

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N010519W.M
 Title : SW846 8260
 Last Update : Mon Jan 07 09:34:27 2019
 Response Via : Initial Calibration

Calibration Files

1 =VN053285.D 5 =VN053286.D 20 =VN053287.D
 50 =VN053288.D 100 =VN053289.D 150 =VN053290.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.413	0.406	0.454	0.454	0.455	0.464	0.441	5.62
3) P	Chloromethane	0.650	0.599	0.602	0.602	0.605	0.635	0.616	3.49
4) C	Vinyl Chloride	0.571	0.588	0.586	0.588	0.596	0.598	0.588	1.63#
5) T	Bromomethane	0.417	0.369	0.369	0.369	0.380	0.401	0.384	5.30
6) T	Chloroethane	0.396	0.347	0.346	0.341	0.347	0.350	0.355	5.72
7) T	Trichlorofluorome	0.813	0.755	0.745	0.741	0.759	0.753	0.761	3.46
8) T	Diethyl Ether	0.305	0.289	0.286	0.297	0.306	0.306	0.298	2.97
9) T	1,1,2-Trichlorotr	0.519	0.479	0.471	0.466	0.481	0.477	0.482	3.91
10) T	Methyl Iodide		0.572	0.635	0.691	0.726	0.757	0.676	10.90
11) T	Tert butyl alcoho		0.031	0.031	0.033	0.029	0.032	0.031	4.47
12) CM	1,1-Dichloroethen	0.486	0.449	0.456	0.461	0.473	0.474	0.467	2.86#
13) T	Acrolein		0.041	0.035	0.038	0.042	0.041	0.039	7.39
14) T	Allyl chloride	0.786	0.736	0.747	0.722	0.759	0.762	0.752	2.98
15) T	Acrylonitrile	0.178	0.185	0.183	0.189	0.191	0.193	0.187	2.96
16) T	Acetone	0.178	0.136	0.126	0.126	0.124	0.125	0.136	15.56
17) T	Carbon Disulfide	1.523	1.368	1.375	1.407	1.461	1.496	1.438	4.51
18) T	Methyl Acetate	0.608	0.450	0.418	0.433	0.458	0.458	0.471	14.68
19) T	Methyl tert-butyl	1.350	1.259	1.257	1.304	1.342	1.343	1.309	3.27
20) T	Methylene Chlorid	0.656	0.548	0.532	0.531	0.538	0.547	0.559	8.64
21) T	trans-1,2-Dichlor	0.509	0.487	0.493	0.495	0.510	0.511	0.501	2.10
22) T	Diisopropyl ether	1.648	1.600	1.591	1.618	1.631	1.631	1.620	1.33
23) T	Vinyl Acetate	0.965	0.978	0.989	1.040	1.071	1.072	1.019	4.69
24) P	1,1-Dichloroethan	0.949	0.941	0.900	0.925	0.947	0.943	0.934	2.00
25) T	2-Butanone	0.228	0.211	0.205	0.213	0.212	0.213	0.213	3.64
26) T	2,2-Dichloropropa	0.715	0.671	0.651	0.668	0.692	0.700	0.683	3.45
27) T	cis-1,2-Dichloroe	0.564	0.569	0.560	0.571	0.584	0.584	0.572	1.76
28) T	Bromochloromethan	0.356	0.407	0.400	0.411	0.407	0.407	0.398	5.31
29) T	Tetrahydrofuran	0.149	0.134	0.138	0.142	0.142	0.142	0.141	3.62
30) C	Chloroform	0.962	0.931	0.891	0.906	0.913	0.914	0.920	2.66#
31) T	Cyclohexane	1.636	0.991	0.872	0.872	0.885	0.888	1.024	29.62
32) T	1,1,1-Trichloroet	0.786	0.747	0.737	0.757	0.783	0.787	0.766	2.85
33) S	1,2-Dichloroethan		0.539	0.527	0.512	0.511	0.512	0.520	2.42
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.277	0.281	0.283	0.289	0.294	0.285	2.46
36) T	1,1-Dichloroprope	0.469	0.449	0.458	0.463	0.480	0.483	0.467	2.82
37) T	Ethyl Acetate	0.286	0.302	0.301	0.308	0.313	0.314	0.304	3.41
38) T	Carbon Tetrachlor	0.410	0.417	0.421	0.433	0.448	0.456	0.431	4.24
39) T	Methylcyclohexane	0.516	0.521	0.537	0.541	0.562	0.569	0.541	3.92
40) TM	Benzene	1.417	1.414	1.406	1.422	1.447	1.450	1.426	1.28
41) T	Methacrylonitrile	0.185	0.184	0.194	0.175	0.197	0.197	0.189	4.61
42) TM	1,2-Dichloroethan	0.426	0.422	0.421	0.418	0.426	0.425	0.423	0.78
43) T	Isopropyl Acetate	0.756	0.593	0.545	0.556	0.568	0.569	0.598	13.20
44) TM	Trichloroethene	0.406	0.379	0.384	0.388	0.396	0.395	0.392	2.48
45) C	1,2-Dichloropropa	0.368	0.367	0.371	0.373	0.382	0.384	0.374	1.96#
46) T	Dibromomethane	0.213	0.215	0.215	0.220	0.222	0.223	0.218	1.90
47) T	Bromodichlorometh	0.452	0.435	0.446	0.453	0.467	0.472	0.454	2.99
