

Method Path : Z:\voasrv\HPCHEM1\MSVOA_U\Method\
 Method File : 82U052523W.M
 Title : SW846 8260
 Last Update : Fri May 26 06:40:51 2023
 Response Via : Initial Calibration

Calibration Files

1 =VU054265.D 5 =VU054266.D 20 =VU054267.D 50 =VU054268.D 100 =VU054269.D 150 =VU054270.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.473	0.533	0.577	0.591	0.617	0.557	0.558	9.10
3) P	Chloromethane	0.852	0.707	0.700	0.724	0.724	0.678	0.731	8.46
4) C	Vinyl Chloride	0.679	0.670	0.691	0.728	0.724	0.693	0.697	3.37#
5) T	Bromomethane		0.401	0.384	0.386	0.396	0.363	0.386	3.86
6) T	Chloroethane	0.356	0.331	0.347	0.341	0.347	0.295	0.336	6.49
7) T	Trichlorofluor...	1.084	0.925	0.932	0.935	0.971	0.909	0.959	6.70
8) T	Diethyl Ether	0.330	0.365	0.353	0.359	0.371	0.352	0.355	4.02
9) T	1,1,2-Trichlor...	0.527	0.527	0.505	0.517	0.542	0.499	0.519	3.05
10) T	Methyl Iodide		0.428	0.526	0.632	0.642	0.640	0.574	16.53
11) T	Tert butyl alc...		0.182	0.173	0.182	0.180	0.169	0.177	3.21
12) CM	1,1-Dichloroet...	0.640	0.526	0.508	0.527	0.523	0.503	0.538	9.46#
13) T	Acrolein		0.195	0.173	0.182	0.191	0.179	0.184	4.89
14) T	Allyl chloride	1.026	0.890	0.889	0.953	0.937	0.900	0.933	5.64
15) T	Acrylonitrile	0.404	0.378	0.390	0.412	0.407	0.390	0.397	3.25
16) T	Acetone	0.450	0.329	0.360	0.367	0.395	0.352	0.376	11.26
17) T	Carbon Disulfide	1.983	1.494	1.432	1.531	1.582	1.515	1.589	12.51
18) T	Methyl Acetate	1.465	1.373	1.326	1.412	1.366	1.288	1.372	4.54
19) T	Methyl tert-bu...	1.820	1.692	1.724	1.793	1.802	1.731	1.760	2.92
20) T	Methylene Chlo...	0.851	0.694	0.636	0.655	0.629	0.603	0.678	13.26
21) T	trans-1,2-Dich...	0.628	0.583	0.551	0.576	0.570	0.546	0.576	5.14
22) T	Diisopropyl ether	1.596	1.602	1.707	1.731	1.681	1.600	1.653	3.66
23) T	Vinyl Acetate	1.049	1.127	1.218	1.306	1.295	1.241	1.206	8.31
24) P	1,1-Dichloroet...	1.080	1.095	1.032	1.075	1.057	1.010	1.058	3.03
25) T	2-Butanone	0.456	0.465	0.499	0.528	0.538	0.499	0.497	6.60
26) T	2,2-Dichloropr...	0.991	0.906	0.895	0.925	0.936	0.897	0.925	3.89
27) T	cis-1,2-Dichlo...	0.647	0.644	0.628	0.654	0.647	0.623	0.641	1.94
28) T	Bromochloromet...	0.446	0.517	0.506	0.505	0.493	0.471	0.490	5.39
29) T	Tetrahydrofuran	0.286	0.313	0.314	0.332	0.326	0.305	0.313	5.13
30) C	Chloroform	1.204	1.066	1.055	1.072	1.060	0.997	1.076	6.36#
31) T	Cyclohexane		1.052	0.897	0.897	0.916	0.865	0.926	7.89
32) T	1,1,1-Trichlor...	0.945	0.949	0.922	0.945	0.944	0.899	0.934	2.09
33) S	1,2-Dichloroet...		0.695	0.641	0.654	0.650	0.638	0.655	3.52
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.308	0.324	0.324	0.332	0.321	0.322	2.73
36) T	1,1-Dichloropr...	0.620	0.500	0.461	0.483	0.501	0.470	0.506	11.47
37) T	Ethyl Acetate	0.581	0.790	0.563	0.595	0.596	0.573	0.616	13.97
38) T	Carbon Tetrach...	0.560	0.507	0.499	0.516	0.527	0.496	0.518	4.61
39) T	Methylcyclohexane	0.542	0.569	0.547	0.572	0.629	0.578	0.573	5.39
40) TM	Benzene	1.468	1.449	1.432	1.461	1.457	1.388	1.443	2.04
41) T	Methacrylonitrile	0.234	0.277	0.287	0.304	0.311	0.295	0.285	9.68
42) TM	1,2-Dichloroet...	0.551	0.525	0.520	0.527	0.527	0.493	0.524	3.53
43) T	Isopropyl Acetate	0.833	0.866	0.820	0.860	0.874	0.847	0.850	2.44
44) TM	Trichloroethene	0.485	0.387	0.383	0.390	0.396	0.378	0.403	10.10
45) C	1,2-Dichloropr...	0.368	0.382	0.377	0.381	0.382	0.368	0.376	1.77#
46) T	Dibromomethane	0.290	0.279	0.266	0.279	0.282	0.267	0.277	3.33
47) T	Bromodichlorom...	0.531	0.498	0.509	0.527	0.532	0.512	0.518	2.66
48) T	Methyl methacr...	0.323	0.354	0.368	0.399	0.413	0.405	0.377	9.28
49) T	1,4-Dioxane	0.010	0.010	0.011	0.011	0.011	0.010	0.011	5.43
50) S	Toluene-d8		1.224	1.213	1.194	1.263	1.229	1.225	2.06
51) T	4-Methyl-2-Pen...	0.539	0.536	0.557	0.596	0.600	0.577	0.567	4.89
52) CM	Toluene	0.958	0.900	0.900	0.930	0.938	0.893	0.920	2.85#
53) T	t-1,3-Dichloro...	0.570	0.556	0.570	0.610	0.631	0.619	0.593	5.26
54) T	cis-1,3-Dichlo...	0.587	0.584	0.603	0.641	0.659	0.637	0.619	5.04
55) T	1,1,2-Trichlor...	0.406	0.386	0.371	0.375	0.384	0.365	0.381	3.84
56) T	Ethyl methacry...	0.458	0.532	0.538	0.609	0.636	0.632	0.567	12.39

