

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N060721W.M
 Title : SW846 8260
 Last Update : Mon Jun 07 16:11:37 2021
 Response Via : Initial Calibration

Calibration Files

5 =VN067250.D 10 =VN067251.D 20 =VN067252.D 50 =VN067253.D 100 =VN067254.D 150 =VN067255.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.502	0.458	0.459	0.470	0.439	0.414	0.457	6.44
3) P	Chloromethane	0.862	0.768	0.784	0.762	0.598	0.534	0.718	17.35
4) C	Vinyl Chloride	1.798	1.671	1.711	1.749	1.384	1.094	1.568	17.48#
5) T	Bromomethane	1.684	1.494	1.582	1.458	1.092	0.707	1.336	27.54
6) T	Chloroethane	1.646	1.358	1.451	1.415	1.038	0.849	1.293	22.71
7) T	Trichlorofluor...	4.230	3.750	3.843	3.663	2.928	2.317	3.455	20.27
8) T	Diethyl Ether	0.427	0.328	0.346	0.540	0.480	0.361	0.414	20.31
9) T	1,1,2-Trichlor...	0.464	0.427	0.434	0.419	0.363	0.317	0.404	13.31
10) T	Methyl Iodide	0.552	0.453	0.508	0.546	0.507	0.464	0.505	8.06
11) T	Tert butyl alc...	0.110	0.107	0.103	0.109	0.101	0.100	0.105	3.97
12) CM	1,1-Dichloroet...	0.485	0.418	0.427	0.425	0.366	0.328	0.408	13.32#
13) T	Acrolein	0.065	0.060	0.062	0.065	0.059	0.054	0.061	7.34
14) T	Allyl chloride	0.898	0.796	0.794	0.814	0.736	0.705	0.790	8.44
15) T	Acrylonitrile	0.258	0.240	0.242	0.259	0.240	0.248	0.248	3.62
16) T	Acetone	0.273	0.209	0.212	0.206	0.178	0.156	0.206	19.23
17) T	Carbon Disulfide	1.397	1.222	1.237	1.256	1.125	1.047	1.214	9.88
18) T	Methyl Acetate	0.745	0.689	0.696	0.698	0.630	0.585	0.674	8.43
19) T	Methyl tert-bu...	1.716	1.491	1.607	1.678	1.613	1.800	1.651	6.41
20) T	Methylene Chlo...	0.611	0.542	0.545	0.547	0.493	0.497	0.539	7.93
21) T	trans-1,2-Dich...	0.568	0.482	0.500	0.533	0.517	0.586	0.531	7.46
22) T	Diisopropyl ether	1.817	1.521	1.612	1.804	2.154	1.953	1.810	12.64
23) T	Vinyl Acetate	1.717	1.327	1.588	1.783	2.052	1.875	1.724	14.45
24) P	1,1-Dichloroet...	1.104	0.971	1.004	1.071	0.994	0.977	1.020	5.33
25) T	2-Butanone	0.423	0.374	0.390	0.423	0.394	0.384	0.398	5.11
26) T	2,2-Dichloropr...	1.029	0.915	0.945	1.025	0.953	0.952	0.970	4.82
27) T	cis-1,2-Dichlo...	0.657	0.607	0.634	0.693	0.657	0.672	0.653	4.62
28) T	Bromochloromet...	0.577	0.510	0.481	0.540	0.596	0.576	0.547	8.15
29) T	Tetrahydrofuran	0.245	0.227	0.237	0.265	0.276	0.254	0.251	7.22
30) C	Chloroform	1.145	1.014	1.082	1.193	1.248	1.208	1.148	7.57#
31) T	Cyclohexane	1.183	0.891	0.850	0.914	0.865	0.823	0.921	14.34
32) T	1,1,1-Trichlor...	1.037	0.914	0.985	1.119	1.142	1.102	1.050	8.38
33) S	1,2-Dichloroet...	0.791	0.556	0.655	0.743	0.783	0.762	0.715	12.88
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.335	0.226	0.270	0.293	0.337	0.337	0.300	15.22
36) T	1,1-Dichloropr...	0.440	0.395	0.432	0.474	0.494	0.473	0.451	7.98
37) T	Ethyl Acetate	0.480	0.450	0.431	0.450	0.477	0.460	0.458	3.99
38) T	Carbon Tetrach...	0.468	0.409	0.436	0.489	0.544	0.520	0.478	10.65
39) T	Methylcyclohexane	0.539	0.463	0.493	0.550	0.575	0.548	0.528	7.89
40) TM	Benzene	1.391	1.226	1.303	1.483	1.655	1.503	1.427	10.75
41) T	Methacrylonitrile	0.239	0.210	0.206	0.239	0.265	0.253	0.236	9.87
42) TM	1,2-Dichloroet...	0.492	0.420	0.449	0.510	0.553	0.517	0.490	9.88
43) T	Isopropyl Acetate	0.862	0.785	0.818	0.904	0.929	0.846	0.857	6.24
44) TM	Trichloroethene	0.367	0.295	0.328	0.365	0.388	0.365	0.351	9.55
45) C	1,2-Dichloropr...	0.351	0.338	0.343	0.374	0.385	0.363	0.359	5.14#
46) T	Dibromomethane	0.251	0.223	0.242	0.268	0.311	0.287	0.264	12.01
47) T	Bromodichlorom...	0.509	0.441	0.486	0.539	0.571	0.534	0.513	8.86
48) T	Methyl methacr...	0.382	0.327	0.346	0.382	0.438	0.385	0.377	10.13
49) T	1,4-Dioxane	0.006	0.005	0.005	0.006	0.007	0.007	0.006	15.97
50) S	Toluene-d8	1.380	0.945	1.142	1.431	1.777	1.627	1.384	22.10
51) T	4-Methyl-2-Pen...	0.520	0.469	0.493	0.590	0.684	0.591	0.558	14.25
52) CM	Toluene	0.929	0.782	0.866	1.175	1.409	1.200	1.060	22.59#
53) T	t-1,3-Dichloro...	0.556	0.502	0.555	0.696	0.797	0.706	0.635	18.00
54) T	cis-1,3-Dichlo...	0.596	0.531	0.575	0.646	0.743	0.678	0.628	12.19
55) T	1,1,2-Trichlor...	0.350	0.321	0.338	0.416	0.483	0.417	0.387	15.93
56) T	Ethyl methacry...	0.540	0.493	0.539	0.682	0.831	0.718	0.634	20.73

