

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y052022S.M
 Title : SW846 8260
 Last Update : Fri May 20 23:50:52 2022
 Response Via : Initial Calibration

Calibration Files

5 =VY008912.D 10 =VY008913.D 20 =VY008914.D 50 =VY008915.D 100 =VY008916.D 150 =VY008917.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.483	0.489	0.464	0.481	0.423	0.404	0.457	7.70
3) P	Chloromethane	0.782	0.759	0.681	0.689	0.541	0.479	0.655	18.42
4) C	Vinyl Chloride	1.082	1.150	1.034	1.012	0.821	0.724	0.971	16.83#
5) T	Bromomethane	1.026	1.049	1.194	0.823	0.800	0.817	0.951	17.04
6) T	Chloroethane	0.752	0.779	0.766	0.683	0.603	0.543	0.688	14.04
7) T	Trichlorofluor...	0.863	0.928	0.898	0.839	0.728	0.690	0.824	11.52
8) T	Diethyl Ether	0.273	0.266	0.277	0.256	0.244	0.231	0.258	6.89
9) T	1,1,2-Trichlor...	0.556	0.539	0.518	0.524	0.462	0.441	0.507	8.90
10) T	Methyl Iodide	0.375	0.463	0.520	0.615	0.588	0.578	0.523	17.34
11) T	Tert butyl alc...	0.060	0.050	0.058	0.051	0.048	0.047	0.052	10.35
12) CM	1,1-Dichloroet...	0.484	0.517	0.492	0.479	0.434	0.417	0.470	8.02#
13) T	Acrolein	0.025	0.025	0.027	0.009	0.009	0.008	0.017	53.47
14) T	Allyl chloride	0.714	0.751	0.694	0.738	0.690	0.665	0.709	4.50
15) T	Acrylonitrile	0.148	0.139	0.151	0.145	0.143	0.141	0.144	3.14
16) T	Acetone	0.133	0.107	0.116	0.105	0.092	0.089	0.107	15.29
17) T	Carbon Disulfide	1.546	1.671	1.572	1.600	1.442	1.387	1.536	6.80
18) T	Methyl Acetate	0.373	0.316	0.353	0.338	0.315	0.307	0.334	7.76
19) T	Methyl tert-bu...	1.382	1.362	1.444	1.445	1.424	1.413	1.412	2.39
20) T	Methylene Chlo...	1.298	0.980	0.749	0.619	0.552	0.531	0.788	38.01
21) T	trans-1,2-Dich...	0.597	0.623	0.604	0.602	0.598	0.598	0.604	1.66
22) T	Diisopropyl ether	1.608	1.698	1.683	1.754	1.805	1.668	1.703	4.05
23) T	Vinyl Acetate	1.039	1.059	1.139	1.200	1.202	1.120	1.126	6.11
24) P	1,1-Dichloroet...	1.030	1.077	1.027	1.037	0.989	0.951	1.018	4.24
25) T	2-Butanone	0.204	0.177	0.198	0.198	0.190	0.180	0.191	5.77
26) T	2,2-Dichloropr...	0.987	0.959	0.962	0.949	0.906	0.864	0.938	4.77
27) T	cis-1,2-Dichlo...	0.654	0.698	0.691	0.703	0.677	0.659	0.680	3.05
28) T	Bromochloromet...	0.362	0.360	0.376	0.342	0.335	0.323	0.350	5.67
29) T	Tetrahydrofuran	0.133	0.118	0.132	0.136	0.134	0.127	0.130	5.08
30) C	Chloroform	1.125	1.142	1.104	1.118	1.081	1.026	1.099	3.75#
31) T	Cyclohexane	1.124	1.105	0.993	1.008	0.935	0.877	1.007	9.48
32) T	1,1,1-Trichlor...	0.975	1.030	1.010	1.037	0.992	0.940	0.997	3.66
33) S	1,2-Dichloroet...	0.596	0.566	0.604	0.402	0.406		0.515	19.82
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.323	0.342	0.344	0.262	0.284		0.311	11.69
36) T	1,1-Dichloropr...	0.546	0.541	0.517	0.548	0.532	0.490	0.529	4.17
37) T	Ethyl Acetate	0.304	0.255	0.271	0.280	0.273	0.263	0.274	6.10
38) T	Carbon Tetrach...	0.528	0.572	0.547	0.573	0.568	0.533	0.554	3.65
39) T	Methylcyclohexane	0.620	0.674	0.665	0.733	0.728	0.679	0.683	6.21
40) TM	Benzene	1.479	1.533	1.510	1.593	1.571	1.469	1.526	3.25
41) T	Methacrylonitrile	0.130	0.126	0.141	0.152	0.155	0.146	0.142	8.27
42) TM	1,2-Dichloroet...	0.460	0.468	0.446	0.464	0.444	0.406	0.448	5.05
43) T	Isopropyl Acetate	0.500	0.486	0.511	0.541	0.530	0.493	0.510	4.23
44) TM	Trichloroethene	0.400	0.406	0.400	0.418	0.414	0.386	0.404	2.87
45) C	1,2-Dichloropr...	0.361	0.376	0.362	0.389	0.371	0.340	0.366	4.52#
46) T	Dibromomethane	0.229	0.217	0.234	0.244	0.242	0.232	0.233	4.23
47) T	Bromodichlorom...	0.526	0.527	0.536	0.555	0.547	0.504	0.532	3.33
48) T	Methyl methacr...	0.203	0.210	0.229	0.251	0.247	0.228	0.228	8.35
49) T	1,4-Dioxane	0.003	0.003	0.003	0.003	0.003	0.003	0.003	5.99
50) S	Toluene-d8	1.232	1.260	1.354	0.888	1.002		1.147	16.95
51) T	4-Methyl-2-Pen...	0.269	0.248	0.286	0.309	0.306	0.277	0.282	8.11
52) CM	Toluene	0.944	0.993	1.000	1.163	1.197	1.100	1.066	9.58#
53) T	t-1,3-Dichloro...	0.502	0.533	0.544	0.615	0.622	0.575	0.565	8.41
54) T	cis-1,3-Dichlo...	0.576	0.593	0.590	0.639	0.647	0.602	0.608	4.71
55) T	1,1,2-Trichlor...	0.302	0.307	0.318	0.348	0.352	0.329	0.326	6.41
56) T	Ethyl methacry...	0.341	0.348	0.386	0.464	0.497	0.464	0.417	16.09