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57)	T	1,3-Dichloropr...	0.673	0.650	0.636	0.666	0.668	0.645	0.656	2.22
58)	T	2-Chloroethyl ...			0.022	0.031	0.041	0.052	0.036	35.84
59)	T	2-Hexanone	0.423	0.421	0.440	0.469	0.480	0.456	0.448	5.41
60)	T	Dibromochlorom...	0.357	0.360	0.380	0.402	0.413	0.411	0.387	6.43
61)	T	1,2-Dibromoethane	0.399	0.411	0.414	0.421	0.427	0.417	0.415	2.33
62)	S	4-Bromofluorob...		0.463	0.456	0.460	0.497	0.498	0.475	4.42
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.366	0.373	0.376	0.383	0.400	0.360	0.376	3.67
65)	PM	Chlorobenzene	1.167	1.029	1.010	1.014	1.051	1.001	1.045	5.95
66)	T	1,1,1,2-Tetrac...	0.380	0.370	0.369	0.387	0.391	0.378	0.379	2.37
67)	C	Ethyl Benzene	1.799	1.699	1.723	1.807	1.897	1.797	1.787	3.93#
68)	T	m/p-Xylenes	0.640	0.657	0.660	0.697	0.727	0.683	0.677	4.68
69)	T	o-Xylene	0.639	0.597	0.640	0.677	0.708	0.673	0.656	5.92
70)	T	Styrene	0.990	0.954	1.052	1.159	1.214	1.156	1.087	9.61
71)	P	Bromoform	0.293	0.316	0.312	0.344	0.357	0.355	0.330	7.97
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.069	2.895	3.019	3.117	3.281	3.198	3.097	4.39
74)	T	N-amyl acetate	1.377	1.163	1.251	1.321	1.395	1.381	1.315	6.96
75)	P	1,1,2,2-Tetrac...	1.375	1.301	1.217	1.216	1.215	1.194	1.253	5.62
76)	T	1,2,3-Trichlor...	1.608	1.379	1.409	1.441	1.471	1.448	1.459	5.46
77)	T	Bromobenzene	0.915	0.827	0.827	0.834	0.862	0.836	0.850	4.04
78)	T	n-propylbenzene	3.822	3.463	3.650	3.831	4.072	3.922	3.793	5.61
79)	T	2-Chlorotoluene	2.344	2.239	2.229	2.295	2.357	2.316	2.297	2.32
80)	T	1,3,5-Trimethy...	2.396	2.436	2.620	2.718	2.873	2.757	2.633	7.11
81)	T	trans-1,4-Dich...		0.322	0.360	0.390	0.418	0.425	0.383	11.18
82)	T	4-Chlorotoluene	2.941	2.498	2.586	2.665	2.787	2.691	2.695	5.77
83)	T	tert-Butylbenzene	2.787	2.412	2.496	2.622	2.753	2.730	2.633	5.76
84)	T	1,2,4-Trimethy...	2.450	2.406	2.517	2.688	2.874	2.784	2.620	7.27
85)	T	sec-Butylbenzene	3.271	3.036	3.181	3.381	3.642	3.538	3.341	6.75
86)	T	p-Isopropyltol...	2.829	2.463	2.623	2.843	3.112	2.993	2.810	8.44
87)	T	1,3-Dichlorobe...	1.962	1.577	1.517	1.581	1.657	1.585	1.646	9.77
88)	T	1,4-Dichlorobe...	2.161	1.717	1.562	1.601	1.678	1.602	1.720	12.97
89)	T	n-Butylbenzene	2.908	2.402	2.334	2.562	2.890	2.777	2.645	9.40
90)	T	Hexachloroethane	0.536	0.445	0.457	0.478	0.528	0.539	0.497	8.43
91)	T	1,2-Dichlorobe...	1.807	1.593	1.542	1.577	1.620	1.578	1.620	5.87
92)	T	1,2-Dibromo-3-...	0.242	0.270	0.276	0.303	0.312	0.312	0.286	9.80
93)	T	1,2,4-Trichlor...	1.563	0.954	0.986	1.080	1.203	1.171	1.159	19.03
94)	T	Hexachlorobuta...	0.733	0.501	0.487	0.499	0.563	0.532	0.552	16.74
95)	T	Naphthalene	4.842	2.891	3.087	3.497	3.833	3.803	3.659	18.91
96)	T	1,2,3-Trichlor...	1.627	0.987	0.983	1.099	1.179	1.154	1.172	20.28

(#) = Out of Range