

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N011822W.M
 Title : SW846 8260
 Last Update : Tue Jan 18 13:32:07 2022
 Response Via : Initial Calibration

Calibration Files

1 =VN070661.D 5 =VN070662.D 20 =VN070663.D 50 =VN070664.D 100 =VN070665.D 150 =VN070666.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.622	0.580	0.553	0.560	0.588	0.564	0.578	4.34
3) P	Chloromethane	0.949	0.855	0.809	0.803	0.843	0.808	0.845	6.55
4) C	Vinyl Chloride	0.831	0.799	0.776	0.788	0.822	0.803	0.803	2.56#
5) T	Bromomethane		0.467	0.452	0.414	0.428	0.331	0.418	12.69
6) T	Chloroethane	0.630	0.473	0.469	0.478	0.493	0.465	0.501	12.72
7) T	Trichlorofluor...	0.929	0.924	0.913	0.891	0.927	0.921	0.918	1.54
8) T	Diethyl Ether	0.395	0.364	0.405	0.386	0.440	0.415	0.401	6.39
9) T	1,1,2-Trichlor...	0.587	0.516	0.568	0.524	0.603	0.528	0.555	6.59
10) T	Methyl Iodide		0.608	0.683	0.728	0.785	0.772	0.715	10.08
11) T	Tert butyl alc...		0.124	0.113	0.125	0.140	0.145	0.129	10.01
12) CM	1,1-Dichloroet...	0.578	0.505	0.562	0.519	0.612	0.543	0.553	7.09#
13) T	Acrolein		0.173	0.189	0.171	0.205	0.188	0.185	7.52
14) T	Allyl chloride	1.059	1.141	1.177	1.229	1.322	1.304	1.205	8.33
15) T	Acrylonitrile	0.381	0.388	0.402	0.421	0.441	0.435	0.411	6.10
16) T	Acetone	0.531	0.407	0.531	0.499	0.540	0.475	0.497	10.17
17) T	Carbon Disulfide	1.536	1.374	1.405	1.491	1.602	1.605	1.502	6.51
18) T	Methyl Acetate	1.080	0.959	0.920	0.945	0.994	0.970	0.978	5.72
19) T	Methyl tert-bu...	1.842	1.867	1.954	2.010	2.108	2.075	1.976	5.47
20) T	Methylene Chlo...	0.693	0.643	0.637	0.635	0.669	0.654	0.655	3.39
21) T	trans-1,2-Dich...	0.533	0.536	0.548	0.561	0.589	0.574	0.557	3.98
22) T	Diisopropyl ether	2.219	2.299	2.434	2.420	2.516	2.446	2.389	4.55
23) T	Vinyl Acetate	1.803	1.846	2.030	2.101	2.218	2.152	2.025	8.29
24) P	1,1-Dichloroet...	1.158	1.143	1.180	1.191	1.267	1.231	1.195	3.88
25) T	2-Butanone	0.573	0.579	0.638	0.648	0.666	0.651	0.626	6.35
26) T	2,2-Dichloropr...	0.902	0.841	0.886	0.915	0.984	0.969	0.916	5.84
27) T	cis-1,2-Dichlo...	0.630	0.645	0.649	0.659	0.700	0.685	0.661	3.96
28) T	Bromochloromet...	0.517	0.528	0.516	0.519	0.571	0.569	0.536	4.88
29) T	Tetrahydrofuran	0.346	0.361	0.387	0.396	0.408	0.402	0.383	6.41
30) C	Chloroform	2.122	1.282	1.175	1.132	1.188	1.151	1.342	28.74#
31) T	Cyclohexane		1.360	1.231	1.210	1.278	1.230	1.262	4.77
32) T	1,1,1-Trichlor...	0.860	0.871	0.915	0.935	0.999	0.984	0.927	6.12
33) S	1,2-Dichloroet...		0.707	0.672	0.716	0.745	0.742	0.717	4.14
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.300	0.288	0.315	0.327	0.321	0.310	5.17
36) T	1,1-Dichloropr...	0.509	0.482	0.519	0.523	0.558	0.542	0.522	5.04
37) T	Ethyl Acetate	0.644	0.646	0.707	0.711	0.731	0.719	0.693	5.47
38) T	Carbon Tetrach...	0.429	0.434	0.457	0.472	0.505	0.490	0.464	6.52
39) T	Methylcyclohexane	0.585	0.592	0.626	0.666	0.713	0.686	0.645	8.07
40) TM	Benzene	1.580	1.566	1.622	1.619	1.687	1.633	1.618	2.64
41) T	Methacrylonitrile	0.316	0.324	0.366	0.352	0.391	0.368	0.353	8.12
42) TM	1,2-Dichloroet...	0.554	0.543	0.559	0.560	0.581	0.569	0.561	2.31
43) T	Isopropyl Acetate	0.938	0.974	1.049	1.084	1.161	1.148	1.059	8.54
44) TM	Trichloroethene	0.355	0.346	0.360	0.370	0.390	0.381	0.367	4.56
45) C	1,2-Dichloropr...	0.424	0.417	0.439	0.443	0.465	0.454	0.440	4.10#
46) T	Dibromomethane	0.235	0.245	0.259	0.261	0.272	0.263	0.256	5.29
47) T	Bromodichlorom...	0.532	0.465	0.505	0.524	0.561	0.552	0.523	6.65
48) T	Methyl methacr...	0.418	0.420	0.502	0.538	0.575	0.574	0.504	14.22
49) T	1,4-Dioxane	0.007	0.007	0.007	0.008	0.008	0.008	0.008	8.88
50) S	Toluene-d8		1.267	1.242	1.314	1.370	1.340	1.307	4.00
51) T	4-Methyl-2-Pen...	0.567	0.624	0.681	0.709	0.744	0.728	0.676	10.04
52) CM	Toluene	0.898	0.905	0.976	0.987	1.038	1.004	0.968	5.76#
53) T	t-1,3-Dichloro...	0.442	0.474	0.546	0.593	0.653	0.660	0.561	16.18
54) T	cis-1,3-Dichlo...	0.531	0.540	0.617	0.660	0.712	0.704	0.627	12.59
55) T	1,1,2-Trichlor...	0.366	0.364	0.376	0.381	0.400	0.393	0.380	3.76
56) T	Ethyl methacry...	0.488	0.551	0.623	0.678	0.746	0.749	0.639	16.57