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57)	T	1,3-Dichloropr...	0.513	0.508	0.526	0.569	0.557	0.517	0.532	4.75
58)	T	2-Chloroethyl ...	0.164	0.158	0.181	0.195	0.193	0.190	0.180	8.73
59)	T	2-Hexanone	0.171	0.166	0.197	0.218	0.214	0.194	0.193	10.99
60)	T	Dibromochlorom...	0.353	0.344	0.383	0.426	0.448	0.417	0.395	10.58
61)	T	1,2-Dibromoethane	0.297	0.285	0.323	0.348	0.356	0.329	0.323	8.67
62)	S	4-Bromofluorob...	0.402	0.410	0.463	0.492	0.546		0.463	12.94
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.360	0.386	0.352	0.373	0.361	0.351	0.364	3.67
65)	PM	Chlorobenzene	1.104	1.151	1.124	1.189	1.180	1.137	1.148	2.85
66)	T	1,1,1,2-Tetrac...	0.384	0.399	0.409	0.446	0.454	0.429	0.420	6.53
67)	C	Ethyl Benzene	1.876	1.990	1.994	2.248	2.217	2.084	2.068	6.95#
68)	T	m/p-Xylenes	0.696	0.802	0.811	0.952	0.915	0.862	0.840	10.85
69)	T	o-Xylene	0.681	0.722	0.756	0.877	0.822	0.821	0.780	9.36
70)	T	Styrene	1.072	1.195	1.259	1.571	1.531	1.417	1.341	14.71
71)	P	Bromoform	0.233	0.232	0.258	0.308	0.322	0.319	0.279	15.34
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.580	3.821	3.613	3.750	3.906	3.762	3.739	3.30
74)	T	N-amyl acetate	0.916	0.874	0.888	0.879	0.859	0.760	0.863	6.25
75)	P	1,1,2,2-Tetrac...	0.881	0.786	0.762	0.741	0.743	0.707	0.770	7.83
76)	T	1,2,3-Trichlor...	0.497	0.580	0.548	0.553	0.535	0.509	0.537	5.63
77)	T	Bromobenzene	0.894	0.888	0.830	0.844	0.876	0.868	0.867	2.92
78)	T	n-propylbenzene	4.517	4.894	4.527	2.943	4.665	4.370	4.320	16.14
79)	T	2-Chlorotoluene	2.431	2.637	2.403	2.555	2.518	2.407	2.492	3.79
80)	T	1,3,5-Trimethy...	2.900	3.237	3.010	3.315	3.265	3.076	3.134	5.23
81)	T	trans-1,4-Dich...	0.266	0.262	0.255	0.259	0.272	0.256	0.262	2.48
82)	T	4-Chlorotoluene	2.591	2.714	2.612	2.855	2.705	2.514	2.665	4.48
83)	T	tert-Butylbenzene	2.607	2.773	2.716	2.909	2.901	2.776	2.780	4.10
84)	T	1,2,4-Trimethy...	2.856	3.108	3.078	3.337	3.229	3.058	3.111	5.26
85)	T	sec-Butylbenzene	4.048	4.361	4.171	4.551	4.347	4.043	4.254	4.72
86)	T	p-Isopropyltol...	3.109	3.579	3.497	3.845	3.740	3.514	3.547	7.15
87)	T	1,3-Dichlorobe...	1.799	1.839	1.802	1.931	1.898	1.823	1.849	2.93
88)	T	1,4-Dichlorobe...	1.911	1.901	1.802	1.928	1.856	1.747	1.857	3.81
89)	T	n-Butylbenzene	3.082	3.387	3.324	3.431	3.190	3.057	3.245	4.89
90)	T	Hexachloroethane	0.668	0.699	0.658	0.678	0.655	0.631	0.665	3.41
91)	T	1,2-Dichlorobe...	1.617	1.594	1.592	1.674	1.677	1.638	1.632	2.31
92)	T	1,2-Dibromo-3-...	0.131	0.123	0.118	0.119	0.114	0.112	0.120	5.96
93)	T	1,2,4-Trichlor...	0.894	0.901	0.854	0.873	0.909	0.943	0.896	3.39
94)	T	Hexachlorobuta...	0.508	0.539	0.476	0.470	0.466	0.471	0.488	5.98
95)	T	Naphthalene	1.696	1.604	1.707	1.808	1.957	2.023	1.799	9.03
96)	T	1,2,3-Trichlor...	0.824	0.742	0.754	0.752	0.788	0.810	0.778	4.36

(#) = Out of Range