

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X060721W.M
 Title : SW846 8260
 Last Update : Mon Jun 07 14:27:50 2021
 Response Via : Initial Calibration

Calibration Files

1 =VX022532.D 5 =VX022526.D 20 =VX022527.D 50 =VX022528.D 100 =VX022529.D 150 =VX022530.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.513	0.564	0.489	0.648	0.648	0.636	0.583	12.20
3) P	Chloromethane	0.649	0.699	0.720	0.701	0.726	0.730	0.704	4.27
4) C	Vinyl Chloride	0.635	0.707	0.603	0.700	0.748	0.731	0.687	8.25#
5) T	Bromomethane		0.374	0.377	0.362	0.357	0.336	0.361	4.50
6) T	Chloroethane	0.473	0.441	0.440	0.435	0.448	0.360	0.433	8.82
7) T	Trichlorofluor...	1.048	1.014	0.806	1.032	1.076	1.031	1.001	9.79
8) T	Diethyl Ether	0.357	0.420	0.416	0.405	0.421	0.430	0.408	6.44
9) T	1,1,2-Trichlor...	0.690	0.638	0.473	0.624	0.647	0.611	0.614	12.08
10) T	Methyl Iodide		0.621	0.676	0.734	0.792	0.789	0.722	10.22
11) T	Tert butyl alc...		0.195	0.201	0.194	0.202	0.205	0.199	2.36
12) CM	1,1-Dichloroet...	0.706	0.644	0.558	0.625	0.639	0.632	0.634	7.48#
13) T	Acrolein		0.129	0.094	0.089	0.095	0.097	0.101	15.81
14) T	Allyl chloride	1.069	1.024	1.171	1.193	1.263	1.256	1.163	8.40
15) T	Acrylonitrile	0.376	0.411	0.434	0.416	0.427	0.432	0.416	5.21
16) T	Acetone	0.449	0.381	0.408	0.381	0.385	0.392	0.399	6.62
17) T	Carbon Disulfide	2.001	1.267	1.155	1.440	1.640	1.684	1.531	20.15
18) T	Methyl Acetate	1.100	1.034	1.134	1.096	1.114	1.131	1.101	3.33
19) T	Methyl tert-bu...	1.838	2.091	2.170	2.142	2.228	2.216	2.114	6.83
20) T	Methylene Chlo...	1.039	0.854	0.788	0.763	0.776	0.784	0.834	12.60
21) T	trans-1,2-Dich...	0.806	0.696	0.648	0.700	0.728	0.706	0.714	7.30
22) T	Diisopropyl ether	2.073	2.311	2.369	2.313	2.436	2.492	2.332	6.24
23) T	Vinyl Acetate	1.836	2.052	2.232	2.258	2.378	2.412	2.195	9.89
24) P	1,1-Dichloroet...	1.254	1.272	1.330	1.334	1.394	1.379	1.327	4.20
25) T	2-Butanone	0.620	0.638	0.681	0.653	0.677	0.693	0.660	4.23
26) T	2,2-Dichloropr...	0.870	1.011	0.974	1.067	1.100	1.081	1.017	8.45
27) T	cis-1,2-Dichlo...	0.818	0.845	0.822	0.827	0.862	0.855	0.838	2.18
28) T	Bromochloromet...	0.699	0.670	0.636	0.629	0.678	0.716	0.671	5.10
29) T	Tetrahydrofuran	0.364	0.368	0.389	0.389	0.404	0.410	0.387	4.80
30) C	Chloroform	1.237	1.301	1.341	1.335	1.397	1.388	1.333	4.44#
31) T	Cyclohexane		1.080	0.836	1.099	1.130	1.112	1.051	11.61
32) T	1,1,1-Trichlor...	0.920	1.015	0.987	1.112	1.160	1.151	1.057	9.25
33) S	1,2-Dichloroet...		0.943	0.878	0.821	0.881	0.921	0.889	5.25
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.321	0.274	0.304	0.332	0.333	0.313	7.84
36) T	1,1-Dichloropr...	0.476	0.478	0.409	0.501	0.530	0.508	0.484	8.59
37) T	Ethyl Acetate	0.551	0.621	0.593	0.623	0.662	0.673	0.620	7.22
38) T	Carbon Tetrach...	0.311	0.403	0.326	0.446	0.483	0.466	0.406	18.01
39) T	Methylcyclohexane	0.558	0.568	0.349	0.542	0.574	0.548	0.523	16.43
40) TM	Benzene	1.361	1.543	1.377	1.521	1.604	1.550	1.493	6.69
41) T	Methacrylonitrile	0.337	0.342	0.312	0.334	0.355	0.368	0.341	5.57
42) TM	1,2-Dichloroet...	0.530	0.549	0.518	0.555	0.582	0.568	0.550	4.26
43) T	Isopropyl Acetate	0.857	1.007	0.944	1.024	1.101	1.106	1.006	9.46
44) TM	Trichloroethene	0.345	0.357	0.314	0.358	0.376	0.364	0.352	6.05
45) C	1,2-Dichloropr...	0.303	0.390	0.373	0.396	0.425	0.418	0.384	11.45#
46) T	Dibromomethane	0.248	0.267	0.244	0.259	0.280	0.272	0.262	5.40
47) T	Bromodichlorom...	0.349	0.407	0.409	0.491	0.532	0.534	0.454	16.82
48) T	Methyl methacr...	0.405	0.451	0.429	0.476	0.524	0.525	0.468	10.59
49) T	1,4-Dioxane	0.008	0.009	0.010	0.010	0.010	0.010	0.009	6.29
50) S	Toluene-d8		1.314	1.088	1.199	1.303	1.337	1.248	8.35
51) T	4-Methyl-2-Pen...	0.512	0.607	0.615	0.651	0.686	0.691	0.627	10.56
52) CM	Toluene	0.937	0.939	0.858	0.934	0.992	0.964	0.938	4.75#
53) T	t-1,3-Dichloro...	0.436	0.436	0.479	0.566	0.647	0.653	0.536	18.63
54) T	cis-1,3-Dichlo...	0.404	0.527	0.532	0.620	0.683	0.687	0.576	18.97
55) T	1,1,2-Trichlor...	0.268	0.372	0.362	0.381	0.403	0.407	0.365	13.92
56) T	Ethyl methacry...	0.475	0.535	0.566	0.631	0.694	0.712	0.602	15.48

