

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N051822W.M
 Title : SW846 8260
 Last Update : Wed May 18 16:02:11 2022
 Response Via : Initial Calibration

Calibration Files

1 =VN072537.D 5 =VN072538.D 10 =VN072539.D 20 =VN072540.D 50 =VN072541.D 100 =VN072542.D

	Compound	1	5	10	20	50	100	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.659	0.591	0.564	0.550	0.459	0.611	0.572	11.79
3) P	Chloromethane	0.646	0.491	0.496	0.499	0.391	0.583	0.517	16.92
4) C	Vinyl Chloride	0.424	0.457	0.446	0.435	0.330	0.442	0.422	11.01#
5) T	Bromomethane		0.474	0.419	0.400	0.300	0.389	0.396	15.88
6) T	Chloroethane	0.889	0.507	0.498	0.324	0.308	0.361	0.481	45.22
7) T	Trichlorofluor...	1.070	1.035	1.025	0.986	0.749	0.983	0.975	11.83
8) T	Diethyl Ether	0.268	0.319	0.306	0.295	0.238	0.311	0.289	10.59
9) T	1,1,2-Trichlor...	0.515	0.493	0.480	0.472	0.360	0.464	0.464	11.61
10) T	Methyl Iodide		0.562	0.572	0.620	0.523	0.687	0.593	10.66
11) T	Tert butyl alc...		0.045	0.078	0.078	0.066	0.089	0.071	23.68
12) CM	1,1-Dichloroet...	0.383	0.424	0.452	0.426	0.333	0.430	0.408	10.55#
13) T	Acrolein		0.110	0.097	0.095	0.083	0.109	0.099	11.47
14) T	Allyl chloride	0.660	0.675	0.710	0.697	0.657	0.764	0.694	5.79
15) T	Acrylonitrile	0.284	0.261	0.285	0.281	0.257	0.279	0.274	4.50
16) T	Acetone	0.262	0.228	0.256	0.243	0.187	0.238	0.235	11.41
17) T	Carbon Disulfide	1.207	1.044	1.044	1.041	0.895	1.109	1.057	9.66
18) T	Methyl Acetate	1.025	0.696	0.699	0.656	0.589	0.669	0.722	21.24
19) T	Methyl tert-bu...	1.680	1.627	1.713	1.731	1.557	1.803	1.685	5.08
20) T	Methylene Chlo...	0.756	0.554	0.549	0.508	0.464	0.524	0.559	18.24
21) T	trans-1,2-Dich...	0.475	0.457	0.457	0.463	0.421	0.470	0.457	4.14
22) T	Diisopropyl ether	1.464	1.551	1.570	1.558	1.419	1.606	1.528	4.64
23) T	Vinyl Acetate	1.191	1.284	1.370	1.369	1.261	1.452	1.321	7.08
24) P	1,1-Dichloroet...	0.970	0.973	0.960	0.909	0.825	0.940	0.929	6.04
25) T	2-Butanone	0.595	0.349	0.379	0.372	0.328	0.383	0.401	24.29
26) T	2,2-Dichloropr...	0.902	0.836	0.891	0.899	0.743	0.903	0.862	7.40
27) T	cis-1,2-Dichlo...	0.578	0.594	0.578	0.583	0.481	0.565	0.563	7.36
28) T	Bromochloromet...	0.407	0.360	0.418	0.362	0.353	0.380	0.380	7.06
29) T	Tetrahydrofuran	0.220	0.199	0.231	0.234	0.220	0.240	0.224	6.50
30) C	Chloroform	1.166	1.093	1.099	1.058	0.916	1.049	1.064	7.84#
31) T	Cyclohexane		1.008	0.913	0.840	0.736	0.821	0.863	11.87
32) T	1,1,1-Trichlor...	0.973	0.977	0.993	1.032	0.879	1.036	0.982	5.80
33) S	1,2-Dichloroet...		0.795	0.835	0.766	0.687	0.802	0.777	7.20
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.337	0.347	0.328	0.318	0.357	0.337	4.57
36) T	1,1-Dichloropr...	0.465	0.464	0.447	0.466	0.418	0.496	0.459	5.61
37) T	Ethyl Acetate	0.594	0.461	0.450	0.506	0.417	0.524	0.492	12.84
38) T	Carbon Tetrach...	0.606	0.552	0.583	0.590	0.486	0.593	0.568	7.78
39) T	Methylcyclohexane	0.605	0.498	0.530	0.531	0.475	0.578	0.536	9.05
40) TM	Benzene	1.433	1.321	1.365	1.358	1.208	1.367	1.342	5.57
41) T	Methacrylonitrile	0.268	0.197	0.246	0.246	0.235	0.263	0.242	10.48
42) TM	1,2-Dichloroet...	0.688	0.618	0.639	0.643	0.522	0.626	0.623	8.83
43) T	Isopropyl Acetate	0.821	0.794	0.804	0.826	0.746	0.879	0.812	5.35
44) TM	Trichloroethene	0.394	0.347	0.375	0.387	0.309	0.378	0.365	8.72
45) C	1,2-Dichloropr...	0.351	0.313	0.345	0.346	0.284	0.340	0.330	7.87#
46) T	Dibromomethane	0.255	0.262	0.255	0.248	0.219	0.258	0.249	6.30
47) T	Bromodichlorom...	0.478	0.516	0.529	0.546	0.477	0.572	0.520	7.25
48) T	Methyl methacr...	0.381	0.369	0.359	0.390	0.352	0.469	0.386	11.04
49) T	1,4-Dioxane		0.003	0.003	0.004	0.003	0.004	0.003	17.10
50) S	Toluene-d8		1.244	1.286	1.263	1.223	1.369	1.277	4.42
51) T	4-Methyl-2-Pen...	0.481	0.484	0.520	0.589	0.519	0.620	0.536	10.58
52) CM	Toluene	0.743	0.869	0.889	0.923	0.846	0.950	0.870	8.32#
53) T	t-1,3-Dichloro...	0.529	0.527	0.531	0.571	0.539	0.652	0.558	8.73
54) T	cis-1,3-Dichlo...	0.520	0.507	0.554	0.574	0.535	0.616	0.551	7.25
55) T	1,1,2-Trichlor...	0.367	0.385	0.380	0.383	0.358	0.396	0.378	3.53
56) T	Ethyl methacry...	0.450	0.489	0.535	0.631	0.585	0.707	0.566	16.77

