

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N042721W.M
 Title : SW846 8260
 Last Update : Tue Apr 27 16:02:50 2021
 Response Via : Initial Calibration

Calibration Files

1 =VN066772.D 5 =VN066773.D 20 =VN066774.D 40 =VN066779.D 50 =VN066775.D 100 =VN066776.D

	Compound	1	5	20	40	50	100	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.483	0.595	0.515	0.518	0.560	0.579	0.542	7.96
3) P	Chloromethane	0.793	0.781	0.647	0.635	0.695	0.717	0.711	9.27
4) C	Vinyl Chloride	0.650	0.754	0.654	0.655	0.712	0.742	0.695	6.87#
5) T	Bromomethane		0.507	0.426	0.425	0.453	0.456	0.453	7.33
6) T	Chloroethane	0.397	0.490	0.418	0.413	0.442	0.434	0.432	7.54
7) T	Trichlorofluor...	0.791	0.926	0.787	0.793	0.840	0.876	0.835	6.76
8) T	Diethyl Ether	0.304	0.363	0.322	0.323	0.352	0.369	0.339	7.78
9) T	1,1,2-Trichlor...	0.466	0.548	0.463	0.477	0.497	0.515	0.494	6.67
10) T	Methyl Iodide		0.761	0.712	0.679	0.786	0.835	0.755	8.10
11) T	Tert butyl alc...		0.111	0.086	0.093	0.100	0.106	0.099	9.98
12) CM	1,1-Dichloroet...	0.456	0.549	0.470	0.472	0.516	0.539	0.500	7.92#
13) T	Acrolein		0.106	0.074	0.066	0.084	0.084	0.083	17.98
14) T	Allyl chloride	0.879	1.008	0.859	0.897	0.977	1.021	0.940	7.47
15) T	Acrylonitrile	0.207	0.276	0.242	0.258	0.290	0.303	0.263	13.26
16) T	Acetone	0.267	0.241	0.201	0.267	0.236	0.242	0.242	10.00
17) T	Carbon Disulfide	1.482	1.652	1.433	1.449	1.562	1.634	1.535	6.16
18) T	Methyl Acetate	1.072	0.776	0.584	0.585	0.653	0.673	0.724	25.51
19) T	Methyl tert-bu...	1.579	1.794	1.605	1.642	1.786	1.874	1.714	7.02
20) T	Methylene Chlo...	0.619	0.692	0.560	0.563	0.611	0.639	0.614	8.07
21) T	trans-1,2-Dich...	0.461	0.583	0.512	0.521	0.563	0.590	0.538	9.20
22) T	Diisopropyl ether	1.601	1.986	1.782	1.820	1.975	2.087	1.875	9.37
23) T	Vinyl Acetate	1.258	1.613	1.479	1.544	1.695	1.773	1.560	11.63
24) P	1,1-Dichloroet...	0.921	1.152	0.984	0.982	1.077	1.117	1.039	8.67
25) T	2-Butanone	0.280	0.350	0.308	0.353	0.367	0.387	0.341	11.67
26) T	2,2-Dichloropr...	0.828	0.951	0.821	0.859	0.897	0.934	0.882	6.18
27) T	cis-1,2-Dichlo...	0.552	0.673	0.584	0.596	0.651	0.678	0.623	8.40
28) T	Bromochloromet...	0.422	0.505	0.448	0.474	0.480	0.530	0.477	8.12
29) T	Tetrahydrofuran	0.197	0.243	0.215	0.228	0.251	0.262	0.233	10.51
30) C	Chloroform	0.895	1.109	0.960	0.961	1.043	1.082	1.008	8.19#
31) T	Cyclohexane		1.165	0.893	0.912	0.979	1.018	0.993	10.90
32) T	1,1,1-Trichlor...	0.820	0.912	0.808	0.814	0.888	0.929	0.862	6.29
33) S	1,2-Dichloroet...		0.702	0.596	0.611	0.628	0.676	0.642	6.95
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.323	0.281	0.301	0.308	0.331	0.309	6.34
36) T	1,1-Dichloropr...	0.431	0.474	0.423	0.464	0.484	0.510	0.465	7.04
37) T	Ethyl Acetate	0.553	0.464	0.428	0.478	0.515	0.524	0.493	9.17
38) T	Carbon Tetrach...	0.412	0.477	0.408	0.432	0.463	0.482	0.446	7.31
39) T	Methylcyclohexane	0.444	0.550	0.516	0.578	0.586	0.624	0.550	11.50
40) TM	Benzene	1.266	1.514	1.367	1.424	1.514	1.567	1.442	7.78
41) T	Methacrylonitrile	0.196	0.240	0.230	0.210	0.253	0.218	0.224	9.37
42) TM	1,2-Dichloroet...	0.441	0.512	0.455	0.477	0.509	0.528	0.487	7.16
43) T	Isopropyl Acetate	0.643	0.830	0.725	0.785	0.838	0.883	0.784	11.16
44) TM	Trichloroethene	0.299	0.375	0.329	0.349	0.369	0.385	0.351	9.25
45) C	1,2-Dichloropr...	0.351	0.405	0.360	0.374	0.400	0.420	0.385	7.10#
46) T	Dibromomethane	0.197	0.244	0.223	0.235	0.250	0.262	0.235	9.73
47) T	Bromodichlorom...	0.422	0.519	0.462	0.486	0.519	0.548	0.493	9.24
48) T	Methyl methacr...	0.256	0.320	0.313	0.360	0.385	0.417	0.342	16.85
49) T	1,4-Dioxane	0.004	0.005	0.005	0.006	0.006	0.006	0.005	19.62
50) S	Toluene-d8		1.276	1.112	1.193	1.190	1.287	1.211	5.94
51) T	4-Methyl-2-Pen...	0.289	0.428	0.404	0.445	0.483	0.507	0.426	17.98
52) CM	Toluene	0.736	0.887	0.826	0.873	0.923	0.958	0.867	9.03#
53) T	t-1,3-Dichloro...	0.411	0.518	0.493	0.545	0.578	0.618	0.527	13.64
54) T	cis-1,3-Dichlo...	0.495	0.582	0.559	0.601	0.635	0.672	0.591	10.42
55) T	1,1,2-Trichlor...	0.271	0.347	0.317	0.336	0.357	0.371	0.333	10.67
56) T	Ethyl methacry...	0.261	0.414	0.427	0.500	0.536	0.582	0.453	25.14