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57)	T	1,3-Dichloropr...	0.560	0.653	0.648	0.675	0.715	0.712	0.660	8.57
58)	T	2-Chloroethyl ...	0.446	0.311	0.316	0.341	0.355	0.351	0.353	13.86
59)	T	2-Hexanone	0.386	0.462	0.462	0.497	0.530	0.537	0.479	11.62
60)	T	Dibromochlorom...	0.196	0.253	0.274	0.332	0.380	0.387	0.304	24.95
61)	T	1,2-Dibromoethane	0.374	0.349	0.364	0.391	0.414	0.419	0.385	7.25
62)	S	4-Bromofluorob...	0.478	0.391	0.428	0.493	0.530	0.464		11.84
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.364	0.348	0.298	0.349	0.339	0.310	0.335	7.58
65)	PM	Chlorobenzene	0.973	1.040	0.990	1.064	1.103	1.064	1.039	4.75
66)	T	1,1,1,2-Tetrac...	0.234	0.300	0.308	0.362	0.387	0.376	0.328	17.73
67)	C	Ethyl Benzene	1.684	2.011	1.738	1.996	2.063	1.980	1.912	8.32#
68)	T	m/p-Xylenes	0.612	0.706	0.651	0.730	0.753	0.718	0.695	7.64
69)	T	o-Xylene	0.541	0.722	0.649	0.715	0.745	0.703	0.679	11.04
70)	T	Styrene	0.944	1.165	1.064	1.211	1.268	1.239	1.149	10.71
71)	P	Bromoform	0.116	0.141	0.174	0.218	0.255	0.261	0.194	30.98
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.651	4.345	3.684	4.256	4.349	4.167	4.075	7.93
74)	T	N-amyl acetate	1.840	2.030	2.067	2.275	2.454	2.452	2.186	11.36
75)	P	1,1,2,2-Tetrac...	1.259	1.520	1.429	1.495	1.566	1.533	1.467	7.62
76)	T	1,2,3-Trichlor...	1.028	1.319	1.289	1.363	1.406	1.366	1.295	10.57
77)	T	Bromobenzene	0.860	0.914	0.820	0.884	0.909	0.880	0.878	3.95
78)	T	n-propylbenzene	4.708	5.160	4.304	5.072	5.350	5.082	4.946	7.63
79)	T	2-Chlorotoluene	2.660	3.190	2.701	2.949	3.138	3.021	2.943	7.51
80)	T	1,3,5-Trimethy...	3.398	3.619	3.140	3.561	3.678	3.495	3.482	5.56
81)	T	trans-1,4-Dich...	0.303	0.365	0.471	0.549	0.558	0.449		25.07
82)	T	4-Chlorotoluene	2.990	3.599	3.198	3.477	3.634	3.542	3.407	7.53
83)	T	tert-Butylbenzene	2.660	3.327	2.725	3.285	3.350	3.263	3.102	10.29
84)	T	1,2,4-Trimethy...	3.125	3.676	3.246	3.625	3.733	3.606	3.502	7.18
85)	T	sec-Butylbenzene	3.874	4.381	3.438	4.328	4.468	4.278	4.128	9.59
86)	T	p-Isopropyltol...	3.126	3.502	2.913	3.580	3.746	3.601	3.412	9.40
87)	T	1,3-Dichlorobe...	1.708	1.773	1.526	1.704	1.792	1.727	1.705	5.55
88)	T	1,4-Dichlorobe...	2.041	1.789	1.595	1.720	1.779	1.733	1.776	8.28
89)	T	n-Butylbenzene	3.105	3.279	2.569	3.479	3.702	3.519	3.276	12.29
90)	T	Hexachloroethane	0.353	0.416	0.386	0.523	0.596	0.587	0.477	22.13
91)	T	1,2-Dichlorobe...	1.468	1.739	1.528	1.649	1.673	1.651	1.618	6.21
92)	T	1,2-Dibromo-3-...	0.128	0.235	0.247	0.309	0.340	0.354	0.269	31.27
93)	T	1,2,4-Trichlor...	1.055	0.935	0.803	0.964	1.049	1.032	0.973	9.91
94)	T	Hexachlorobuta...	0.392	0.361	0.259	0.351	0.365	0.364	0.349	13.24
95)	T	Naphthalene	3.374	3.701	3.585	4.119	4.348	4.276	3.900	10.29
96)	T	1,2,3-Trichlor...	0.978	0.924	0.850	1.000	1.052	1.030	0.972	7.67

(#) = Out of Range