

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N030921W.M
 Title : SW846 8260
 Last Update : Tue Mar 09 14:48:21 2021
 Response Via : Initial Calibration

Calibration Files

1 =VN066147.D 5 =VN066148.D 20 =VN066149.D 50 =VN066150.D 100 =VN066151.D 150 =VN066152.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.552	0.667	0.585	0.640	0.636	0.671	0.625	7.55
3) P	Chloromethane	1.299	1.155	1.013	1.078	1.120	1.118	1.130	8.49
4) C	Vinyl Chloride	0.882	0.870	0.822	0.910	0.926	0.960	0.895	5.36#
5) T	Bromomethane		0.553	0.425	0.468	0.476	0.479	0.480	9.59
6) T	Chloroethane	0.463	0.495	0.450	0.511	0.516	0.520	0.492	5.99
7) T	Trichlorofluor...	0.895	1.072	0.898	1.007	0.947	0.970	0.965	7.03
8) T	Diethyl Ether	0.412	0.419	0.343	0.424	0.397	0.391	0.398	7.46
9) T	1,1,2-Trichlor...	0.460	0.490	0.420	0.461	0.450	0.466	0.458	4.98
10) T	Methyl Iodide		0.392	0.488	0.593	0.620	0.610	0.541	18.17
11) T	Tert butyl alc...		0.165	0.145	0.163	0.173	0.162	0.161	6.30
12) CM	1,1-Dichloroet...	0.552	0.562	0.447	0.508	0.477	0.495	0.507	8.64#
13) T	Acrolein		0.174	0.087	0.093	0.091	0.088	0.106	35.60
14) T	Allyl chloride	1.411	1.597	1.458	1.701	1.666	1.634	1.578	7.42
15) T	Acrylonitrile	0.412	0.465	0.449	0.486	0.503	0.477	0.465	6.89
16) T	Acetone	0.600	0.502	0.436	0.448	0.455	0.417	0.477	14.00
17) T	Carbon Disulfide	1.667	1.643	1.422	1.614	1.593	1.641	1.597	5.59
18) T	Methyl Acetate	1.026	1.200	1.131	1.295	1.281	1.211	1.191	8.42
19) T	Methyl tert-bu...	2.313	2.363	2.056	2.415	2.364	2.293	2.301	5.54
20) T	Methylene Chlo...	0.806	0.731	0.624	0.692	0.696	0.667	0.703	8.78
21) T	trans-1,2-Dich...	0.549	0.660	0.544	0.635	0.619	0.611	0.603	7.77
22) T	Diisopropyl ether	3.056	3.119	2.878	3.321	3.301	3.208	3.147	5.29
23) T	Vinyl Acetate	2.407	2.765	2.497	2.945	2.904	2.739	2.710	7.99
24) P	1,1-Dichloroet...	1.312	1.536	1.364	1.523	1.458	1.437	1.438	6.13
25) T	2-Butanone	0.692	0.766	0.691	0.756	0.789	0.738	0.739	5.45
26) T	2,2-Dichloropr...	1.207	1.280	1.067	1.197	1.166	1.155	1.179	5.95
27) T	cis-1,2-Dichlo...	0.695	0.822	0.668	0.756	0.733	0.727	0.734	7.23
28) T	Bromochloromet...	0.811	0.846	0.749	0.833	0.862	0.854	0.826	5.02
29) T	Tetrahydrofuran	0.490	0.525	0.477	0.532	0.539	0.515	0.513	4.82
30) C	Chloroform	1.220	1.377	1.177	1.363	1.316	1.287	1.290	6.12#
31) T	Cyclohexane		1.595	1.200	1.307	1.321	1.379	1.360	10.75
32) T	1,1,1-Trichlor...	0.998	1.186	0.983	1.112	1.091	1.092	1.077	7.01
33) S	1,2-Dichloroet...		1.007	0.855	0.952	0.957	0.947	0.943	5.85
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.366	0.306	0.334	0.342	0.358	0.341	6.87
36) T	1,1-Dichloropr...	0.561	0.600	0.510	0.572	0.572	0.596	0.569	5.67
37) T	Ethyl Acetate	0.903	0.829	0.824	0.881	0.889	0.876	0.867	3.77
38) T	Carbon Tetrach...	0.461	0.532	0.448	0.508	0.502	0.521	0.495	6.78
39) T	Methylcyclohexane	0.565	0.608	0.550	0.603	0.619	0.670	0.602	7.05
40) TM	Benzene	1.543	1.712	1.530	1.722	1.728	1.741	1.663	5.91
41) T	Methacrylonitrile	0.444	0.382	0.409	0.425	0.428	0.411	0.417	5.07
42) TM	1,2-Dichloroet...	0.647	0.727	0.622	0.705	0.689	0.670	0.677	5.67
43) T	Isopropyl Acetate	1.360	1.398	1.304	1.464	1.480	1.450	1.409	4.84
44) TM	Trichloroethene	0.389	0.414	0.359	0.397	0.399	0.404	0.394	4.82
45) C	1,2-Dichloropr...	0.425	0.528	0.474	0.536	0.535	0.533	0.505	9.06#
46) T	Dibromomethane	0.242	0.277	0.256	0.282	0.290	0.290	0.273	7.19
47) T	Bromodichlorom...	0.556	0.630	0.559	0.622	0.632	0.625	0.604	5.99
48) T	Methyl methacr...	0.670	0.681	0.623	0.706	0.741	0.716	0.690	6.00
49) T	1,4-Dioxane	0.007	0.007	0.005	0.006	0.007	0.007	0.006	8.33
50) S	Toluene-d8		1.329	1.204	1.293	1.420	1.464	1.342	7.69
51) T	4-Methyl-2-Pen...	0.759	0.873	0.836	0.889	0.924	0.850	0.855	6.59
52) CM	Toluene	0.921	0.968	0.923	0.998	1.043	1.033	0.981	5.39#
53) T	t-1,3-Dichloro...	0.586	0.721	0.671	0.746	0.787	0.777	0.715	10.58
54) T	cis-1,3-Dichlo...	0.685	0.781	0.703	0.789	0.820	0.816	0.766	7.54
55) T	1,1,2-Trichlor...	0.326	0.379	0.374	0.391	0.416	0.408	0.383	8.37
56) T	Ethyl methacry...	0.533	0.634	0.625	0.701	0.767	0.752	0.669	13.27

