

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y111724S.M
 Title : SW846 8260
 Last Update : Mon Nov 18 03:39:00 2024
 Response Via : Initial Calibration

Calibration Files

5 =VY020317.D 10 =VY020318.D 20 =VY020319.D 50 =VY020320.D 100 =VY020321.D 150 =VY020322.

D

Compound		5	10	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.396	0.332	0.312	0.390	0.435	0.403	0.378	12.30
3) P	Chloromethane	0.713	0.583	0.583	0.709	0.723	0.595	0.651	10.79
4) C	Vinyl Chloride	0.794	0.659	0.657	0.770	0.810	0.621	0.719	11.41#
5) T	Bromomethane	0.516	0.439	0.391	0.452	0.452	0.362	0.435	12.31
6) T	Chloroethane	0.507	0.429	0.424	0.476	0.490	0.381	0.451	10.59
7) T	Trichlorofluor...	1.003	0.989	0.972	0.999	1.062	0.887	0.985	5.77
8) T	Diethyl Ether	0.235	0.197	0.230	0.261	0.265	0.260	0.241	10.75
9) T	1,1,2-Trichlor...	0.510	0.418	0.430	0.485	0.524	0.518	0.481	9.65
10) T	Methyl Iodide	0.454	0.408	0.437	0.515	0.568	0.557	0.490	13.57
11) T	Tert butyl alc...	0.026	0.024	0.030	0.039	0.032	0.029	0.030	18.38
12) CM	1,1-Dichloroet...	0.490	0.415	0.423	0.471	0.508	0.514	0.470	9.04#
13) T	Acrolein	0.053	0.044	0.046	0.051	0.047	0.052	0.049	7.28
14) T	Allyl chloride	0.774	0.706	0.759	0.846	0.913	0.949	0.825	11.46
15) T	Acrylonitrile	0.095	0.091	0.104	0.124	0.126	0.112	0.109	13.22
16) T	Acetone	0.117	0.102	0.112	0.162	0.139	0.135	0.128	17.19
17) T	Carbon Disulfide	1.472	1.260	1.308	1.532	1.676	1.646	1.482	11.56
18) T	Methyl Acetate	0.246	0.213	0.254	0.298	0.283	0.272	0.261	11.57
19) T	Methyl tert-bu...	1.133	0.994	1.177	1.331	1.354	1.248	1.206	11.14
20) T	Methylene Chlo...	0.550	0.503	0.505	0.523	0.548	0.514	0.524	3.96
21) T	trans-1,2-Dich...	0.518	0.468	0.500	0.540	0.597	0.559	0.530	8.54
22) T	Diisopropyl ether	1.970	1.524	1.651	2.227	2.066	1.868	1.884	13.88
23) T	Vinyl Acetate	1.017	0.816	0.952	1.430	1.145	1.059	1.070	19.45
24) P	1,1-Dichloroet...	1.202	0.899	1.042	1.339	1.134	1.066	1.114	13.45
25) T	2-Butanone	0.154	0.165	0.210	0.215	0.188	0.170	0.184	13.75
26) T	2,2-Dichloropr...	0.917	0.859	1.002	0.929	0.976	0.913	0.932	5.43
27) T	cis-1,2-Dichlo...	0.635	0.618	0.716	0.673	0.693	0.638	0.662	5.73
28) T	Bromochloromet...	0.515	0.594	0.443	0.606	0.468	0.475	0.517	13.28
29) T	Tetrahydrofuran	0.098	0.113	0.100	0.159	0.105	0.096	0.112	21.45
30) C	Chloroform	1.126	1.254	1.242	1.350	1.335	1.046	1.225	9.71#
31) T	Cyclohexane	1.408	1.166	1.091	1.043	1.038	0.954	1.117	14.22
32) T	1,1,1-Trichlor...	1.208	1.074	1.080	1.158	1.090	0.952	1.094	7.95
33) S	1,2-Dichloroet...	0.538	0.496	0.472	0.586	0.651	0.557	0.550	11.69
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.416	0.418	0.360	0.290	0.303	0.308	0.349	16.49
36) T	1,1-Dichloropr...	0.517	0.627	0.540	0.409	0.606	0.463	0.527	15.80
37) T	Ethyl Acetate	0.228	0.305	0.268	0.255	0.224	0.200	0.247	15.04
38) T	Carbon Tetrach...	0.603	0.657	0.581	0.437	0.640	0.487	0.568	15.43
39) T	Methylcyclohexane	0.894	0.715	0.638	0.599	0.657	0.606	0.685	16.18
40) TM	Benzene	1.537	1.555	1.444	1.278	1.701	1.334	1.475	10.55
41) T	Methacrylonitrile	0.143	0.192	0.138	0.136	0.118	0.117	0.141	19.33
42) TM	1,2-Dichloroet...	0.392	0.416	0.410	0.355	0.438	0.363	0.396	8.08
43) T	Isopropyl Acetate	0.414	0.442	0.471	0.413	0.463	0.410	0.435	6.22
44) TM	Trichloroethene	0.477	0.346	0.358	0.291	0.394	0.323	0.365	17.81
45) C	1,2-Dichloropr...	0.481	0.383	0.351	0.297	0.338	0.319	0.361	18.07#
46) T	Dibromomethane	0.250	0.178	0.194	0.164	0.205	0.164	0.193	16.83
47) T	Bromodichlorom...	0.663	0.511	0.597	0.428	0.588	0.454	0.540	16.86
48) T	Methyl methacr...	0.273	0.193	0.218	0.200	0.228	0.199	0.218	13.73
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	9.40
50) S	Toluene-d8	1.394	1.241	1.489	0.992	1.209	1.231	1.259	13.57
51) T	4-Methyl-2-Pen...	0.263	0.221	0.247	0.264	0.278	0.204	0.246	11.46
52) CM	Toluene	0.939	0.891	1.146	0.758	0.936	0.837	0.918	14.27#
53) T	t-1,3-Dichloro...	0.457	0.569	0.562	0.493	0.555	0.415	0.509	12.58
54) T	cis-1,3-Dichlo...	0.670	0.590	0.516	0.548	0.557	0.498	0.563	10.94
55) T	1,1,2-Trichlor...	0.266	0.310	0.312	0.266	0.279	0.211	0.274	13.59