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57)	T	1,3-Dichloropr...	0.482	0.583	0.539	0.571	0.609	0.636	0.570	9.50
58)	T	2-Chloroethyl ...	0.066	0.091	0.092	0.100	0.117	0.144	0.102	25.99
59)	T	2-Hexanone	0.089	0.203	0.243	0.304	0.322	0.358	0.253	38.69
60)	T	Dibromochlorom...	0.293	0.365	0.342	0.367	0.396	0.414	0.363	11.64
61)	T	1,2-Dibromoethane	0.249	0.338	0.321	0.342	0.368	0.386	0.334	14.26
62)	S	4-Bromofluorob...	0.380	0.362	0.421	0.418	0.468	0.410		10.04
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.317	0.350	0.310	0.325	0.336	0.346	0.331	4.81
65)	PM	Chlorobenzene	0.879	1.068	0.949	0.995	1.051	1.092	1.006	8.05
66)	T	1,1,1,2-Tetrac...	0.324	0.397	0.361	0.368	0.395	0.405	0.375	8.15
67)	C	Ethyl Benzene	1.379	1.771	1.696	1.819	1.914	2.004	1.764	12.32#
68)	T	m/p-Xylenes	0.437	0.649	0.631	0.693	0.716	0.757	0.647	17.42
69)	T	o-Xylene	0.492	0.670	0.617	0.666	0.697	0.734	0.646	13.10
70)	T	Styrene	0.643	0.835	0.943	1.067	1.133	1.235	0.976	22.05
71)	P	Bromoform	0.182	0.266	0.253	0.284	0.310	0.335	0.272	19.55
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.005	3.932	3.658	3.581	3.894	3.921	3.665	9.70
74)	T	N-amyl acetate			0.341	0.705	1.040	1.376	0.866	51.34
75)	P	1,1,2,2-Tetrac...	1.049	1.360	1.172	1.160	1.253	1.242	1.206	8.73
76)	T	1,2,3-Trichlor...	0.844	1.076	0.998	1.042	1.164	1.199	1.054	12.08
77)	T	Bromobenzene	0.783	0.941	0.890	0.873	0.953	0.985	0.904	8.01
78)	T	n-propylbenzene	2.869	4.145	4.000	4.184	4.454	4.601	4.042	15.22
79)	T	2-Chlorotoluene	2.316	2.808	2.489	2.454	2.635	2.727	2.571	7.16
80)	T	1,3,5-Trimethy...	2.544	3.283	3.040	3.053	3.262	3.384	3.094	9.76
81)	T	trans-1,4-Dich...		0.218	0.259	0.304	0.369	0.420	0.314	25.91
82)	T	4-Chlorotoluene	1.870	2.615	2.420	2.510	2.651	2.821	2.481	13.25
83)	T	tert-Butylbenzene	2.397	2.836	2.587	2.539	2.727	2.819	2.651	6.51
84)	T	1,2,4-Trimethy...	2.257	2.971	2.839	2.924	3.172	3.323	2.914	12.61
85)	T	sec-Butylbenzene	2.680	3.545	3.366	3.487	3.692	3.857	3.438	11.87
86)	T	p-Isopropyltol...	2.187	2.960	2.854	3.053	3.238	3.415	2.951	14.38
87)	T	1,3-Dichlorobe...	1.342	1.530	1.469	1.529	1.633	1.722	1.537	8.54
88)	T	1,4-Dichlorobe...	1.771	1.627	1.468	1.582	1.599	1.757	1.634	7.01
89)	T	n-Butylbenzene	2.259	2.325	2.272	2.518	2.724	2.993	2.515	11.71
90)	T	Hexachloroethane	0.618	0.679	0.553	0.576	0.623	0.657	0.618	7.69
91)	T	1,2-Dichlorobe...	1.405	1.663	1.495	1.520	1.609	1.658	1.558	6.56
92)	T	1,2-Dibromo-3-...	0.209	0.284	0.183	0.190	0.211	0.220	0.216	16.59
93)	T	1,2,4-Trichlor...	0.698	0.842	0.792	0.900	0.943	1.004	0.863	12.70
94)	T	Hexachlorobuta...	0.479	0.516	0.447	0.463	0.478	0.489	0.479	4.90
95)	T	Naphthalene	1.885	2.133	2.023	2.321	2.390	2.572	2.221	11.42
96)	T	1,2,3-Trichlor...	0.739	0.861	0.768	0.833	0.872	0.934	0.834	8.57

(#) = Out of Range