

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N031221W.M
 Title : SW846 8260
 Last Update : Fri Mar 12 13:00:23 2021
 Response Via : Initial Calibration

Calibration Files

1 =VN066175.D 5 =VN066176.D 20 =VN066182.D 50 =VN066178.D 100 =VN066179.D 200 =VN066180.D

	Compound	1	5	20	50	100	200	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.585	0.586	0.455	0.550	0.525	0.520	0.537	9.13
3) P	Chloromethane	1.482	1.051	0.749	0.852	0.856	0.838	0.971	27.70
4) C	Vinyl Chloride	0.694	0.805	0.644	0.766	0.756	0.766	0.738	7.93#
5) T	Bromomethane		0.472	0.391	0.416	0.405	0.466	0.430	8.57
6) T	Chloroethane	0.451	0.471	0.378	0.434	0.424	0.412	0.428	7.51
7) T	Trichlorofluor...	0.881	0.950	0.763	0.913	0.846	0.838	0.865	7.52
8) T	Diethyl Ether	0.369	0.389	0.302	0.341	0.327	0.328	0.343	9.20
9) T	1,1,2-Trichlor...	0.466	0.496	0.390	0.470	0.427	0.423	0.445	8.75
10) T	Methyl Iodide		0.597	0.487	0.631	0.623	0.611	0.590	9.94
11) T	Tert butyl alc...		0.128	0.113	0.127	0.120	0.131	0.124	5.79
12) CM	1,1-Dichloroet...	0.578	0.479	0.386	0.463	0.443	0.438	0.464	13.75#
13) T	Acrolein		0.214	0.122	0.143	0.135	0.132	0.149	24.85
14) T	Allyl chloride	1.241	1.218	1.128	1.342	1.272	1.281	1.247	5.78
15) T	Acrylonitrile	0.337	0.385	0.328	0.396	0.374	0.372	0.365	7.39
16) T	Acetone	0.590	0.512	0.362	0.357	0.321	0.335	0.413	26.87
17) T	Carbon Disulfide	1.533	1.504	1.264	1.426	1.342	1.334	1.400	7.53
18) T	Methyl Acetate	0.961	0.991	0.898	1.097	1.005	1.016	0.995	6.59
19) T	Methyl tert-bu...	1.840	1.817	1.593	1.967	1.842	1.853	1.819	6.75
20) T	Methylene Chlo...	0.696	0.674	0.513	0.593	0.563	0.550	0.598	12.08
21) T	trans-1,2-Dich...	0.577	0.558	0.458	0.536	0.516	0.516	0.527	7.87
22) T	Diisopropyl ether	2.126	2.442	2.432	2.621	2.520	2.499	2.440	6.89
23) T	Vinyl Acetate	1.734	2.157	2.016	2.260	2.109	1.872	2.025	9.58
24) P	1,1-Dichloroet...	1.106	1.340	1.146	1.240	1.167	1.144	1.191	7.18
25) T	2-Butanone	0.590	0.627	0.565	0.619	0.618	0.631	0.608	4.22
26) T	2,2-Dichloropr...	1.074	1.092	0.945	1.031	1.048	1.056	1.041	4.95
27) T	cis-1,2-Dichlo...	0.570	0.664	0.602	0.656	0.677	0.686	0.642	7.21
28) T	Bromochloromet...	0.565	0.719	0.601	0.675	0.710	0.738	0.668	10.46
29) T	Tetrahydrofuran	0.370	0.393	0.367	0.430	0.431	0.438	0.405	7.95
30) C	Chloroform	1.062	1.183	1.050	1.169	1.190	1.184	1.140	5.71#
31) T	Cyclohexane		1.293	1.071	1.154	1.197	1.204	1.184	6.82
32) T	1,1,1-Trichlor...	0.957	0.997	0.889	0.988	1.008	0.992	0.972	4.54
33) S	1,2-Dichloroet...		0.904	0.704	0.772	0.816	0.837	0.807	9.25
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.345	0.301	0.327	0.352	0.362	0.337	7.09
36) T	1,1-Dichloropr...	0.449	0.521	0.498	0.551	0.577	0.574	0.528	9.33
37) T	Ethyl Acetate	0.628	0.730	0.681	0.800	0.794	0.788	0.737	9.58
38) T	Carbon Tetrach...	0.468	0.482	0.452	0.513	0.525	0.518	0.493	6.10
39) T	Methylcyclohexane	0.565	0.634	0.546	0.623	0.650	0.657	0.613	7.53
40) TM	Benzene	1.389	1.569	1.509	1.693	1.738	1.692	1.598	8.40
41) T	Methacrylonitrile	0.392	0.410	0.324	0.421	0.375	0.432	0.392	10.04
42) TM	1,2-Dichloroet...	0.553	0.644	0.564	0.637	0.652	0.637	0.614	7.09
43) T	Isopropyl Acetate	1.122	1.219	1.118	1.326	1.346	1.326	1.243	8.48
44) TM	Trichloroethene	0.379	0.382	0.366	0.401	0.407	0.403	0.390	4.20
45) C	1,2-Dichloropr...	0.417	0.564	0.448	0.511	0.519	0.504	0.494	10.72#
46) T	Dibromomethane	0.238	0.310	0.247	0.281	0.283	0.279	0.273	9.61
47) T	Bromodichlorom...	0.523	0.639	0.512	0.643	0.619	0.607	0.591	9.82
48) T	Methyl methacr...	0.466	0.588	0.528	0.632	0.654	0.654	0.587	13.00
49) T	1,4-Dioxane	0.005	0.007	0.006	0.006	0.006	0.007	0.006	12.38
50) S	Toluene-d8		1.453	1.154	1.395	1.406	1.424	1.366	8.83
51) T	4-Methyl-2-Pen...	0.623	0.816	0.695	0.892	0.808	0.677	0.752	13.60
52) CM	Toluene	0.766	0.996	0.861	1.070	1.057	1.026	0.963	12.67#
53) T	t-1,3-Dichloro...	0.534	0.681	0.597	0.731	0.732	0.732	0.668	12.57
54) T	cis-1,3-Dichlo...	0.586	0.757	0.657	0.798	0.775	0.770	0.724	11.51
55) T	1,1,2-Trichlor...	0.352	0.432	0.345	0.425	0.412	0.404	0.395	9.39
56) T	Ethyl methacry...	0.438	0.602	0.535	0.713	0.722	0.730	0.624	19.20

