

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y083022S.M
 Title : SW846 8260
 Last Update : Wed Aug 31 02:23:17 2022
 Response Via : Initial Calibration

Calibration Files

5 =VY010224.D 10 =VY010225.D 20 =VY010226.D 50 =VY010227.D 100 =VY010228.D 150 =VY010229.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.360	0.416	0.421	0.341	0.326	0.323	0.365	12.07
3) P	Chloromethane	0.381	0.410	0.400	0.354	0.336	0.346	0.371	8.14
4) C	Vinyl Chloride	0.407	0.450	0.454	0.421	0.383	0.388	0.417	7.25#
5) T	Bromomethane	0.401	0.385	0.346	0.310	0.302	0.286	0.338	13.93
6) T	Chloroethane	0.279	0.300	0.296	0.284	0.271	0.268	0.283	4.60
7) T	Trichlorofluor...	0.784	0.833	0.817	0.790	0.747	0.724	0.782	5.26
8) T	Diethyl Ether	0.245	0.273	0.265	0.248	0.250	0.247	0.255	4.53
9) T	1,1,2-Trichlor...	0.438	0.464	0.469	0.440	0.429	0.425	0.444	4.11
10) T	Methyl Iodide	0.413	0.550	0.604	0.626	0.638	0.637	0.578	15.07
11) T	Tert butyl alc...	0.046	0.047	0.043	0.039	0.040	0.037	0.042	10.13
12) CM	1,1-Dichloroet...	0.455	0.468	0.470	0.439	0.429	0.420	0.447	4.61#
13) T	Acrolein	0.050	0.053	0.056	0.058	0.058	0.056	0.055	5.61
14) T	Allyl chloride	0.586	0.641	0.620	0.594	0.598	0.619	0.610	3.38
15) T	Acrylonitrile	0.113	0.120	0.121	0.114	0.116	0.112	0.116	3.19
16) T	Acetone	0.091	0.094	0.092	0.086	0.086	0.082	0.089	5.26
17) T	Carbon Disulfide	1.332	1.452	1.410	1.303	1.285	1.283	1.344	5.29
18) T	Methyl Acetate	0.291	0.300	0.314	0.284	0.280	0.277	0.291	4.83
19) T	Methyl tert-bu...	1.063	1.197	1.202	1.175	1.170	1.145	1.159	4.42
20) T	Methylene Chlo...	0.564	0.593	0.558	0.490	0.463	0.459	0.521	11.05
21) T	trans-1,2-Dich...	0.483	0.514	0.518	0.489	0.470	0.470	0.491	4.29
22) T	Diisopropyl ether	1.167	1.266	1.277	1.230	1.204	1.220	1.227	3.31
23) T	Vinyl Acetate	0.703	0.794	0.818	0.804	0.801	0.793	0.786	5.26
24) P	1,1-Dichloroet...	0.751	0.810	0.794	0.760	0.747	0.752	0.769	3.42
25) T	2-Butanone	0.192	0.154	0.150	0.138	0.143	0.136	0.152	13.53
26) T	2,2-Dichloropr...	0.819	0.755	0.728	0.695	0.664	0.655	0.719	8.62
27) T	cis-1,2-Dichlo...	0.614	0.572	0.561	0.546	0.526	0.528	0.558	5.89
28) T	Bromochloromet...	0.370	0.198	0.194	0.269	0.260	0.271	0.260	24.62
29) T	Tetrahydrofuran	0.121	0.095	0.100	0.097	0.097	0.094	0.101	10.06
30) C	Chloroform	0.972	0.885	0.872	0.845	0.829	0.821	0.871	6.36#
31) T	Cyclohexane	0.949	0.754	0.742	0.696	0.677	0.693	0.752	13.44
32) T	1,1,1-Trichlor...	0.825	0.822	0.811	0.798	0.771	0.762	0.798	3.28
33) S	1,2-Dichloroet...	0.503	0.236	0.224	0.458	0.432	0.433	0.381	31.42
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.306	0.170	0.206	0.305	0.293	0.297	0.263	22.56
36) T	1,1-Dichloropr...	0.463	0.392	0.453	0.439	0.436	0.433	0.436	5.62
37) T	Ethyl Acetate	0.259	0.196	0.245	0.225	0.232	0.223	0.230	9.43
38) T	Carbon Tetrach...	0.475	0.461	0.542	0.516	0.512	0.496	0.500	5.90
39) T	Methylcyclohexane	0.558	0.570	0.569	0.553	0.554	0.548	0.559	1.61
40) TM	Benzene	1.371	1.256	1.314	1.278	1.262	1.246	1.288	3.69
41) T	Methacrylonitrile	0.133	0.115	0.125	0.127	0.131	0.148	0.130	8.21
42) TM	1,2-Dichloroet...	0.383	0.376	0.397	0.387	0.376	0.365	0.381	2.91
43) T	Isopropyl Acetate	0.469	0.462	0.434	0.419	0.430	0.426	0.440	4.66
44) TM	Trichloroethene	0.394	0.405	0.409	0.401	0.395	0.379	0.397	2.68
45) C	1,2-Dichloropr...	0.344	0.345	0.306	0.290	0.291	0.293	0.311	8.44#
46) T	Dibromomethane	0.196	0.205	0.194	0.190	0.186	0.181	0.192	4.37
47) T	Bromodichlorom...	0.446	0.450	0.451	0.448	0.439	0.433	0.445	1.59
48) T	Methyl methacr...	0.198	0.200	0.189	0.193	0.201	0.195	0.196	2.32
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	2.78
50) S	Toluene-d8	1.199	0.463	0.486	1.158	1.120	1.125	0.925	37.86
51) T	4-Methyl-2-Pen...	0.248	0.242	0.247	0.226	0.225	0.219	0.235	5.41
52) CM	Toluene	0.843	0.847	0.880	0.840	0.822	0.809	0.840	2.92#
53) T	t-1,3-Dichloro...	0.441	0.473	0.548	0.464	0.540	0.457	0.487	9.26
54) T	cis-1,3-Dichlo...	0.527	0.550	0.524	0.513	0.512	0.513	0.523	2.77
55) T	1,1,2-Trichlor...	0.284	0.287	0.335	0.271	0.319	0.259	0.293	9.91
56) T	Ethyl methacry...	0.328	0.351	0.437	0.360	0.446	0.359	0.380	12.88