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57)	T	1,3-Dichloropr...	0.594	0.531	0.568	0.680	0.755	0.662	0.632	13.03
58)	T	2-Chloroethyl ...	0.097	0.110	0.120	0.145	0.185	0.173	0.138	25.50
59)	T	2-Hexanone	0.373	0.324	0.350	0.449	0.491	0.423	0.402	15.84
60)	T	Dibromochlorom...	0.369	0.336	0.361	0.504	0.597	0.516	0.447	23.73
61)	T	1,2-Dibromoethane	0.350	0.312	0.338	0.447	0.515	0.439	0.400	19.73
62)	S	4-Bromofluorob...	0.429	0.307	0.370	0.672	0.714	0.650	0.524	33.49
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.361	0.310	0.328	0.344	0.348	0.326	0.336	5.45
65)	PM	Chlorobenzene	1.029	0.905	0.942	1.151	1.209	1.143	1.063	11.63
66)	T	1,1,1,2-Tetrac...	0.374	0.319	0.356	0.448	0.456	0.429	0.397	13.96
67)	C	Ethyl Benzene	1.899	1.672	1.759	2.198	2.219	2.066	1.969	11.61#
68)	T	m/p-Xylenes	0.719	0.636	0.692	0.982	0.923	0.848	0.800	17.29
69)	T	o-Xylene	0.670	0.611	0.680	0.948	0.905	0.863	0.780	18.28
70)	T	Styrene	1.109	0.991	1.103	1.677	1.636	1.559	1.346	23.02
71)	P	Bromoform	0.266	0.233	0.267	0.421	0.425	0.399	0.335	26.48
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.384	3.800	3.727	3.714	4.022	4.016	3.944	6.47
74)	T	N-amyl acetate	1.886	1.544	1.492	1.377	1.517	1.486	1.550	11.23
75)	P	1,1,2,2-Tetrac...	1.278	1.085	1.079	0.976	1.047	1.030	1.082	9.56
76)	T	1,2,3-Trichlor...	1.084	0.866	0.953	0.948	0.902	0.898	0.942	8.21
77)	T	Bromobenzene	0.919	0.779	0.818	0.827	0.883	0.881	0.851	6.10
78)	T	n-propylbenzene	4.985	4.107	4.231	4.303	4.550	4.498	4.446	7.01
79)	T	2-Chlorotoluene	2.827	2.328	2.462	2.781	2.893	2.858	2.692	8.79
80)	T	1,3,5-Trimethy...	3.564	3.117	3.102	3.411	3.517	3.480	3.365	6.08
81)	T	trans-1,4-Dich...	0.409	0.346	0.348	0.376	0.420	0.419	0.386	8.86
82)	T	4-Chlorotoluene	2.807	2.371	2.368	2.565	2.652	2.620	2.564	6.66
83)	T	tert-Butylbenzene	3.159	2.633	2.708	2.835	2.973	2.977	2.881	6.73
84)	T	1,2,4-Trimethy...	3.570	2.965	3.191	3.435	3.503	3.448	3.352	6.83
85)	T	sec-Butylbenzene	4.263	3.641	3.812	4.152	4.176	4.132	4.030	6.08
86)	T	p-Isopropyltol...	3.689	3.100	3.226	3.582	3.696	3.698	3.499	7.61
87)	T	1,3-Dichlorobe...	1.650	1.436	1.538	1.741	1.790	1.773	1.655	8.60
88)	T	1,4-Dichlorobe...	1.694	1.460	1.498	1.752	1.786	1.748	1.656	8.50
89)	T	n-Butylbenzene	3.292	2.706	2.827	3.022	3.157	3.174	3.030	7.41
90)	T	Hexachloroethane	0.620	0.513	0.540	0.561	0.579	0.576	0.565	6.46
91)	T	1,2-Dichlorobe...	1.586	1.372	1.497	1.695	1.730	1.696	1.596	8.75
92)	T	1,2-Dibromo-3-...	0.224	0.204	0.201	0.200	0.221	0.215	0.211	5.08
93)	T	1,2,4-Trichlor...	0.826	0.662	0.668	0.665	0.839	0.839	0.750	12.42
94)	T	Hexachlorobuta...	0.382	0.302	0.325	0.300	0.359	0.344	0.335	9.69
95)	T	Naphthalene	2.470	1.896	1.910	1.900	2.474	2.516	2.194	14.62
96)	T	1,2,3-Trichlor...	0.771	0.630	0.635	0.603	0.784	0.795	0.703	12.67

(#) = Out of Range