tetrac...	0.364	0.357	0.357	0.363	0.370	0.357	0.361	1.55
67)	C	Ethyl Benzene	1.598	1.747	1.624	1.684	1.796	1.720	1.695	4.41#
68)	T	m/p-Xylenes	0.584	0.667	0.631	0.659	0.699	0.667	0.651	6.02
69)	T	o-Xylene	0.566	0.665	0.625	0.656	0.694	0.672	0.646	7.05
70)	T	Styrene	0.799	0.941	0.911	1.009	1.110	1.106	0.979	12.31
71)	P	Bromoform	0.246	0.266	0.256	0.277	0.306	0.300	0.275	8.68
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.173	4.507	4.210	4.230	4.186	3.974	4.213	4.06
74)	T	N-amyl acetate	1.066	1.180	1.148	1.222	1.347	1.280	1.207	8.22
75)	P	1,1,2,2-Tetrac...	1.570	1.496	1.423	1.394	1.349	1.203	1.406	9.01
76)	T	1,2,3-Trichlor...	1.327	1.228	1.221	0.991	1.123	1.059	1.158	10.66
77)	T	Bromobenzene	1.256	1.082	1.012	0.995	1.017	0.975	1.056	9.89
78)	T	n-propylbenzene	4.142	4.621	4.322	4.441	4.596	4.470	4.432	4.04
79)	T	2-Chlorotoluene	2.917	3.041	2.827	2.791	2.797	2.680	2.842	4.35
80)	T	1,3,5-Trimethy...	3.023	3.616	3.402	3.401	3.354	3.233	3.338	5.93
81)	T	trans-1,4-Dich...	0.358	0.344	0.362	0.407	0.398	0.374		7.27
82)	T	4-Chlorotoluene	2.633	2.825	2.545	2.564	2.666	2.574	2.635	3.95
83)	T	tert-Butylbenzene	2.810	3.260	3.094	3.082	3.102	2.962	3.052	4.97
84)	T	1,2,4-Trimethy...	2.925	3.500	3.336	3.293	3.315	3.172	3.257	5.94
85)	T	sec-Butylbenzene	3.454	4.222	3.908	4.021	4.127	4.002	3.956	6.79
86)	T	p-Isopropyltol...	2.593	3.297	3.108	3.209	3.397	3.320	3.154	9.26
87)	T	1,3-Dichlorobe...	1.725	1.724	1.625	1.664	1.715	1.644	1.683	2.61
88)	T	1,4-Dichlorobe...	1.725	1.708	1.583	1.595	1.655	1.583	1.642	3.92
89)	T	n-Butylbenzene	2.090	2.298	2.185	2.324	2.562	2.578	2.339	8.42
90)	T	Hexachloroethane	0.508	0.591	0.582	0.583	0.603	0.598	0.577	6.08
91)	T	1,2-Dichlorobe...	1.827	1.647	1.645	1.610	1.641	1.542	1.652	5.72
92)	T	1,2-Dibromo-3-...	0.208	0.202	0.212	0.220	0.234	0.231	0.218	5.83
93)	T	1,2,4-Trichlor...	0.460	0.555	0.583	0.685	0.793	0.817	0.649	21.69
94)	T	Hexachlorobuta...	0.547	0.527	0.477	0.475	0.479	0.418	0.487	9.31
95)	T	Naphthalene	0.930	1.074	1.256	1.661	2.187	2.407	1.586	38.28
96)	T	1,2,3-Trichlor...	0.402	0.489	0.517	0.656	0.767	0.794	0.604	26.35

(#) = Out of Range