

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N030722W.M
 Title : SW846 8260
 Last Update : Tue Mar 08 06:52:46 2022
 Response Via : Initial Calibration

Calibration Files

1 =VN071174.D 5 =VN071175.D 20 =VN071176.D 50 =VN071177.D 100 =VN071178.D 150 =VN071179.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.566	0.630	0.518	0.506	0.522	0.545	0.548	8.29
3) P	Chloromethane	1.083	0.933	0.739	0.706	0.726	0.742	0.822	18.57
4) C	Vinyl Chloride	0.711	0.735	0.631	0.626	0.651	0.676	0.672	6.60#
5) T	Bromomethane	0.433	0.360	0.331	0.275	0.276	0.335		19.64
6) T	Chloroethane	0.407	0.470	0.383	0.400	0.384	0.397	0.407	7.93
7) T	Trichlorofluor...	0.966	0.950	0.843	0.817	0.849	0.879	0.884	6.88
8) T	Diethyl Ether	0.375	0.413	0.359	0.355	0.374	0.392	0.378	5.73
9) T	1,1,2-Trichlor...	0.547	0.568	0.487	0.473	0.488	0.507	0.512	7.31
10) T	Methyl Iodide	0.699	0.678	0.702	0.756	0.778	0.723		5.83
11) T	Tert butyl alc...	0.135	0.119	0.125	0.143	0.152	0.135		9.89
12) CM	1,1-Dichloroet...	0.509	0.542	0.475	0.469	0.498	0.515	0.501	5.39#
13) T	Acrolein	0.173	0.131	0.126	0.145	0.138	0.142		13.01
14) T	Allyl chloride	1.107	1.145	1.019	1.026	1.098	1.147	1.090	5.13
15) T	Acrylonitrile	0.408	0.418	0.382	0.381	0.399	0.411	0.400	3.86
16) T	Acetone	0.377	0.352	0.312	0.308	0.321	0.329	0.333	7.97
17) T	Carbon Disulfide	1.546	1.478	1.315	1.325	1.408	1.490	1.427	6.57
18) T	Methyl Acetate	1.298	1.050	0.868	0.857	0.888	0.911	0.979	17.53
19) T	Methyl tert-bu...	1.873	1.957	1.811	1.807	1.885	1.960	1.882	3.55
20) T	Methylene Chlo...	0.837	0.719	0.603	0.583	0.602	0.620	0.661	15.01
21) T	trans-1,2-Dich...	0.564	0.605	0.523	0.513	0.534	0.550	0.548	6.09
22) T	Diisopropyl ether	2.121	2.302	2.096	2.052	2.126	2.190	2.148	4.09
23) T	Vinyl Acetate	1.636	1.877	1.770	1.803	1.882	1.942	1.818	5.96
24) P	1,1-Dichloroet...	1.146	1.253	1.089	1.065	1.110	1.148	1.135	5.84
25) T	2-Butanone	0.531	0.565	0.513	0.512	0.542	0.560	0.537	4.22
26) T	2,2-Dichloropr...	0.868	0.901	0.844	0.833	0.887	0.921	0.876	3.87
27) T	cis-1,2-Dichlo...	0.664	0.699	0.625	0.611	0.641	0.664	0.651	4.84
28) T	Bromochloromet...	0.470	0.534	0.497	0.483	0.533	0.516	0.505	5.27
29) T	Tetrahydrofuran	0.382	0.392	0.358	0.356	0.369	0.376	0.372	3.73
30) C	Chloroform	1.156	1.173	1.040	1.015	1.037	1.074	1.083	6.14#
31) T	Cyclohexane	1.307	1.056	1.000	1.038	1.070	1.094		11.13
32) T	1,1,1-Trichlor...	0.924	0.984	0.875	0.880	0.918	0.951	0.922	4.52
33) S	1,2-Dichloroet...	0.689	0.666	0.625	0.732	0.714	0.685		6.12
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.318	0.312	0.284	0.337	0.326	0.316		6.29
36) T	1,1-Dichloropr...	0.522	0.535	0.495	0.470	0.496	0.514	0.506	4.54
37) T	Ethyl Acetate	0.781	0.750	0.661	0.654	0.660	0.668	0.696	7.94
38) T	Carbon Tetrach...	0.499	0.530	0.471	0.457	0.484	0.493	0.489	5.11
39) T	Methylcyclohexane	0.524	0.632	0.582	0.575	0.617	0.638	0.595	7.23
40) TM	Benzene	1.532	1.676	1.506	1.428	1.480	1.517	1.523	5.45
41) T	Methacrylonitrile	0.315	0.360	0.350	0.319	0.344	0.356	0.340	5.58
42) TM	1,2-Dichloroet...	0.512	0.591	0.525	0.502	0.521	0.528	0.530	5.95
43) T	Isopropyl Acetate	1.163	1.096	0.966	0.950	1.017	1.050	1.040	7.74
44) TM	Trichloroethene	0.336	0.389	0.355	0.341	0.359	0.377	0.359	5.69
45) C	1,2-Dichloropr...	0.401	0.453	0.403	0.388	0.398	0.411	0.409	5.63#
46) T	Dibromomethane	0.242	0.283	0.247	0.237	0.247	0.253	0.252	6.51
47) T	Bromodichlorom...	0.498	0.530	0.501	0.484	0.512	0.526	0.509	3.45
48) T	Methyl methacr...	0.459	0.461	0.461	0.472	0.512	0.527	0.482	6.17
49) T	1,4-Dioxane	0.007	0.009	0.008	0.008	0.009	0.009	0.008	9.16
50) S	Toluene-d8	1.194	1.254	1.170	1.393	1.341	1.270		7.50
51) T	4-Methyl-2-Pen...	0.591	0.667	0.628	0.626	0.671	0.691	0.646	5.74
52) CM	Toluene	0.864	0.990	0.934	0.910	0.956	0.975	0.938	4.93#
53) T	t-1,3-Dichloro...	0.488	0.563	0.538	0.547	0.598	0.630	0.561	8.80
54) T	cis-1,3-Dichlo...	0.556	0.608	0.601	0.598	0.642	0.671	0.613	6.44
55) T	1,1,2-Trichlor...	0.396	0.402	0.364	0.348	0.367	0.378	0.376	5.47
56) T	Ethyl methacry...	0.511	0.601	0.588	0.600	0.675	0.707	0.614	11.33

