

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N051022W.M
 Title : SW846 8260
 Last Update : Tue May 10 15:43:28 2022
 Response Via : Initial Calibration

Calibration Files

1 =VN072388.D 5 =VN072389.D 10 =VN072390.D 20 =VN072391.D 50 =VN072392.D 100 =VN072393.D

	Compound	1	5	10	20	50	100	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.676	0.640	0.647	0.628	0.569	0.581	0.624	6.54
3) P	Chloromethane	0.876	0.700	0.677	0.623	0.584	0.575	0.672	16.53
4) C	Vinyl Chloride	0.543	0.552	0.562	0.535	0.495	0.499	0.531	5.20#
5) T	Bromomethane		0.356	0.351	0.313	0.279	0.281	0.316	11.51
6) T	Chloroethane	0.492	0.338	0.346	0.295	0.272	0.275	0.336	24.45
7) T	Trichlorofluor...	0.934	1.050	1.067	1.004	0.924	0.926	0.984	6.59
8) T	Diethyl Ether	0.328	0.392	0.359	0.355	0.345	0.351	0.355	5.94
9) T	1,1,2-Trichlor...	0.549	0.574	0.570	0.540	0.496	0.494	0.537	6.49
10) T	Methyl Iodide		0.715	0.700	0.734	0.696	0.714	0.712	2.08
11) T	Tert butyl alc...		0.145	0.127	0.122	0.113	0.119	0.125	9.97
12) CM	1,1-Dichloroet...	0.489	0.550	0.545	0.502	0.466	0.467	0.503	7.31#
13) T	Acrolein		0.144	0.114	0.118	0.117	0.118	0.123	10.05
14) T	Allyl chloride	0.920	0.962	0.972	0.943	0.900	0.924	0.937	2.91
15) T	Acrylonitrile	0.315	0.354	0.358	0.350	0.329	0.334	0.340	4.89
16) T	Acetone	0.329	0.311	0.317	0.306	0.277	0.280	0.303	6.75
17) T	Carbon Disulfide	1.309	1.364	1.376	1.295	1.228	1.257	1.305	4.46
18) T	Methyl Acetate	0.921	0.893	0.962	0.897	0.837	0.848	0.893	5.19
19) T	Methyl tert-bu...	1.737	1.788	1.881	1.858	1.811	1.835	1.818	2.85
20) T	Methylene Chlo...	0.702	0.643	0.670	0.602	0.554	0.560	0.622	9.67
21) T	trans-1,2-Dich...	0.505	0.542	0.583	0.533	0.498	0.498	0.526	6.28
22) T	Diisopropyl ether	1.870	1.891	2.051	1.958	1.803	1.849	1.904	4.64
23) T	Vinyl Acetate	1.431	1.586	1.689	1.650	1.581	1.619	1.593	5.60
24) P	1,1-Dichloroet...	1.069	1.127	1.141	1.072	1.014	1.022	1.074	4.86
25) T	2-Butanone	0.526	0.487	0.479	0.473	0.452	0.455	0.479	5.65
26) T	2,2-Dichloropr...	0.950	0.944	0.938	0.889	0.842	0.853	0.903	5.33
27) T	cis-1,2-Dichlo...	0.637	0.654	0.667	0.639	0.598	0.603	0.633	4.34
28) T	Bromochloromet...	0.448	0.474	0.491	0.422	0.425	0.476	0.456	6.26
29) T	Tetrahydrofuran	0.292	0.318	0.326	0.326	0.304	0.301	0.311	4.51
30) C	Chloroform	1.036	1.174	1.162	1.121	1.032	1.033	1.093	6.15#
31) T	Cyclohexane		1.189	1.078	0.980	0.911	0.915	1.015	11.67
32) T	1,1,1-Trichlor...	0.990	1.018	1.074	1.013	0.952	0.967	1.002	4.34
33) S	1,2-Dichloroet...		0.805	0.860	0.730	0.672	0.762	0.766	9.37
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.355	0.352	0.315	0.310	0.331	0.333	6.17
36) T	1,1-Dichloropr...	0.485	0.458	0.510	0.476	0.475	0.463	0.478	3.88
37) T	Ethyl Acetate	0.494	0.612	0.622	0.601	0.560	0.550	0.573	8.43
38) T	Carbon Tetrach...	0.529	0.550	0.562	0.535	0.522	0.510	0.535	3.50
39) T	Methylcyclohexane	0.470	0.522	0.549	0.560	0.560	0.561	0.537	6.75
40) TM	Benzene	1.345	1.510	1.527	1.440	1.389	1.352	1.427	5.49
41) T	Methacrylonitrile	0.244	0.321	0.253	0.300	0.272	0.314	0.284	11.34
42) TM	1,2-Dichloroet...	0.567	0.625	0.600	0.580	0.546	0.523	0.574	6.40
43) T	Isopropyl Acetate	0.828	0.876	0.939	0.903	0.868	0.870	0.880	4.24
44) TM	Trichloroethene	0.349	0.394	0.372	0.365	0.348	0.345	0.362	5.21
45) C	1,2-Dichloropr...	0.312	0.386	0.391	0.378	0.366	0.353	0.364	7.97#
46) T	Dibromomethane	0.240	0.264	0.274	0.259	0.249	0.237	0.254	5.64
47) T	Bromodichlorom...	0.474	0.518	0.551	0.537	0.513	0.512	0.517	5.06
48) T	Methyl methacr...	0.366	0.387	0.402	0.446	0.431	0.432	0.411	7.49
49) T	1,4-Dioxane	0.006	0.007	0.008	0.007	0.007	0.007	0.007	8.39
50) S	Toluene-d8		1.245	1.378	1.209	1.208	1.294	1.267	5.62
51) T	4-Methyl-2-Pen...	0.439	0.562	0.575	0.585	0.565	0.554	0.547	9.87
52) CM	Toluene	0.763	0.912	0.925	0.913	0.896	0.873	0.880	6.83#
53) T	t-1,3-Dichloro...	0.459	0.520	0.541	0.531	0.552	0.556	0.527	6.74
54) T	cis-1,3-Dichlo...	0.466	0.559	0.588	0.587	0.587	0.585	0.562	8.62
55) T	1,1,2-Trichlor...	0.351	0.378	0.392	0.380	0.354	0.345	0.367	5.22
56) T	Ethyl methacry...	0.396	0.498	0.546	0.556	0.578	0.580	0.525	13.37

