

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X082522W.M
 Title : SW846 8260
 Last Update : Fri Aug 26 02:03:28 2022
 Response Via : Initial Calibration

Calibration Files

1 =VX030762.D 5 =VX030763.D 20 =VX030765.D 50 =VX030766.D 100 =VX030767.D 10 =VX030764.D

	Compound	1	5	20	50	100	10	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.515	0.466	0.444	0.441	0.443	0.471	0.463	6.12
3) P	Chloromethane	0.542	0.484	0.390	0.373	0.374	0.427	0.432	15.83
4) C	Vinyl Chloride	0.667	0.547	0.455	0.447	0.451	0.479	0.508	17.02#
5) T	Bromomethane		0.283	0.222	0.202	0.209	0.248	0.233	14.15
6) T	Chloroethane	0.446	0.343	0.272	0.262	0.261	0.293	0.313	23.04
7) T	Trichlorofluor...	0.889	0.837	0.722	0.690	0.702	0.753	0.765	10.47
8) T	Diethyl Ether	0.310	0.317	0.274	0.263	0.276	0.297	0.290	7.50
9) T	1,1,2-Trichlor...	0.566	0.518	0.470	0.447	0.446	0.474	0.487	9.61
10) T	Methyl Iodide		0.254	0.329	0.381	0.432	0.291	0.337	20.95
11) T	Tert butyl alc...		0.125	0.134	0.112	0.112	0.155	0.128	14.03
12) CM	1,1-Dichloroet...	0.552	0.502	0.410	0.404	0.419	0.433	0.453	13.19#
13) T	Acrolein		0.029	0.111	0.107	0.116	0.123	0.097	39.98
14) T	Allyl chloride	0.965	0.903	0.787	0.764	0.784	0.830	0.839	9.46
15) T	Acrylonitrile	0.329	0.323	0.307	0.296	0.296	0.327	0.313	4.86
16) T	Acetone	0.335	0.272	0.253	0.254	0.236	0.280	0.272	12.83
17) T	Carbon Disulfide	1.462	1.303	0.880	0.867	0.892	0.908	1.052	24.87
18) T	Methyl Acetate	0.912	0.861	0.816	0.777	0.786	0.860	0.835	6.19
19) T	Methyl tert-bu...	1.635	1.631	1.514	1.505	1.555	1.577	1.569	3.57
20) T	Methylene Chlo...	0.713	0.592	0.517	0.491	0.496	0.548	0.559	15.02
21) T	trans-1,2-Dich...	0.585	0.546	0.449	0.436	0.449	0.455	0.487	12.87
22) T	Diisopropyl ether	1.819	1.730	1.641	1.591	1.627	1.699	1.685	4.92
23) T	Vinyl Acetate	1.417	1.395	1.307	1.302	1.339	1.346	1.351	3.43
24) P	1,1-Dichloroet...	1.081	1.020	0.897	0.874	0.895	0.961	0.955	8.56
25) T	2-Butanone	0.503	0.442	0.418	0.412	0.402	0.450	0.438	8.40
26) T	2,2-Dichloropr...	0.768	0.694	0.651	0.668	0.684	0.685	0.692	5.82
27) T	cis-1,2-Dichlo...	0.704	0.645	0.562	0.547	0.563	0.588	0.601	10.12
28) T	Bromochloromet...	0.428	0.408	0.439	0.383	0.366	0.441	0.411	7.55
29) T	Tetrahydrofuran	0.320	0.297	0.274	0.267	0.265	0.292	0.286	7.52
30) C	Chloroform	1.194	1.035	0.955	0.906	0.932	1.007	1.005	10.35#
31) T	Cyclohexane		0.900	0.712	0.709	0.708	0.731	0.752	11.04
32) T	1,1,1-Trichlor...	0.856	0.865	0.770	0.772	0.797	0.816	0.813	5.03
33) S	1,2-Dichloroet...		0.730	0.555	0.523	0.538	0.595	0.588	14.19
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.362	0.294	0.288	0.289	0.304	0.307	10.13
36) T	1,1-Dichloropr...	0.525	0.451	0.384	0.381	0.379	0.390	0.418	14.10
37) T	Ethyl Acetate	0.603	0.506	0.458	0.461	0.462	0.484	0.496	11.25
38) T	Carbon Tetrach...	0.534	0.470	0.408	0.409	0.411	0.416	0.441	11.64
39) T	Methylcyclohexane	0.546	0.600	0.473	0.466	0.455	0.465	0.501	11.73
40) TM	Benzene	1.414	1.415	1.176	1.160	1.156	1.192	1.252	10.09
41) T	Methacrylonitrile	0.314	0.285	0.259	0.267	0.262	0.275	0.277	7.41
42) TM	1,2-Dichloroet...	0.502	0.486	0.424	0.412	0.410	0.431	0.444	8.91
43) T	Isopropyl Acetate	0.806	0.765	0.710	0.721	0.732	0.745	0.747	4.69
44) TM	Trichloroethene	0.431	0.391	0.341	0.337	0.328	0.342	0.362	11.15
45) C	1,2-Dichloropr...	0.366	0.369	0.347	0.329	0.321	0.346	0.346	5.51#
46) T	Dibromomethane	0.290	0.262	0.234	0.229	0.221	0.241	0.246	10.47
47) T	Bromodichlorom...	0.495	0.487	0.444	0.450	0.446	0.458	0.463	4.75
48) T	Methyl methacr...	0.399	0.372	0.365	0.362	0.359	0.375	0.372	3.93
49) T	1,4-Dioxane	0.009	0.010	0.010	0.009	0.008	0.010	0.009	8.57
50) S	Toluene-d8		1.324	1.008	1.004	0.991	1.027	1.071	13.28
51) T	4-Methyl-2-Pen...	0.528	0.526	0.496	0.488	0.471	0.513	0.504	4.50
52) CM	Toluene	0.810	0.888	0.743	0.742	0.731	0.775	0.781	7.63#
53) T	t-1,3-Dichloro...	0.468	0.443	0.424	0.450	0.467	0.434	0.448	3.95
54) T	cis-1,3-Dichlo...	0.517	0.527	0.485	0.501	0.510	0.484	0.504	3.44
55) T	1,1,2-Trichlor...	0.376	0.363	0.339	0.335	0.330	0.340	0.347	5.25
56) T	Ethyl methacry...	0.490	0.492	0.494	0.507	0.515	0.490	0.498	2.09