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57)	T	1,3-Dichloropr...	0.647	0.751	0.664	0.630	0.669	0.687	0.675	6.25
58)	T	2-Chloroethyl ...	0.061	0.075	0.087	0.106	0.134	0.144	0.101	32.43
59)	T	2-Hexanone	0.385	0.440	0.430	0.442	0.471	0.474	0.441	7.36
60)	T	Dibromochlorom...	0.309	0.381	0.365	0.368	0.400	0.418	0.373	10.01
61)	T	1,2-Dibromoethane	0.372	0.400	0.376	0.365	0.390	0.402	0.384	4.04
62)	S	4-Bromofluorob...	0.384	0.392	0.395	0.493	0.486	0.430		12.67
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.375	0.396	0.347	0.323	0.324	0.327	0.349	8.83
65)	PM	Chlorobenzene	1.113	1.160	1.031	1.004	1.055	1.079	1.074	5.25
66)	T	1,1,1,2-Tetrac...	0.422	0.409	0.381	0.374	0.383	0.393	0.394	4.67
67)	C	Ethyl Benzene	1.740	2.009	1.867	1.854	1.940	1.983	1.899	5.22#
68)	T	m/p-Xylenes	0.584	0.723	0.696	0.693	0.724	0.747	0.695	8.28
69)	T	o-Xylene	0.605	0.719	0.685	0.690	0.723	0.755	0.696	7.39
70)	T	Styrene	0.887	1.036	1.050	1.096	1.175	1.223	1.078	10.96
71)	P	Bromoform	0.258	0.306	0.292	0.298	0.319	0.320	0.299	7.76
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.613	5.557	4.791	4.440	4.713	4.806	4.820	8.00
74)	T	N-amyl acetate	2.096	1.744	1.600	1.719	1.835	1.879	1.812	9.37
75)	P	1,1,2,2-Tetrac...	2.076	1.965	1.640	1.463	1.421	1.367	1.655	18.08
76)	T	1,2,3-Trichlor...	1.613	1.785	1.500	1.183	1.204	1.155	1.407	18.79
77)	T	Bromobenzene	1.235	1.263	1.086	1.016	1.071	1.072	1.124	8.92
78)	T	n-propylbenzene	4.972	5.348	5.107	4.911	5.274	5.421	5.172	4.02
79)	T	2-Chlorotoluene	3.485	3.753	3.259	3.026	3.183	3.215	3.320	7.79
80)	T	1,3,5-Trimethy...	3.359	4.230	3.865	3.575	3.692	3.778	3.750	7.83
81)	T	trans-1,4-Dich...	0.485	0.454	0.424	0.444	0.485	0.483	0.463	5.58
82)	T	4-Chlorotoluene	2.866	3.191	2.886	2.811	2.967	3.023	2.957	4.63
83)	T	tert-Butylbenzene	3.063	3.766	3.378	3.173	3.337	3.361	3.347	7.17
84)	T	1,2,4-Trimethy...	3.079	4.059	3.673	3.456	3.644	3.640	3.592	8.90
85)	T	sec-Butylbenzene	3.921	4.714	4.469	4.343	4.582	4.659	4.448	6.53
86)	T	p-Isopropyltol...	2.962	3.599	3.480	3.487	3.708	3.752	3.498	8.15
87)	T	1,3-Dichlorobe...	2.098	1.937	1.724	1.683	1.750	1.765	1.826	8.73
88)	T	1,4-Dichlorobe...	2.205	1.871	1.633	1.600	1.671	1.730	1.785	12.71
89)	T	n-Butylbenzene	2.671	2.655	2.461	2.642	2.928	3.059	2.736	7.95
90)	T	Hexachloroethane	0.693	0.749	0.664	0.656	0.709	0.702	0.696	4.83
91)	T	1,2-Dichlorobe...	1.986	1.931	1.686	1.611	1.658	1.662	1.756	9.11
92)	T	1,2-Dibromo-3-...	0.342	0.277	0.257	0.254	0.271	0.281	0.280	11.47
93)	T	1,2,4-Trichlor...	1.000	0.655	0.687	0.742	0.825	0.872	0.797	16.17
94)	T	Hexachlorobuta...	0.586	0.529	0.490	0.464	0.452	0.437	0.493	11.38
95)	T	Naphthalene	2.886	1.416	1.550	1.956	2.336	2.544	2.115	27.25
96)	T	1,2,3-Trichlor...	0.976	0.676	0.660	0.723	0.784	0.833	0.775	15.24

(#) = Out of Range