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57)	T	1,3-Dichloropr...	0.605	0.640	0.675	0.687	0.723	0.709	0.673	6.57
58)	T	2-Chloroethyl ...	0.107	0.114	0.132	0.166	0.188	0.199	0.151	25.80
59)	T	2-Hexanone	0.386	0.426	0.505	0.537	0.558	0.533	0.491	14.05
60)	T	Dibromochlorom...	0.289	0.300	0.349	0.373	0.406	0.410	0.355	14.59
61)	T	1,2-Dibromoethane	0.345	0.349	0.376	0.390	0.418	0.411	0.382	8.02
62)	S	4-Bromofluorob...		0.417	0.406	0.477	0.519	0.509	0.466	11.16
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.395	0.366	0.378	0.361	0.362	0.338	0.367	5.15
65)	PM	Chlorobenzene	1.058	1.041	1.073	1.079	1.148	1.101	1.083	3.48
66)	T	1,1,1,2-Tetrac...	0.344	0.354	0.375	0.380	0.401	0.384	0.373	5.64
67)	C	Ethyl Benzene	1.878	1.867	2.024	2.063	2.169	2.050	2.008	5.78#
68)	T	m/p-Xylenes	0.644	0.684	0.745	0.761	0.794	0.756	0.731	7.61
69)	T	o-Xylene	0.637	0.675	0.730	0.754	0.795	0.760	0.725	8.10
70)	T	Styrene	0.927	1.014	1.173	1.242	1.333	1.271	1.160	13.62
71)	P	Bromoform	0.234	0.243	0.275	0.297	0.328	0.314	0.282	13.50
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.642	4.784	4.759	4.522	4.866	4.808	4.730	2.66
74)	T	N-amyl acetate	1.703	1.699	1.860	1.997	2.177	2.169	1.934	11.15
75)	P	1,1,2,2-Tetrac...	1.864	1.640	1.615	1.515	1.524	1.427	1.598	9.45
76)	T	1,2,3-Trichlor...	1.463	1.396	1.312	1.207	1.365	1.214	1.326	7.69
77)	T	Bromobenzene	1.071	1.056	1.054	1.024	1.100	1.058	1.061	2.34
78)	T	n-propylbenzene	4.798	4.993	5.303	5.282	5.742	5.622	5.290	6.79
79)	T	2-Chlorotoluene	3.331	3.349	3.366	3.213	3.451	3.368	3.346	2.31
80)	T	1,3,5-Trimethy...	3.585	3.739	3.918	3.746	4.040	3.923	3.825	4.31
81)	T	trans-1,4-Dich...		0.356	0.405	0.447	0.512	0.505	0.445	14.94
82)	T	4-Chlorotoluene	2.834	3.052	3.136	3.122	3.379	3.237	3.127	5.84
83)	T	tert-Butylbenzene	3.163	3.302	3.313	3.261	3.534	3.406	3.330	3.82
84)	T	1,2,4-Trimethy...	3.283	3.579	3.803	3.684	3.947	3.766	3.677	6.22
85)	T	sec-Butylbenzene	3.827	4.429	4.544	4.558	4.997	4.807	4.527	8.84
86)	T	p-Isopropyltol...	2.961	3.305	3.596	3.664	3.999	3.812	3.556	10.46
87)	T	1,3-Dichlorobe...	1.720	1.696	1.757	1.769	1.861	1.783	1.764	3.25
88)	T	1,4-Dichlorobe...	1.864	1.688	1.683	1.715	1.822	1.763	1.756	4.23
89)	T	n-Butylbenzene	2.470	2.530	2.742	3.030	3.455	3.375	2.934	14.38
90)	T	Hexachloroethane	0.543	0.587	0.602	0.621	0.700	0.676	0.622	9.35
91)	T	1,2-Dichlorobe...	1.864	1.675	1.742	1.697	1.770	1.711	1.743	3.90
92)	T	1,2-Dibromo-3-...	0.277	0.234	0.254	0.268	0.293	0.300	0.271	9.02
93)	T	1,2,4-Trichlor...	0.558	0.570	0.737	0.845	0.955	0.980	0.774	23.82
94)	T	Hexachlorobuta...	0.555	0.501	0.515	0.514	0.517	0.495	0.516	4.04
95)	T	Naphthalene	1.197	1.199	1.792	2.279	2.699	2.838	2.001	36.04
96)	T	1,2,3-Trichlor...	0.512	0.546	0.702	0.822	0.913	0.932	0.738	24.55

(#) = Out of Range