

Method Path : Z:\voasrv\HPCHEM1\MSVOA_U\Method\
 Method File : 82U033022W.M
 Title : SW846 8260
 Last Update : Thu Mar 31 11:49:29 2022
 Response Via : Initial Calibration

Calibration Files

1 =VU047758.D 5 =VU047759.D 20 =VU047760.D 50 =VU047761.D 100 =VU047762.D 150 =VU047763.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.473	0.441	0.420	0.451	0.413	0.409	0.434	5.78
3) P	Chloromethane	0.627	0.589	0.483	0.512	0.463	0.447	0.520	13.91
4) C	Vinyl Chloride	0.539	0.514	0.433	0.497	0.454	0.451	0.481	8.63#
5) T	Bromomethane		0.409	0.296	0.338	0.310	0.318	0.334	13.37
6) T	Chloroethane	0.384	0.341	0.267	0.316	0.291	0.284	0.314	13.70
7) T	Trichlorofluor...	0.823	0.815	0.627	0.723	0.674	0.674	0.723	11.16
8) T	Diethyl Ether	0.338	0.326	0.253	0.299	0.276	0.281	0.296	10.85
9) T	1,1,2-Trichlor...	0.498	0.475	0.403	0.463	0.416	0.414	0.445	8.79
10) T	Methyl Iodide		0.187	0.246	0.346	0.375	0.421	0.315	30.52
11) T	Tert butyl alc...		0.156	0.142	0.166	0.141	0.139	0.149	7.77
12) CM	1,1-Dichloroet...	0.488	0.482	0.366	0.433	0.392	0.389	0.425	12.05#
13) T	Acrolein		0.043	0.161	0.006	0.002	0.001	0.043	159.97
14) T	Allyl chloride	0.669	0.641	0.543	0.622	0.593	0.588	0.610	7.30
15) T	Acrylonitrile	0.357	0.363	0.320	0.387	0.345	0.346	0.353	6.27
16) T	Acetone	0.453	0.357	0.363	0.425	0.371	0.365	0.389	10.26
17) T	Carbon Disulfide	1.451	1.374	0.918	1.065	0.973	0.973	1.126	20.29
18) T	Methyl Acetate	0.815	0.759	0.617	0.757	0.684	0.643	0.712	10.76
19) T	Methyl tert-bu...	1.387	1.366	1.256	1.506	1.401	1.402	1.387	5.78
20) T	Methylene Chlo...	0.709	0.540	0.450	0.511	0.468	0.466	0.524	18.42
21) T	trans-1,2-Dich...	0.458	0.500	0.408	0.464	0.431	0.429	0.448	7.27
22) T	Diisopropyl ether	1.252	1.288	1.184	1.357	1.274	1.266	1.270	4.39
23) T	Vinyl Acetate	1.013	1.100	1.042	1.227	1.189	1.194	1.128	7.87
24) P	1,1-Dichloroet...	0.908	0.903	0.744	0.816	0.785	0.781	0.823	8.25
25) T	2-Butanone	0.494	0.451	0.471	0.461	0.469	0.449	0.466	3.51
26) T	2,2-Dichloropr...	0.774	0.751	0.681	0.733	0.705	0.713	0.726	4.63
27) T	cis-1,2-Dichlo...	0.573	0.556	0.500	0.543	0.522	0.521	0.536	4.95
28) T	Bromochloromet...	0.319	0.286	0.362	0.352	0.336	0.319	0.329	8.24
29) T	Tetrahydrofuran	0.304	0.305	0.288	0.297	0.285	0.286	0.294	3.09
30) C	Chloroform	0.978	0.916	0.849	0.865	0.837	0.830	0.879	6.50#
31) T	Cyclohexane		0.896	0.662	0.651	0.628	0.631	0.693	16.42
32) T	1,1,1-Trichlor...	0.807	0.796	0.724	0.737	0.720	0.720	0.751	5.34
33) S	1,2-Dichloroet...		0.603	0.581	0.566	0.557	0.542	0.570	4.12
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.347	0.357	0.335	0.336	0.325	0.340	3.62
36) T	1,1-Dichloropr...	0.445	0.456	0.434	0.416	0.413	0.409	0.429	4.46
37) T	Ethyl Acetate	0.680	0.619	0.610	0.693	0.607	0.639	0.641	5.75
38) T	Carbon Tetrach...	0.496	0.490	0.461	0.452	0.436	0.435	0.461	5.64
39) T	Methylcyclohexane	0.557	0.523	0.453	0.530	0.471	0.494	0.505	7.70
40) TM	Benzene	1.436	1.406	1.275	1.250	1.221	1.197	1.297	7.69
41) T	Methacrylonitrile	0.233	0.268	0.280	0.272	0.272	0.271	0.266	6.29
42) TM	1,2-Dichloroet...	0.509	0.503	0.463	0.455	0.431	0.425	0.464	7.59
43) T	Isopropyl Acetate	0.818	0.723	0.713	0.781	0.770	0.788	0.765	5.27
44) TM	Trichloroethene	0.411	0.392	0.346	0.390	0.342	0.348	0.371	7.93
45) C	1,2-Dichloropr...	0.327	0.363	0.313	0.356	0.309	0.321	0.332	6.83#
46) T	Dibromomethane	0.269	0.270	0.245	0.273	0.237	0.231	0.254	7.37
47) T	Bromodichlorom...	0.507	0.499	0.477	0.512	0.440	0.434	0.478	7.14
48) T	Methyl methacr...	0.311	0.331	0.328	0.378	0.345	0.347	0.340	6.62
49) T	1,4-Dioxane	0.009	0.011	0.011	0.011	0.010	0.009	0.010	10.98
50) S	Toluene-d8		1.254	1.352	1.377	1.231	1.154	1.274	7.17
51) T	4-Methyl-2-Pen...	0.517	0.542	0.574	0.637	0.554	0.542	0.561	7.41
52) CM	Toluene	0.784	0.850	0.841	0.879	0.774	0.735	0.811	6.75#
53) T	t-1,3-Dichloro...	0.486	0.502	0.526	0.579	0.543	0.525	0.527	6.16
54) T	cis-1,3-Dichlo...	0.499	0.523	0.552	0.602	0.520	0.536	0.539	6.61
55) T	1,1,2-Trichlor...	0.392	0.361	0.364	0.387	0.355	0.338	0.366	5.50
56) T	Ethyl methacry...	0.387	0.468	0.509	0.593	0.570	0.556	0.514	14.92

