

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N092018W.M
 Title : SW846 8260
 Last Update : Fri Sep 21 04:23:57 2018
 Response Via : Initial Calibration

Calibration Files

1 =VN051336.D 5 =VN051337.D 20 =VN051338.D
 50 =VN051339.D 100 =VN051340.D 150 =VN051341.D

	Compound	1	5	20	50	100	150	Avq	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.487	0.450	0.403	0.390	0.399	0.378	0.418	10.01
3) P	Chloromethane	0.818	0.635	0.528	0.534	0.537	0.504	0.593	20.11
4) C	Vinyl Chloride	0.647	0.627	0.568	0.570	0.571	0.550	0.589	6.56#
5) T	Bromomethane	0.513	0.401	0.385	0.384	0.395	0.386	0.411	12.31
6) T	Chloroethane	0.398	0.375	0.352	0.349	0.356	0.342	0.362	5.81
7) T	Trichlorofluorome	0.923	0.890	0.818	0.806	0.827	0.788	0.842	6.27
8) T	Diethyl Ether	0.267	0.273	0.256	0.268	0.280	0.273	0.269	2.91
9) T	1,1,2-Trichlorotr	0.602	0.540	0.494	0.490	0.499	0.475	0.517	9.08
10) T	Methyl Iodide		0.664	0.714	0.792	0.836	0.816	0.765	9.53
11) T	Tert butyl alcoho		0.030	0.027	0.027	0.030	0.029	0.029	4.85
12) CM	1,1-Dichloroethen	0.518	0.470	0.443	0.456	0.469	0.450	0.468	5.70#
13) T	Acrolein		0.023	0.033	0.035	0.037	0.037	0.033	17.67
14) T	Allyl chloride	0.694	0.629	0.622	0.652	0.691	0.667	0.659	4.60
15) T	Acrylonitrile	0.143	0.147	0.140	0.145	0.151	0.146	0.146	2.56
16) T	Acetone	0.163	0.120	0.096	0.093	0.100	0.096	0.111	24.42
17) T	Carbon Disulfide	1.609	1.409	1.323	1.365	1.398	1.352	1.409	7.27
18) T	Methyl Acetate	0.643	0.379	0.323	0.313	0.326	0.311	0.383	34.00
19) T	Methyl tert-butyl	1.066	1.061	1.100	1.163	1.218	1.183	1.132	5.80
20) T	Methylene Chlorid	0.672	0.578	0.534	0.524	0.528	0.507	0.557	10.95
21) T	trans-1,2-Dichlor	0.507	0.498	0.479	0.491	0.506	0.483	0.494	2.34
22) T	Diisopropyl ether	1.201	1.232	1.339	1.361	1.376	1.305	1.302	5.47
23) T	Vinyl Acetate	0.731	0.787	0.842	0.889	0.919	0.885	0.842	8.47
24) P	1,1-Dichloroethan	0.966	0.927	0.851	0.863	0.877	0.841	0.888	5.51
25) T	2-Butanone	0.167	0.163	0.148	0.147	0.155	0.148	0.155	5.66
26) T	2,2-Dichloropropa	0.813	0.755	0.700	0.707	0.728	0.698	0.733	6.09
27) T	cis-1,2-Dichloroe	0.555	0.526	0.534	0.548	0.569	0.552	0.547	2.87
28) T	Bromochloromethan	0.351	0.369	0.370	0.368	0.379	0.371	0.368	2.52
29) T	Tetrahydrofuran	0.099	0.091	0.097	0.099	0.102	0.099	0.098	3.76
30) C	Chloroform	1.051	0.981	0.901	0.891	0.906	0.867	0.933	7.42#
31) T	Cyclohexane	1.341	0.802	0.751	0.781	0.798	0.767	0.873	26.35
32) T	1,1,1-Trichloroet	0.866	0.819	0.785	0.783	0.802	0.768	0.804	4.36
33) S	1,2-Dichloroethan		0.677	0.524	0.499	0.518	0.491	0.542	14.13
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.476	0.391	0.381	0.398	0.374	0.404	10.27
36) T	1,1-Dichloroprope	0.515	0.489	0.492	0.518	0.540	0.515	0.511	3.67
37) T	Ethyl Acetate	0.236	0.252	0.254	0.254	0.266	0.256	0.253	3.80
38) T	Carbon Tetrachlor	0.573	0.562	0.532	0.543	0.568	0.541	0.553	3.03
39) T	Methylcyclohexane	0.506	0.536	0.565	0.635	0.680	0.659	0.597	11.86
40) TM	Benzene	1.488	1.556	1.524	1.562	1.594	1.522	1.541	2.42
41) T	Methacrylonitrile	0.125	0.109	0.133	0.136	0.148	0.141	0.132	10.22
42) TM	1,2-Dichloroethan	0.479	0.482	0.456	0.458	0.469	0.449	0.466	2.84
43) T	Isopropyl Acetate	0.322	0.466	0.456	0.461	0.485	0.470	0.443	13.57
44) TM	Trichloroethene	0.444	0.448	0.424	0.437	0.459	0.442	0.442	2.65
45) C	1,2-Dichloropropa	0.380	0.413	0.389	0.392	0.405	0.387	0.394	3.13#
46) T	Dibromomethane	0.244	0.250	0.242	0.240	0.246	0.237	0.243	1.84