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57)	T	1,3-Dichloropr...	0.580	0.639	0.652	0.644	0.622	0.609	0.624	4.26
58)	T	2-Chloroethyl ...	0.061	0.089	0.094	0.114	0.127	0.152	0.106	30.06
59)	T	2-Hexanone	0.311	0.372	0.395	0.413	0.408	0.402	0.383	10.04
60)	T	Dibromochlorom...	0.341	0.402	0.403	0.395	0.397	0.399	0.389	6.12
61)	T	1,2-Dibromoethane	0.322	0.383	0.373	0.375	0.369	0.370	0.365	5.98
62)	S	4-Bromofluorob...		0.386	0.433	0.406	0.412	0.465	0.421	7.17
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.378	0.386	0.370	0.367	0.331	0.328	0.360	6.76
65)	PM	Chlorobenzene	1.009	1.043	1.083	1.035	0.982	0.977	1.022	3.93
66)	T	1,1,1,2-Tetrac...	0.432	0.410	0.445	0.394	0.384	0.388	0.409	6.12
67)	C	Ethyl Benzene	1.512	1.725	1.874	1.835	1.791	1.838	1.763	7.55#
68)	T	m/p-Xylenes	0.555	0.644	0.709	0.711	0.689	0.703	0.668	9.11
69)	T	o-Xylene	0.523	0.616	0.718	0.702	0.684	0.697	0.657	11.33
70)	T	Styrene	0.762	0.919	1.047	1.081	1.085	1.134	1.005	13.85
71)	P	Bromoform	0.276	0.304	0.316	0.300	0.304	0.310	0.302	4.53
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.675	4.187	4.541	4.303	4.126	4.021	4.142	7.00
74)	T	N-amyl acetate	1.385	1.407	1.540	1.505	1.455	1.492	1.464	4.08
75)	P	1,1,2,2-Tetrac...	1.811	1.649	1.604	1.427	1.304	1.227	1.504	14.82
76)	T	1,2,3-Trichlor...	1.333	1.497	1.399	1.282	1.184	1.130	1.304	10.42
77)	T	Bromobenzene	1.008	1.045	1.041	0.990	0.949	0.914	0.991	5.24
78)	T	n-propylbenzene	3.977	4.235	4.608	4.649	4.572	4.554	4.432	6.04
79)	T	2-Chlorotoluene	2.708	3.046	3.168	2.941	2.846	2.763	2.912	5.99
80)	T	1,3,5-Trimethy...	2.739	3.462	3.752	3.537	3.513	3.352	3.392	10.20
81)	T	trans-1,4-Dich...		0.385	0.410	0.373	0.394	0.393	0.391	3.47
82)	T	4-Chlorotoluene	2.659	2.808	2.907	2.759	2.702	2.722	2.759	3.20
83)	T	tert-Butylbenzene	2.420	3.014	3.203	3.156	3.054	2.973	2.970	9.52
84)	T	1,2,4-Trimethy...	2.764	3.287	3.598	3.474	3.384	3.294	3.300	8.72
85)	T	sec-Butylbenzene	3.313	3.925	4.203	4.129	4.124	4.071	3.961	8.35
86)	T	p-Isopropyltol...	2.266	2.990	3.310	3.285	3.353	3.307	3.085	13.69
87)	T	1,3-Dichlorobe...	1.675	1.796	1.803	1.686	1.657	1.638	1.709	4.19
88)	T	1,4-Dichlorobe...	1.847	1.750	1.741	1.648	1.603	1.613	1.700	5.61
89)	T	n-Butylbenzene	2.001	2.193	2.350	2.395	2.555	2.656	2.358	10.10
90)	T	Hexachloroethane	0.649	0.621	0.630	0.604	0.603	0.592	0.617	3.41
91)	T	1,2-Dichlorobe...	1.805	1.676	1.784	1.738	1.655	1.584	1.707	4.91
92)	T	1,2-Dibromo-3-...	0.195	0.270	0.300	0.267	0.270	0.268	0.261	13.31
93)	T	1,2,4-Trichlor...	0.593	0.504	0.620	0.664	0.727	0.772	0.647	14.89
94)	T	Hexachlorobuta...	0.474	0.454	0.457	0.408	0.410	0.364	0.428	9.61
95)	T	Naphthalene	1.700	1.304	1.588	1.858	2.271	2.512	1.872	23.91
96)	T	1,2,3-Trichlor...	0.599	0.559	0.579	0.661	0.735	0.755	0.648	12.81

(#) = Out of Range