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57)	T	1,3-Dichloropr...	0.614	0.602	0.539	0.532	0.525	0.546	0.560	6.83
58)	T	2-Chloroethyl ...	0.247	0.255	0.264	0.274	0.271	0.287	0.266	5.45
59)	T	2-Hexanone	0.374	0.403	0.372	0.374	0.354	0.390	0.378	4.51
60)	T	Dibromochlorom...	0.393	0.367	0.350	0.356	0.357	0.351	0.362	4.44
61)	T	1,2-Dibromoethane	0.364	0.380	0.342	0.342	0.339	0.345	0.352	4.70
62)	S	4-Bromofluorob...	0.450	0.383	0.386	0.383	0.391	0.399		7.29
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.481	0.420	0.373	0.371	0.355	0.363	0.394	12.26
65)	PM	Chlorobenzene	1.120	1.039	0.922	0.903	0.892	0.927	0.967	9.45
66)	T	1,1,1,2-Tetrac...	0.378	0.381	0.352	0.355	0.352	0.360	0.363	3.70
67)	C	Ethyl Benzene	1.792	1.785	1.607	1.612	1.597	1.633	1.671	5.48#
68)	T	m/p-Xylenes	0.678	0.693	0.621	0.620	0.610	0.620	0.640	5.53
69)	T	o-Xylene	0.677	0.668	0.618	0.617	0.612	0.609	0.634	4.83
70)	T	Styrene	1.040	1.106	1.028	1.062	1.038	1.035	1.051	2.78
71)	P	Bromoform	0.333	0.292	0.288	0.295	0.299	0.293	0.300	5.59
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.791	3.520	3.213	3.147	3.215	3.220	3.351	7.53
74)	T	N-amyl acetate	1.381	1.227	1.290	1.297	1.374	1.263	1.305	4.69
75)	P	1,1,2,2-Tetrac...	1.329	1.172	1.117	1.045	1.066	1.149	1.146	8.87
76)	T	1,2,3-Trichlor...	1.212	1.079	1.066	1.139	1.004	1.072	1.095	6.50
77)	T	Bromobenzene	1.016	0.833	0.778	0.749	0.789	0.787	0.826	11.79
78)	T	n-propylbenzene	4.337	3.886	3.727	3.679	3.776	3.718	3.854	6.42
79)	T	2-Chlorotoluene	2.756	2.404	2.337	2.158	2.252	2.257	2.361	8.94
80)	T	1,3,5-Trimethy...	2.979	2.872	2.733	2.649	2.720	2.873	2.804	4.40
81)	T	trans-1,4-Dich...	0.335	0.331	0.338	0.366	0.327	0.340		4.54
82)	T	4-Chlorotoluene	2.933	2.757	2.562	2.497	2.578	2.550	2.646	6.27
83)	T	tert-Butylbenzene	2.821	2.794	2.661	2.630	2.676	2.613	2.699	3.24
84)	T	1,2,4-Trimethy...	2.709	2.781	2.726	2.662	2.731	2.687	2.716	1.50
85)	T	sec-Butylbenzene	3.488	3.571	3.577	3.471	3.512	3.484	3.517	1.31
86)	T	p-Isopropyltol...	2.898	2.955	2.993	2.848	2.915	2.746	2.892	3.01
87)	T	1,3-Dichlorobe...	1.677	1.617	1.482	1.563	1.501	1.505	1.557	4.92
88)	T	1,4-Dichlorobe...	1.808	1.671	1.542	1.540	1.496	1.532	1.598	7.45
89)	T	n-Butylbenzene	2.625	2.686	2.734	2.775	2.697	2.548	2.678	3.02
90)	T	Hexachloroethane	0.608	0.563	0.564	0.546	0.536	0.548	0.561	4.57
91)	T	1,2-Dichlorobe...	1.824	1.755	1.640	1.561	1.476	1.581	1.639	7.89
92)	T	1,2-Dibromo-3-...	0.320	0.300	0.299	0.286	0.270	0.295	0.295	5.63
93)	T	1,2,4-Trichlor...	1.114	1.009	1.030	1.045	0.995	0.957	1.025	5.20
94)	T	Hexachlorobuta...	0.455	0.408	0.443	0.425	0.400	0.430	0.427	4.85
95)	T	Naphthalene	3.215	3.419	3.675	3.815	3.626	3.662	3.569	6.03
96)	T	1,2,3-Trichlor...	1.093	1.084	1.110	1.123	1.023	1.070	1.084	3.22

(#) = Out of Range