47) T	Bromodichlorometh	0.528	0.510	0.510	0.514	0.537	0.512	0.519	2.20
48) T	Methyl methacryla	0.204	0.218	0.209	0.235	0.249	0.241	0.226	8.09
49) T	1,4-Dioxane	0.003	0.003	0.003	0.003	0.004	0.004	0.003	10.13
50) S	Toluene-d8		1.841	1.476	1.463	1.532	1.455	1.553	10.52
51) T	4-Methyl-2-Pentan	0.191	0.231	0.246	0.252	0.263	0.248	0.239	10.76
52) CM	Toluene	0.770	0.921	0.964	0.996	1.044	0.998	0.949	10.18#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.420	0.461	0.479	0.515	0.563	0.550	0.498	11.00
54) T	cis-1,3-Dichlorop	0.462	0.552	0.574	0.610	0.639	0.622	0.576	11.15
55) T	1,1,2-Trichloroet	0.377	0.367	0.347	0.348	0.356	0.340	0.356	3.89
56) T	Ethyl methacrylat	0.250	0.326	0.376	0.416	0.451	0.436	0.376	20.27
57) T	1,3-Dichloropropa	0.526	0.555	0.554	0.570	0.589	0.571	0.561	3.82
58) T	2-Chloroethyl Vin	0.120	0.147	0.192	0.207	0.223	0.219	0.185	22.72
59) T	2-Hexanone	0.140	0.160	0.158	0.165	0.176	0.165	0.161	7.52
60) T	Dibromochlorometh	0.399	0.406	0.401	0.414	0.442	0.428	0.415	4.11
61) T	1,2-Dibromoethane	0.325	0.337	0.330	0.345	0.364	0.352	0.342	4.23
62) S	4-Bromofluorobenz		0.560	0.470	0.476	0.523	0.498	0.505	7.31
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.425	0.438	0.435	0.437	0.449	0.432	0.436	1.77
65) PM	Chlorobenzene	1.170	1.193	1.163	1.197	1.243	1.202	1.195	2.38
66) T	1,1,1,2-Tetrachlo	0.466	0.465	0.438	0.449	0.461	0.449	0.455	2.43
67) C	Ethyl Benzene	1.561	1.730	1.836	1.985	2.082	2.019	1.869	10.60#
68) T	m/p-Xylenes	0.562	0.674	0.744	0.800	0.827	0.798	0.734	13.69
69) T	o-Xylene	0.561	0.653	0.710	0.758	0.795	0.769	0.708	12.41
70) T	Styrene	0.757	0.965	1.124	1.222	1.289	1.233	1.099	18.40
71) P	Bromoform	0.277	0.307	0.303	0.314	0.329	0.323	0.309	5.92
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.493	3.645	3.649	3.762	3.822	3.617	3.664	3.15
74) T	N-amyl acetate	0.845	0.750	0.751	0.773	0.811	0.774	0.784	4.73
75) P	1,1,2,2-Tetrachlo	1.192	1.019	0.860	0.815	0.798	0.743	0.904	18.73
76) T	1,2,3-Trichloropr	0.971	0.864	0.738	0.689	0.633	0.652	0.758	17.58
77) T	Bromobenzene	1.095	1.051	0.981	0.988	1.004	0.957	1.012	5.04
78) T	n-propylbenzene	3.543	3.936	3.991	4.196	4.257	4.047	3.995	6.33
79) T	2-Chlorotoluene	2.482	2.544	2.446	2.465	2.484	2.350	2.462	2.60
80) T	1,3,5-Trimethylbe	2.458	2.943	3.093	3.162	3.175	2.993	2.971	9.00
81) T	trans-1,4-Dichlor	0.197	0.231	0.212	0.222	0.240	0.236	0.223	7.24
82) T	4-Chlorotoluene	2.156	2.391	2.419	2.474	2.518	2.400	2.393	5.26
83) T	tert-Butylbenzene	2.370	2.653	2.678	2.769	2.817	2.667	2.659	5.85
84) T	1,2,4-Trimethylbe	2.287	2.844	3.116	3.186	3.212	3.046	2.948	11.87
85) T	sec-Butylbenzene	2.942	3.557	3.617	3.708	3.778	3.615	3.536	8.53
86) T	p-Isopropyltoluen	2.345	2.884	3.157	3.341	3.453	3.284	3.077	13.26
87) T	1,3-Dichlorobenze	1.676	1.748	1.636	1.707	1.753	1.691	1.702	2.60
88) T	1,4-Dichlorobenze	1.644	1.674	1.581	1.651	1.696	1.652	1.650	2.34
89) T	n-Butylbenzene	1.806	2.171	2.292	2.608	2.780	2.697	2.392	15.56
90) T	Hexachloroethane	0.829	0.725	0.606	0.603	0.603	0.587	0.659	14.78
91) T	1,2-Dichlorobenze	1.674	1.707	1.616	1.632	1.661	1.572	1.644	2.89
92) T	1,2-Dibromo-3-Chl	0.133	0.129	0.113	0.112	0.116	0.115	0.120	7.53
93) T	1,2,4-Trichlorobe	0.436	0.522	0.698	0.860	0.987	1.019	0.754	32.17
94) T	Hexachlorobutadie	0.716	0.657	0.605	0.626	0.625	0.600	0.638	6.77
95) T	Naphthalene	0.760	0.759	1.148	1.532	1.835	1.938	1.329	39.11
96) T	1,2,3-Trichlorobe	0.484	0.564	0.719	0.844	0.931	0.956	0.750	26.03

(#) = Out of Range