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57)	T	1,3-Dichloropr...	0.571	0.599	0.596	0.627	0.578	0.552	0.587	4.45
58)	T	2-Chloroethyl ...	0.010	0.018	0.041	0.048	0.050	0.054	0.037	49.46
59)	T	2-Hexanone	0.418	0.445	0.476	0.532	0.482	0.465	0.470	8.12
60)	T	Dibromochlorom...	0.405	0.411	0.404	0.443	0.414	0.425	0.417	3.52
61)	T	1,2-Dibromoethane	0.398	0.421	0.392	0.433	0.398	0.402	0.407	3.91
62)	S	4-Bromofluorob...	0.423	0.484	0.517	0.502	0.499	0.485		7.53
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.367	0.365	0.328	0.321	0.310	0.286	0.329	9.69
65)	PM	Chlorobenzene	1.025	1.023	0.949	0.982	0.949	0.948	0.979	3.78
66)	T	1,1,1,2-Tetrac...	0.384	0.362	0.340	0.358	0.361	0.363	0.362	3.91
67)	C	Ethyl Benzene	1.530	1.589	1.503	1.598	1.610	1.590	1.570	2.73#
68)	T	m/p-Xylenes	0.571	0.621	0.602	0.663	0.647	0.640	0.624	5.35
69)	T	o-Xylene	0.529	0.598	0.587	0.646	0.637	0.641	0.606	7.41
70)	T	Styrene	0.827	0.929	0.981	1.098	1.091	1.102	1.005	11.23
71)	P	Bromoform	0.351	0.357	0.358	0.382	0.385	0.391	0.371	4.71
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	2.581	2.584	2.726	3.007	2.780	2.846	2.754	5.92
74)	T	N-amyl acetate	0.967	0.973	1.067	1.247	1.166	1.186	1.101	10.61
75)	P	1,1,2,2-Tetrac...	1.284	1.201	1.145	1.231	1.152	1.151	1.194	4.67
76)	T	1,2,3-Trichlor...	1.376	1.312	1.320	1.414	1.340	1.358	1.353	2.81
77)	T	Bromobenzene	0.856	0.816	0.785	0.821	0.785	0.795	0.809	3.38
78)	T	n-propylbenzene	2.898	3.074	3.259	3.521	3.367	3.408	3.254	7.09
79)	T	2-Chlorotoluene	1.931	1.978	1.993	2.077	1.982	1.991	1.992	2.38
80)	T	1,3,5-Trimethy...	2.023	2.194	2.339	2.529	2.402	2.474	2.327	8.12
81)	T	trans-1,4-Dich...	0.332	0.349	0.419	0.407	0.421	0.385		10.91
82)	T	4-Chlorotoluene	2.057	2.280	2.330	2.473	2.331	2.364	2.306	5.99
83)	T	tert-Butylbenzene	2.109	2.189	2.308	2.422	2.475	2.564	2.344	7.44
84)	T	1,2,4-Trimethy...	1.949	2.187	2.328	2.401	2.396	2.436	2.283	8.15
85)	T	sec-Butylbenzene	2.391	2.655	2.886	3.049	3.092	3.179	2.875	10.47
86)	T	p-Isopropyltol...	1.999	2.231	2.469	2.644	2.655	2.725	2.454	11.62
87)	T	1,3-Dichlorobe...	1.611	1.590	1.524	1.564	1.525	1.545	1.560	2.27
88)	T	1,4-Dichlorobe...	1.842	1.637	1.557	1.581	1.550	1.554	1.620	6.99
89)	T	n-Butylbenzene	2.064	2.082	2.274	2.432	2.420	2.510	2.297	8.26
90)	T	Hexachloroethane	0.478	0.482	0.476	0.500	0.477	0.528	0.490	4.26
91)	T	1,2-Dichlorobe...	1.626	1.506	1.513	1.538	1.495	1.515	1.532	3.15
92)	T	1,2-Dibromo-3-...	0.271	0.271	0.284	0.303	0.283	0.301	0.285	4.90
93)	T	1,2,4-Trichlor...	1.018	0.952	1.022	1.160	1.130	1.141	1.070	7.88
94)	T	Hexachlorobuta...	0.577	0.522	0.489	0.577	0.541	0.552	0.543	6.25
95)	T	Naphthalene	2.334	2.487	3.063	3.730	3.452	3.510	3.096	18.57
96)	T	1,2,3-Trichlor...	1.010	0.946	1.008	1.173	1.088	1.105	1.055	7.78

(#) = Out of Range