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57)	T	1,3-Dichloropr...	0.606	0.771	0.636	0.781	0.767	0.747	0.718	10.66
58)	T	2-Chloroethyl ...	0.124	0.189	0.167	0.219	0.208	0.233	0.190	20.92
59)	T	2-Hexanone	0.380	0.565	0.502	0.643	0.608	0.548	0.541	17.11
60)	T	Dibromochlorom...	0.338	0.419	0.369	0.443	0.443	0.444	0.409	11.02
61)	T	1,2-Dibromoethane	0.347	0.418	0.352	0.427	0.426	0.424	0.399	9.66
62)	S	4-Bromofluorob...	0.504	0.413	0.491	0.533	0.572	0.503		11.71
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.406	0.472	0.409	0.459	0.439	0.414	0.433	6.45
65)	PM	Chlorobenzene	0.883	1.039	0.959	1.066	1.107	1.095	1.025	8.51
66)	T	1,1,1,2-Tetrac...	0.360	0.395	0.368	0.412	0.425	0.419	0.396	6.92
67)	C	Ethyl Benzene	1.409	1.809	1.777	2.045	2.116	2.012	1.861	13.91#
68)	T	m/p-Xylenes	0.527	0.671	0.651	0.736	0.781	0.775	0.690	13.93
69)	T	o-Xylene	0.570	0.627	0.623	0.699	0.747	0.754	0.670	11.19
70)	T	Styrene	0.762	0.934	1.036	1.183	1.279	1.311	1.084	19.68
71)	P	Bromoform	0.224	0.279	0.282	0.324	0.345	0.360	0.303	16.66
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.520	3.995	3.590	3.995	4.032	3.499	3.772	6.90
74)	T	N-amyl acetate	1.012	1.542	2.011	2.239	2.247	1.810		29.28
75)	P	1,1,2,2-Tetrac...	1.371	1.528	1.267	1.353	1.347	1.323	1.365	6.42
76)	T	1,2,3-Trichlor...	1.134	1.221	1.144	1.147	1.199	1.225	1.178	3.51
77)	T	Bromobenzene	0.867	1.008	0.907	0.962	0.999	0.926	0.945	5.82
78)	T	n-propylbenzene	3.720	4.497	4.172	4.707	4.857	4.167	4.353	9.57
79)	T	2-Chlorotoluene	2.607	2.835	2.605	2.783	2.896	2.645	2.728	4.62
80)	T	1,3,5-Trimethy...	2.637	3.278	3.026	3.327	3.496	3.116	3.147	9.51
81)	T	trans-1,4-Dich...	0.438	0.375	0.465	0.479	0.480	0.447		9.80
82)	T	4-Chlorotoluene	2.237	2.626	2.623	2.859	3.017	2.789	2.692	9.96
83)	T	tert-Butylbenzene	2.311	2.788	2.513	2.799	2.874	2.632	2.653	8.01
84)	T	1,2,4-Trimethy...	2.576	3.125	2.987	3.368	3.475	3.169	3.117	10.18
85)	T	sec-Butylbenzene	2.960	3.563	3.400	3.780	3.999	3.543	3.541	9.98
86)	T	p-Isopropyltol...	2.436	3.044	3.012	3.352	3.600	3.289	3.122	12.80
87)	T	1,3-Dichlorobe...	1.372	1.653	1.572	1.679	1.778	1.759	1.635	9.12
88)	T	1,4-Dichlorobe...	1.774	1.613	1.525	1.638	1.759	1.757	1.678	6.03
89)	T	n-Butylbenzene	2.225	2.515	2.588	2.943	3.275	3.161	2.784	14.65
90)	T	Hexachloroethane	0.449	0.492	0.454	0.509	0.560	0.545	0.501	9.12
91)	T	1,2-Dichlorobe...	1.447	1.552	1.504	1.706	1.748	1.703	1.610	7.77
92)	T	1,2-Dibromo-3-...	0.290	0.281	0.236	0.299	0.298	0.287	0.282	8.25
93)	T	1,2,4-Trichlor...	0.685	0.775	0.825	1.002	1.117	1.112	0.919	19.96
94)	T	Hexachlorobuta...	0.549	0.596	0.519	0.550	0.574	0.537	0.554	4.93
95)	T	Naphthalene	1.904	2.269	2.567	2.968	3.223	3.181	2.685	19.78
96)	T	1,2,3-Trichlor...	0.737	0.840	0.866	1.019	1.113	1.089	0.944	16.04

(#) = Out of Range