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57)	T	1,3-Dichloropr...	0.618	0.779	0.691	0.769	0.799	0.782	0.740	9.53
58)	T	2-Chloroethyl ...	0.194	0.209	0.203	0.254	0.271	0.272	0.234	15.35
59)	T	2-Hexanone	0.479	0.606	0.588	0.643	0.699	0.654	0.611	12.38
60)	T	Dibromochlorom...	0.326	0.391	0.379	0.425	0.452	0.450	0.404	12.03
61)	T	1,2-Dibromoethane	0.319	0.385	0.371	0.401	0.440	0.430	0.391	11.25
62)	S	4-Bromofluorob...	0.476	0.433	0.479	0.554	0.556	0.500		10.78
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.409	0.439	0.401	0.421	0.397	0.407	0.412	3.74
65)	PM	Chlorobenzene	0.998	1.048	0.985	1.078	1.106	1.104	1.053	4.98
66)	T	1,1,1,2-Tetrac...	0.358	0.371	0.380	0.412	0.408	0.418	0.391	6.34
67)	C	Ethyl Benzene	1.799	1.957	1.835	2.046	2.084	2.134	1.976	6.90#
68)	T	m/p-Xylenes	0.638	0.706	0.660	0.736	0.755	0.778	0.712	7.69
69)	T	o-Xylene	0.598	0.671	0.642	0.718	0.738	0.745	0.686	8.54
70)	T	Styrene	0.894	1.083	1.025	1.213	1.261	1.275	1.125	13.42
71)	P	Bromoform	0.234	0.290	0.270	0.314	0.328	0.334	0.295	13.04
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.981	4.121	3.701	3.806	3.923	3.835	3.894	3.78
74)	T	N-amyl acetate	1.065	1.712	1.873	2.254	2.572	2.527	2.000	28.66
75)	P	1,1,2,2-Tetrac...	1.469	1.505	1.346	1.327	1.379	1.338	1.394	5.37
76)	T	1,2,3-Trichlor...	1.595	1.636	1.419	1.422	1.535	1.386	1.498	6.96
77)	T	Bromobenzene	0.900	0.947	0.854	0.905	0.918	0.897	0.904	3.34
78)	T	n-propylbenzene	4.715	4.809	4.279	4.557	4.766	4.656	4.630	4.18
79)	T	2-Chlorotoluene	2.947	2.968	2.602	2.729	2.817	2.746	2.802	4.98
80)	T	1,3,5-Trimethy...	3.133	3.595	3.089	3.262	3.363	3.312	3.292	5.51
81)	T	trans-1,4-Dich...	0.395	0.445	0.496	0.542	0.522	0.480		12.44
82)	T	4-Chlorotoluene	2.917	2.799	2.650	2.870	2.988	2.958	2.864	4.33
83)	T	tert-Butylbenzene	3.037	2.967	2.565	2.679	2.779	2.691	2.786	6.51
84)	T	1,2,4-Trimethy...	2.995	3.328	3.050	3.242	3.392	3.421	3.238	5.52
85)	T	sec-Butylbenzene	3.502	3.914	3.388	3.620	3.793	3.810	3.671	5.51
86)	T	p-Isopropyltol...	3.030	3.363	3.014	3.260	3.433	3.476	3.263	6.14
87)	T	1,3-Dichlorobe...	1.702	1.716	1.444	1.620	1.678	1.705	1.644	6.32
88)	T	1,4-Dichlorobe...	1.733	1.759	1.459	1.604	1.699	1.699	1.659	6.69
89)	T	n-Butylbenzene	2.529	3.057	2.705	3.094	3.243	3.407	3.006	10.98
90)	T	Hexachloroethane	0.530	0.477	0.439	0.498	0.539	0.548	0.505	8.32
91)	T	1,2-Dichlorobe...	1.675	1.722	1.485	1.636	1.645	1.637	1.633	4.87
92)	T	1,2-Dibromo-3-...	0.446	0.367	0.323	0.326	0.333	0.331	0.354	13.46
93)	T	1,2,4-Trichlor...	0.668	0.874	0.863	1.041	1.041	1.097	0.931	17.23
94)	T	Hexachlorobuta...	0.460	0.506	0.418	0.455	0.468	0.488	0.466	6.49
95)	T	Naphthalene	2.642	2.843	2.892	3.365	3.295	3.477	3.086	10.92
96)	T	1,2,3-Trichlor...	0.924	0.951	0.917	1.066	1.037	1.099	0.999	7.84

(#) = Out of Range