

Method Path : Z:\voasrv\HPCHEM1\MSVOA_U\Method\
 Method File : 82U060921W.M
 Title : SW846 8260
 Last Update : Thu Jun 10 05:11:37 2021
 Response Via : Initial Calibration

Calibration Files

1 =VU044132.D 5 =VU044133.D 20 =VU044134.D 50 =VU044135.D 100 =VU044136.D 150 =VU044137.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.731	0.729	0.746	0.680	0.664	0.682	0.705	4.82
3) P	Chloromethane	1.337	0.991	0.887	0.818	0.774	0.790	0.933	22.89
4) C	Vinyl Chloride	0.972	0.895	0.852	0.786	0.763	0.781	0.841	9.63#
5) T	Bromomethane		0.347	0.483	0.380	0.262	0.264	0.347	26.48
6) T	Chloroethane	0.721	0.569	0.516	0.476	0.458	0.467	0.534	18.73
7) T	Trichlorofluor...	1.155	1.035	1.044	0.952	0.928	0.960	1.012	8.32
8) T	Diethyl Ether	0.460	0.443	0.416	0.393	0.380	0.392	0.414	7.68
9) T	1,1,2-Trichlor...	0.679	0.659	0.637	0.575	0.564	0.585	0.617	7.85
10) T	Methyl Iodide		0.616	0.741	0.744	0.725	0.730	0.711	7.56
11) T	Tert butyl alc...		0.254	0.201	0.198	0.198	0.217	0.214	11.18
12) CM	1,1-Dichloroet...	0.731	0.621	0.613	0.577	0.559	0.588	0.615	9.97#
13) T	Acrolein		0.167	0.113	0.116	0.111	0.117	0.125	18.87
14) T	Allyl chloride	1.290	1.198	1.126	1.091	1.068	1.109	1.147	7.23
15) T	Acrylonitrile	0.457	0.455	0.449	0.438	0.415	0.439	0.442	3.47
16) T	Acetone	0.654	0.479	0.458	0.404	0.386	0.418	0.467	21.02
17) T	Carbon Disulfide	2.414	1.998	1.961	1.816	1.794	1.862	1.974	11.64
18) T	Methyl Acetate	1.083	1.055	1.047	1.001	0.945	1.005	1.023	4.79
19) T	Methyl tert-bu...	1.882	1.830	1.949	1.867	1.835	1.900	1.877	2.36
20) T	Methylene Chlo...	1.064	0.862	0.793	0.723	0.691	0.711	0.807	17.41
21) T	trans-1,2-Dich...	0.734	0.720	0.691	0.649	0.632	0.649	0.679	6.21
22) T	Diisopropyl ether	1.976	2.057	2.104	1.965	1.865	1.883	1.975	4.76
23) T	Vinyl Acetate	1.797	1.854	1.950	1.894	1.853	1.896	1.874	2.77
24) P	1,1-Dichloroet...	1.463	1.426	1.337	1.237	1.186	1.225	1.312	8.74
25) T	2-Butanone	0.722	0.676	0.671	0.645	0.611	0.658	0.664	5.58
26) T	2,2-Dichloropr...	1.158	1.052	1.070	0.972	0.963	1.004	1.036	7.04
27) T	cis-1,2-Dichlo...	0.824	0.774	0.785	0.718	0.708	0.736	0.758	5.87
28) T	Bromochloromet...	0.702	0.687	0.646	0.593	0.581	0.549	0.626	9.82
29) T	Tetrahydrofuran	0.372	0.356	0.374	0.365	0.339	0.359	0.361	3.54
30) C	Chloroform	1.455	1.345	1.331	1.205	1.168	1.185	1.282	8.87#
31) T	Cyclohexane		1.356	1.171	1.049	1.008	1.027	1.122	12.97
32) T	1,1,1-Trichlor...	1.208	1.102	1.075	1.007	0.985	1.016	1.066	7.73
33) S	1,2-Dichloroet...		0.891	0.803	0.771	0.760	0.751	0.795	7.19
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.373	0.354	0.344	0.334	0.334	0.348	4.75
36) T	1,1-Dichloropr...	0.594	0.567	0.579	0.538	0.522	0.538	0.556	5.02
37) T	Ethyl Acetate	0.717	0.688	0.681	0.652	0.614	0.645	0.666	5.47
38) T	Carbon Tetrach...	0.513	0.513	0.524	0.490	0.479	0.495	0.502	3.39
39) T	Methylcyclohexane	0.609	0.580	0.606	0.581	0.579	0.607	0.593	2.51
40) TM	Benzene	1.701	1.726	1.744	1.606	1.538	1.575	1.648	5.24
41) T	Methacrylonitrile	0.315	0.343	0.355	0.352	0.333	0.348	0.341	4.38
42) TM	1,2-Dichloroet...	0.626	0.629	0.609	0.557	0.532	0.538	0.582	7.67
43) T	Isopropyl Acetate	0.885	0.948	0.970	0.945	0.929	0.994	0.945	3.95
44) TM	Trichloroethene	0.392	0.392	0.397	0.368	0.359	0.372	0.380	4.11
45) C	1,2-Dichloropr...	0.492	0.472	0.468	0.423	0.411	0.420	0.448	7.50#
46) T	Dibromomethane	0.316	0.302	0.293	0.276	0.269	0.275	0.289	6.34
47) T	Bromodichlorom...	0.593	0.583	0.582	0.552	0.540	0.558	0.568	3.66
48) T	Methyl methacr...	0.426	0.437	0.467	0.467	0.465	0.497	0.460	5.48
49) T	1,4-Dioxane	0.010	0.012	0.012	0.012	0.012	0.013	0.012	7.05
50) S	Toluene-d8		1.354	1.365	1.321	1.323	1.316	1.336	1.65
51) T	4-Methyl-2-Pen...	0.609	0.673	0.701	0.702	0.682	0.738	0.684	6.29
52) CM	Toluene	0.891	0.993	1.046	0.990	0.957	0.986	0.977	5.22#
53) T	t-1,3-Dichloro...	0.579	0.598	0.634	0.622	0.628	0.667	0.621	4.85
54) T	cis-1,3-Dichlo...	0.623	0.652	0.708	0.672	0.669	0.699	0.670	4.63
55) T	1,1,2-Trichlor...	0.413	0.425	0.428	0.400	0.393	0.403	0.410	3.44
56) T	Ethyl methacry...	0.490	0.545	0.633	0.664	0.684	0.746	0.627	14.96