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56)	T	Ethyl methacry...	0.322	0.402	0.460	0.413	0.436	0.319	0.392	15.03
57)	T	1,3-Dichloropr...	0.431	0.549	0.558	0.479	0.491	0.380	0.481	14.24
58)	T	2-Chloroethyl ...	0.208	0.147	0.157	0.131	0.163	0.154	0.160	16.20
59)	T	2-Hexanone	0.138	0.194	0.230	0.222	0.197	0.149	0.188	20.00
60)	T	Dibromochlorom...	0.310	0.392	0.394	0.337	0.313	0.282	0.338	13.67
61)	T	1,2-Dibromoethane	0.214	0.236	0.278	0.241	0.227	0.190	0.231	12.66
62)	S	4-Bromofluorob...	0.422	0.416	0.387	0.347	0.369	0.356	0.383	8.19
-----ISTD-----										
63)	I	Chlorobenzene-d5								
64)	T	Tetrachloroethene	0.446	0.470	0.422	0.389	0.425	0.350	0.417	10.16
65)	PM	Chlorobenzene	1.220	1.031	1.172	1.127	1.075	1.016	1.107	7.29
66)	T	1,1,1,2-Tetrac...	0.389	0.338	0.378	0.375	0.346	0.341	0.361	6.12
67)	C	Ethyl Benzene	2.248	1.845	2.125	2.111	1.961	1.947	2.040	7.22#
68)	T	m/p-Xylenes	0.829	0.684	0.724	0.763	0.738	0.703	0.740	6.92
69)	T	o-Xylene	0.755	0.696	0.628	0.702	0.749	0.652	0.697	7.27
70)	T	Styrene	1.219	1.121	1.093	1.187	1.366	1.095	1.180	8.82
71)	P	Bromoform	0.194	0.173	0.194	0.182	0.219	0.162	0.187	10.69
-----ISTD-----										
72)	I	1,4-Dichlorobenzen...								
73)	T	Isopropylbenzene	4.827	4.594	4.595	4.200	4.310	4.410	4.489	5.06
74)	T	N-amyl acetate	0.946	0.933	1.158	1.245	1.353	1.093	1.121	14.79
75)	P	1,1,2,2-Tetrac...	0.791	0.712	0.802	0.771	0.708	0.639	0.737	8.42
76)	T	1,2,3-Trichlor...	0.655	0.566	0.588	0.607	0.523	0.468	0.568	11.55
77)	T	Bromobenzene	1.013	0.937	0.926	0.878	0.894	0.840	0.914	6.52
78)	T	n-propylbenzene	5.924	5.443	5.484	5.146	5.589	4.958	5.424	6.25
79)	T	2-Chlorotoluene	3.427	3.390	3.052	2.914	3.007	2.766	3.092	8.53
80)	T	1,3,5-Trimethy...	3.863	4.115	3.572	3.459	3.700	3.418	3.688	7.20
81)	T	trans-1,4-Dich...	0.241	0.211	0.248	0.255	0.242	0.232	0.238	6.48
82)	T	4-Chlorotoluene	3.302	3.584	3.186	3.103	3.052	2.882	3.185	7.55
83)	T	tert-Butylbenzene	3.450	3.486	3.127	2.978	3.569	3.291	3.317	6.90
84)	T	1,2,4-Trimethy...	3.754	3.533	3.533	3.764	3.422	3.430	3.573	4.26
85)	T	sec-Butylbenzene	5.026	4.809	4.780	4.581	4.726	4.328	4.708	5.00
86)	T	p-Isopropyltol...	3.927	3.651	3.916	3.672	3.668	3.562	3.733	4.06
87)	T	1,3-Dichlorobe...	2.019	1.794	1.874	1.766	1.721	1.625	1.800	7.52
88)	T	1,4-Dichlorobe...	1.925	1.752	1.835	1.740	1.965	1.564	1.797	8.09
89)	T	n-Butylbenzene	3.941	3.834	3.751	4.167	4.398	3.718	3.968	6.69
90)	T	Hexachloroethane	0.838	0.780	0.756	0.733	0.856	0.699	0.777	7.79
91)	T	1,2-Dichlorobe...	1.770	1.658	1.623	1.733	1.773	1.408	1.661	8.30
92)	T	1,2-Dibromo-3-...	0.120	0.103	0.119	0.125	0.115	0.093	0.113	10.61
93)	T	1,2,4-Trichlor...	0.951	0.924	0.858	0.874	1.005	0.772	0.897	9.04
94)	T	Hexachlorobuta...	0.634	0.438	0.460	0.450	0.472	0.442	0.483	15.58
95)	T	Naphthalene	1.288	1.191	1.570	1.681	1.824	1.661	1.536	15.97
96)	T	1,2,3-Trichlor...	0.685	0.815	0.703	0.741	0.762	0.645	0.725	8.31

(#) = Out of Range