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57)	T	1,3-Dichloropr...	0.457	0.471	0.565	0.441	0.530	0.430	0.482	11.09
58)	T	2-Chloroethyl ...	0.163	0.141	0.141	0.086	0.086	0.088	0.117	29.59
59)	T	2-Hexanone	0.163	0.183	0.211	0.159	0.209	0.148	0.179	14.93
60)	T	Dibromochlorom...	0.337	0.355	0.413	0.357	0.403	0.333	0.367	9.27
61)	T	1,2-Dibromoethane	0.269	0.284	0.341	0.269	0.317	0.251	0.289	11.71
62)	S	4-Bromofluorob...	0.435	0.334	0.401	0.401	0.438	0.382	0.398	9.65
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.423	0.457	0.440	0.445	0.412	0.412	0.432	4.34
65)	PM	Chlorobenzene	1.052	1.070	1.067	1.023	0.992	0.980	1.030	3.74
66)	T	1,1,1,2-Tetrac...	0.391	0.399	0.396	0.403	0.370	0.374	0.389	3.51
67)	C	Ethyl Benzene	1.734	1.795	1.820	1.763	1.728	1.708	1.758	2.43#
68)	T	m/p-Xylenes	0.675	0.735	0.736	0.706	0.682	0.672	0.701	4.16
69)	T	o-Xylene	0.620	0.670	0.658	0.676	0.648	0.645	0.653	3.06
70)	T	Styrene	1.027	1.109	1.095	1.143	1.100	1.090	1.094	3.47
71)	P	Bromoform	0.241	0.268	0.257	0.273	0.250	0.255	0.257	4.65
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.309	3.330	3.447	3.393	3.458	3.346	3.380	1.85
74)	T	N-amyl acetate	0.873	0.887	0.914	0.795	0.969	0.843	0.880	6.76
75)	P	1,1,2,2-Tetrac...	0.714	0.784	0.730	0.627	0.679	0.579	0.685	10.77
76)	T	1,2,3-Trichlor...	0.509	0.543	0.523	0.456	0.486	0.434	0.492	8.40
77)	T	Bromobenzene	0.850	0.868	0.876	0.888	0.862	0.840	0.864	1.99
78)	T	n-propylbenzene	3.805	4.219	4.127	3.970	4.117	3.819	4.010	4.30
79)	T	2-Chlorotoluene	2.267	2.429	2.345	2.310	2.337	2.190	2.313	3.48
80)	T	1,3,5-Trimethy...	2.768	2.902	2.926	2.902	2.966	2.766	2.872	2.94
81)	T	trans-1,4-Dich...	0.231	0.238	0.250	0.223	0.249	0.224	0.236	5.07
82)	T	4-Chlorotoluene	2.378	2.527	2.486	2.388	2.479	2.300	2.427	3.51
83)	T	tert-Butylbenzene	2.416	2.514	2.603	2.581	2.624	2.499	2.540	3.07
84)	T	1,2,4-Trimethy...	2.677	2.852	2.896	2.833	2.914	2.749	2.820	3.22
85)	T	sec-Butylbenzene	3.715	3.757	3.865	3.687	3.835	3.555	3.736	2.99
86)	T	p-Isopropyltol...	2.931	3.107	3.187	3.177	3.152	3.022	3.096	3.26
87)	T	1,3-Dichlorobe...	1.786	1.750	1.755	1.681	1.671	1.601	1.707	4.02
88)	T	1,4-Dichlorobe...	1.839	1.774	1.753	1.695	1.644	1.617	1.720	4.87
89)	T	n-Butylbenzene	2.781	2.821	3.018	2.946	2.887	2.746	2.866	3.61
90)	T	Hexachloroethane	0.628	0.618	0.634	0.683	0.601	0.579	0.624	5.63
91)	T	1,2-Dichlorobe...	1.558	1.557	1.579	1.614	1.492	1.461	1.544	3.68
92)	T	1,2-Dibromo-3-...	0.120	0.114	0.117	0.130	0.114	0.120	0.119	5.06
93)	T	1,2,4-Trichlor...	0.990	0.917	0.985	1.110	0.999	1.078	1.013	6.87
94)	T	Hexachlorobuta...	0.655	0.576	0.606	0.637	0.554	0.572	0.600	6.65
95)	T	Naphthalene	1.683	1.706	1.929	2.269	2.162	2.229	1.997	13.13
96)	T	1,2,3-Trichlor...	0.875	0.813	0.869	0.986	0.899	0.952	0.899	6.91

(#) = Out of Range