48) T	Methyl methacryla	0.256	0.254	0.266	0.278	0.285	0.291	0.272	5.65
49) T	1,4-Dioxane	0.003	0.003	0.003	0.003	0.003	0.003	0.003	8.64
50) S	Toluene-d8		1.187	1.267	1.221	1.220	1.245	1.228	2.44
51) T	4-Methyl-2-Pentan	0.283	0.288	0.301	0.309	0.310	0.314	0.301	4.26
52) CM	Toluene	0.840	0.837	0.881	0.889	0.894	0.909	0.875	3.40#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.426	0.425	0.449	0.477	0.497	0.515	0.465	8.08
54) T	cis-1,3-Dichlorop	0.494	0.502	0.533	0.551	0.566	0.578	0.537	6.34
55) T	1,1,2-Trichloroet	0.331	0.318	0.317	0.319	0.319	0.325	0.322	1.68
56) T	Ethyl methacrylat	0.362	0.382	0.408	0.438	0.452	0.467	0.418	9.86
57) T	1,3-Dichloropropa	0.508	0.532	0.537	0.539	0.552	0.559	0.538	3.35
58) T	2-Chloroethyl Vin	0.195	0.215	0.229	0.234	0.239	0.245	0.226	8.14
59) T	2-Hexanone	0.188	0.198	0.206	0.214	0.213	0.217	0.206	5.47
60) T	Dibromochlorometh	0.316	0.326	0.340	0.357	0.365	0.378	0.347	6.79
61) T	1,2-Dibromoethane	0.301	0.300	0.312	0.323	0.328	0.340	0.317	5.01
62) S	4-Bromofluorobenz		0.408	0.432	0.424	0.432	0.453	0.430	3.76
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.495	0.467	0.473	0.475	0.468	0.446	0.471	3.34
65) PM	Chlorobenzene	1.123	1.061	1.061	1.086	1.090	1.096	1.086	2.15
66) T	1,1,1,2-Tetrachlo	0.378	0.365	0.373	0.383	0.392	0.389	0.380	2.63
67) C	Ethyl Benzene	1.802	1.769	1.813	1.879	1.900	1.910	1.846	3.16#
68) T	m/p-Xylenes	0.641	0.666	0.697	0.716	0.720	0.724	0.694	4.88
69) T	o-Xylene	0.652	0.649	0.673	0.694	0.703	0.705	0.679	3.67
70) T	Stvrene	0.999	1.030	1.106	1.150	1.174	1.177	1.106	6.86
71) P	Bromoform	0.241	0.256	0.258	0.277	0.287	0.292	0.269	7.37
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.667	3.659	3.794	3.789	3.691	3.736	3.723	1.60
74) T	N-amyl acetate	1.032	1.063	1.102	1.157	1.157	1.159	1.112	4.96
75) P	1,1,2,2-Tetrachlo	0.935	0.864	0.844	0.839	0.826	0.830	0.856	4.75
76) T	1,2,3-Trichloropr	0.836	0.725	0.712	0.710	0.698	0.695	0.729	7.31
77) T	Bromobenzene	0.998	0.997	1.006	0.991	0.975	0.995	0.994	1.04
78) T	n-propylbenzene	4.038	4.061	4.274	4.320	4.249	4.323	4.211	3.05
79) T	2-Chlorotoluene	2.546	2.558	2.591	2.552	2.506	2.534	2.548	1.11
80) T	1,3,5-Trimethylbe	2.844	2.936	3.073	3.051	3.022	3.066	2.999	3.03
81) T	trans-1,4-Dichlor	0.207	0.222	0.239	0.265	0.270	0.285	0.248	12.18
82) T	4-Chlorotoluene	2.587	2.617	2.599	2.616	2.609	2.648	2.613	0.79
83) T	tert-Butylbenzene	2.652	2.589	2.652	2.632	2.615	2.645	2.631	0.95
84) T	1,2,4-Trimethylbe	2.891	3.000	3.088	3.110	3.088	3.152	3.055	3.09
85) T	sec-Butylbenzene	3.276	3.418	3.530	3.514	3.509	3.569	3.470	3.08
86) T	p-Isopropyltoluen	2.705	2.921	3.035	3.085	3.106	3.172	3.004	5.62
87) T	1,3-Dichlorobenze	1.824	1.718	1.705	1.733	1.753	1.765	1.750	2.43
88) T	1,4-Dichlorobenze	1.808	1.729	1.686	1.711	1.730	1.749	1.736	2.38
89) T	n-Butylbenzene	2.448	2.295	2.463	2.554	2.633	2.718	2.519	5.94
90) T	Hexachloroethane	0.441	0.434	0.468	0.492	0.515	0.539	0.481	8.61
91) T	1,2-Dichlorobenze	1.729	1.604	1.628	1.644	1.627	1.602	1.639	2.86
92) T	1,2-Dibromo-3-Chl	0.103	0.098	0.106	0.110	0.103	0.104	0.104	3.66
93) T	1,2,4-Trichlorobe	0.502	0.445	0.512	0.545	0.537	0.550	0.515	7.58
94) T	Hexachlorobutadie	0.445	0.422	0.428	0.432	0.409	0.394	0.421	4.27
95) T	Naphthalene	0.816	0.706	0.853	0.946	0.968	0.987	0.879	12.34
96) T	1,2,3-Trichlorobe	0.349	0.278	0.329	0.350	0.353	0.364	0.337	9.24

(#) = Out of Range