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57)	T	1,3-Dichloropr...	0.642	0.605	0.648	0.650	0.599	0.681	0.638	4.78
58)	T	2-Chloroethyl ...	0.129	0.118	0.141	0.127	0.147	0.168	0.138	12.94
59)	T	2-Hexanone	0.332	0.328	0.368	0.404	0.366	0.435	0.372	11.15
60)	T	Dibromochlorom...	0.388	0.428	0.427	0.439	0.411	0.499	0.432	8.63
61)	T	1,2-Dibromoethane	0.345	0.395	0.382	0.421	0.377	0.433	0.392	8.11
62)	S	4-Bromofluorob...	0.442	0.442	0.483	0.473	0.586	0.485		12.21
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.367	0.346	0.380	0.356	0.302	0.331	0.347	8.05
65)	PM	Chlorobenzene	1.037	1.036	1.028	1.055	0.944	1.049	1.025	3.98
66)	T	1,1,1,2-Tetrac...	0.443	0.417	0.405	0.408	0.372	0.423	0.411	5.73
67)	C	Ethyl Benzene	1.697	1.601	1.816	1.897	1.698	1.933	1.773	7.30#
68)	T	m/p-Xylenes	0.615	0.650	0.679	0.740	0.667	0.746	0.683	7.54
69)	T	o-Xylene	0.666	0.650	0.689	0.748	0.669	0.752	0.696	6.28
70)	T	Styrene	0.858	0.981	1.061	1.173	1.097	1.254	1.071	13.07
71)	P	Bromoform	0.288	0.309	0.339	0.328	0.286	0.349	0.317	8.26
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.663	4.082	4.214	4.549	3.988	4.307	4.134	7.29
74)	T	N-amyl acetate	1.630	1.319	1.353	1.312	1.262	1.386	1.377	9.49
75)	P	1,1,2,2-Tetrac...	1.424	1.379	1.307	1.244	1.029	1.130	1.252	12.04
76)	T	1,2,3-Trichlor...	1.444	1.762	1.742	1.668	1.470	1.552	1.607	8.56
77)	T	Bromobenzene	1.281	1.079	1.009	1.072	0.916	0.995	1.059	11.70
78)	T	n-propylbenzene	4.038	4.315	4.512	4.865	4.490	4.905	4.521	7.28
79)	T	2-Chlorotoluene	3.107	2.984	3.063	3.105	2.929	2.983	3.029	2.43
80)	T	1,3,5-Trimethy...	3.129	3.553	3.636	3.890	3.601	3.701	3.585	7.03
81)	T	trans-1,4-Dich...	0.373	0.360	0.362	0.349	0.368	0.362		2.51
82)	T	4-Chlorotoluene	2.715	2.846	2.854	2.892	2.697	2.924	2.821	3.32
83)	T	tert-Butylbenzene	2.562	3.043	3.205	3.376	2.854	3.230	3.045	9.74
84)	T	1,2,4-Trimethy...	2.958	3.358	3.652	3.855	3.221	3.589	3.439	9.44
85)	T	sec-Butylbenzene	3.385	3.855	4.027	4.360	3.775	4.324	3.954	9.27
86)	T	p-Isopropyltol...	2.661	3.045	3.395	3.634	3.187	3.589	3.252	11.31
87)	T	1,3-Dichlorobe...	1.745	1.804	1.802	1.794	1.556	1.705	1.734	5.51
88)	T	1,4-Dichlorobe...	1.802	1.704	1.697	1.686	1.544	1.689	1.687	4.91
89)	T	n-Butylbenzene	2.261	2.197	2.369	2.684	2.513	2.747	2.462	9.13
90)	T	Hexachloroethane	0.535	0.607	0.592	0.614	0.567	0.575	0.582	5.01
91)	T	1,2-Dichlorobe...	1.948	1.735	1.697	1.798	1.606	1.653	1.740	7.01
92)	T	1,2-Dibromo-3-...	0.191	0.285	0.285	0.271	0.274	0.284	0.265	13.93
93)	T	1,2,4-Trichlor...	0.853	0.609	0.705	0.697	0.830	0.867	0.760	13.78
94)	T	Hexachlorobuta...	0.520	0.546	0.493	0.419	0.461	0.424	0.477	10.77
95)	T	Naphthalene	2.523	1.632	1.848	2.004	2.502	2.707	2.203	19.66
96)	T	1,2,3-Trichlor...	0.928	0.662	0.710	0.716	0.840	0.848	0.784	13.14

(#) = Out of Range