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57)	T	1,3-Dichloropr...	0.714	0.761	0.762	0.711	0.700	0.721	0.728	3.66
58)	T	2-Chloroethyl ...	0.136	0.174	0.193	0.203	0.219	0.242	0.194	18.94
59)	T	2-Hexanone	0.498	0.526	0.553	0.557	0.543	0.598	0.546	6.16
60)	T	Dibromochlorom...	0.376	0.402	0.417	0.406	0.410	0.437	0.408	4.87
61)	T	1,2-Dibromoethane	0.431	0.434	0.446	0.422	0.418	0.439	0.432	2.40
62)	S	4-Bromofluorob...		0.507	0.515	0.524	0.556	0.574	0.535	5.32
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.375	0.357	0.364	0.335	0.314	0.316	0.344	7.43
65)	PM	Chlorobenzene	1.149	1.085	1.104	1.031	1.004	1.043	1.069	4.98
66)	T	1,1,1,2-Tetrac...	0.386	0.372	0.376	0.367	0.359	0.380	0.373	2.55
67)	C	Ethyl Benzene	1.763	1.860	2.035	1.958	1.918	1.989	1.920	5.09#
68)	T	m/p-Xylenes	0.627	0.676	0.783	0.747	0.728	0.743	0.717	7.86
69)	T	o-Xylene	0.576	0.641	0.730	0.708	0.701	0.726	0.680	8.84
70)	T	Styrene	0.981	1.075	1.267	1.251	1.236	1.297	1.185	10.66
71)	P	Bromoform	0.284	0.305	0.308	0.319	0.329	0.362	0.318	8.30
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.044	3.127	3.607	3.524	3.358	3.429	3.348	6.62
74)	T	N-amyl acetate	1.503	1.273	1.476	1.548	1.552	1.669	1.504	8.70
75)	P	1,1,2,2-Tetrac...	1.608	1.502	1.443	1.412	1.349	1.430	1.458	6.09
76)	T	1,2,3-Trichlor...	1.753	1.663	1.664	1.672	1.592	1.715	1.676	3.23
77)	T	Bromobenzene	0.936	0.824	0.856	0.817	0.797	0.820	0.842	5.95
78)	T	n-propylbenzene	4.381	4.037	4.619	4.450	4.279	4.379	4.358	4.43
79)	T	2-Chlorotoluene	2.519	2.562	2.733	2.611	2.504	2.560	2.582	3.22
80)	T	1,3,5-Trimethy...	2.475	2.748	3.288	3.180	3.055	3.126	2.979	10.29
81)	T	trans-1,4-Dich...		0.399	0.448	0.469	0.473	0.523	0.462	9.71
82)	T	4-Chlorotoluene	2.889	2.943	3.292	3.116	2.981	3.072	3.049	4.76
83)	T	tert-Butylbenzene	2.560	2.548	2.909	2.922	2.858	2.970	2.795	6.78
84)	T	1,2,4-Trimethy...	2.383	2.689	3.328	3.236	3.118	3.203	2.993	12.47
85)	T	sec-Butylbenzene	3.277	3.376	3.929	3.828	3.747	3.865	3.670	7.48
86)	T	p-Isopropyltol...	2.497	2.863	3.418	3.386	3.297	3.403	3.144	12.08
87)	T	1,3-Dichlorobe...	1.734	1.633	1.698	1.621	1.578	1.649	1.652	3.38
88)	T	1,4-Dichlorobe...	2.109	1.786	1.733	1.659	1.597	1.668	1.759	10.44
89)	T	n-Butylbenzene	3.178	2.791	3.234	3.258	3.263	3.436	3.194	6.74
90)	T	Hexachloroethane	0.464	0.485	0.496	0.495	0.502	0.543	0.498	5.23
91)	T	1,2-Dichlorobe...	1.903	1.615	1.689	1.601	1.555	1.606	1.661	7.58
92)	T	1,2-Dibromo-3-...	0.363	0.297	0.325	0.323	0.317	0.352	0.330	7.38
93)	T	1,2,4-Trichlor...	1.174	0.876	1.029	1.025	1.053	1.117	1.046	9.67
94)	T	Hexachlorobuta...	0.560	0.563	0.578	0.552	0.547	0.566	0.561	1.92
95)	T	Naphthalene	3.802	2.421	3.095	3.333	3.421	3.765	3.306	15.41
96)	T	1,2,3-Trichlor...	1.102	0.876	1.016	0.995	1.017	1.077	1.014	7.77

(#) = Out of Range