

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\
 Method File : 82N110918W.M
 Title : SW846 8260
 Last Update : Mon Nov 12 00:34:27 2018
 Response Via : Initial Calibration

Calibration Files

1 =VN052224.D 5 =VN052225.D 20 =VN052226.D
 50 =VN052227.D 100 =VN052228.D 150 =VN052229.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.558	0.498	0.542	0.535	0.553	0.575	0.544	4.83
3) P	Chloromethane	0.856	0.731	0.731	0.730	0.749	0.757	0.759	6.42
4) C	Vinyl Chloride	0.671	0.624	0.624	0.615	0.624	0.636	0.632	3.21#
5) T	Bromomethane	0.503	0.404	0.374	0.373	0.373	0.380	0.401	12.83
6) T	Chloroethane	0.479	0.363	0.354	0.343	0.355	0.359	0.375	13.59
7) T	Trichlorofluorome	1.048	0.890	0.840	0.831	0.840	0.833	0.880	9.67
8) T	Diethyl Ether	0.423	0.339	0.320	0.325	0.337	0.332	0.346	11.12
9) T	1,1,2-Trichlorotr	0.684	0.585	0.538	0.521	0.528	0.532	0.565	11.07
10) T	Methyl Iodide		0.656	0.698	0.728	0.783	0.799	0.733	8.07
11) T	Tert butyl alcoho		0.033	0.037	0.039	0.035	0.031	0.035	8.52
12) CM	1,1-Dichloroethen	0.588	0.551	0.486	0.494	0.506	0.512	0.523	7.50#
13) T	Acrolein		0.017	0.051	0.048	0.062	0.059	0.047	38.30
14) T	Allyl chloride	1.329	1.077	0.977	1.044	1.058	1.082	1.094	11.07
15) T	Acrylonitrile	0.215	0.211	0.212	0.220	0.225	0.210	0.215	2.78
16) T	Acetone	0.276	0.228	0.176	0.179	0.175	0.161	0.199	22.10
17) T	Carbon Disulfide	1.695	1.376	1.408	1.453	1.558	1.608	1.516	8.21
18) T	Methyl Acetate	0.762	0.536	0.515	0.547	0.551	0.517	0.571	16.55
19) T	Methyl tert-butyl	1.543	1.505	1.453	1.455	1.521	1.483	1.493	2.43
20) T	Methylene Chlorid	0.760	0.629	0.587	0.587	0.587	0.589	0.623	11.09
21) T	trans-1,2-Dichlor	0.632	0.598	0.544	0.540	0.549	0.546	0.568	6.69
22) T	Diisopropyl ether	2.452	2.158	2.116	2.117	2.158	2.162	2.194	5.85
23) T	Vinyl Acetate	1.484	1.436	1.475	1.523	1.575	1.540	1.505	3.33
24) P	1,1-Dichloroethan	1.352	1.188	1.099	1.087	1.106	1.120	1.159	8.74
25) T	2-Butanone	0.348	0.310	0.273	0.280	0.283	0.256	0.292	11.19
26) T	2,2-Dichloropropa	1.029	0.796	0.781	0.796	0.830	0.846	0.846	10.97
27) T	cis-1,2-Dichloroe	0.674	0.654	0.615	0.618	0.627	0.627	0.636	3.68
28) T	Bromochloromethan	0.574	0.602	0.562	0.565	0.572	0.561	0.573	2.67
29) T	Tetrahydrofuran	0.250	0.160	0.184	0.186	0.188	0.171	0.190	16.63
30) C	Chloroform	1.265	1.114	1.039	1.041	1.057	1.063	1.097	7.92#
31) T	Cyclohexane	2.518	1.290	1.090	1.044	1.059	1.068	1.345	43.28
32) T	1,1,1-Trichloroet	0.947	0.876	0.863	0.863	0.902	0.913	0.894	3.70
33) S	1,2-Dichloroethan		0.694	0.709	0.665	0.676	0.676	0.684	2.53
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.319	0.331	0.319	0.329	0.322	0.324	1.68
36) T	1,1-Dichloroprope	0.585	0.492	0.475	0.487	0.492	0.497	0.505	7.91
37) T	Ethyl Acetate	0.487	0.330	0.364	0.366	0.382	0.349	0.380	14.65
38) T	Carbon Tetrachlor	0.480	0.451	0.434	0.447	0.467	0.465	0.457	3.53
39) T	Methylcyclohexane	0.612	0.556	0.549	0.569	0.587	0.581	0.576	4.01
40) TM	Benzene	1.628	1.434	1.384	1.401	1.421	1.403	1.445	6.33
41) T	Methacrylonitrile	0.277	0.200	0.234	0.204	0.211	0.197	0.221	13.88
42) TM	1,2-Dichloroethan	0.623	0.511	0.462	0.475	0.490	0.481	0.507	11.70
43) T	Isopropyl Acetate	0.705	0.636	0.636	0.653	0.686	0.653	0.662	4.27
44) TM	Trichloroethene	0.436	0.348	0.333	0.348	0.353	0.354	0.362	10.18
45) C	1,2-Dichloropropa	0.469	0.383	0.387	0.391	0.398	0.394	0.404	8.01#
46) T	Dibromomethane	0.249	0.235	0.226	0.224	0.231	0.226	0.232	4.09
47) T	Bromodichlorometh	0.556	0.444	0.452	0.462	0.483	0.484	0.480	8.45
48) T	Methyl methacryla	0.399	0.342	0.325	0.340	0.352	0.334	0.349	7.50
49) T	1,4-Dioxane	0.004	0.003	0.003	0.003	0.002	0.002	0.003	16.59
50) S	Toluene-d8		1.216	1.318	1.245	1.284	1.276	1.268	3.06
51) T	4-Methyl-2-Pentan	0.396	0.353	0.358	0.365	0.377	0.343	0.365	5.15
52) CM	Toluene	0.950	0.862	0.832	0.848	0.871	0.868	0.872	4.69#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.457	0.418	0.439	0.482	0.522	0.527	0.474	9.33
54) T	cis-1,3-Dichlorop	0.584	0.518	0.523	0.558	0.584	0.591	0.560	5.77
55) T	1,1,2-Trichloroet	0.359	0.314	0.302	0.304	0.311	0.300	0.315	7.07
56) T	Ethyl methacrylat	0.473	0.365	0.406	0.426	0.452	0.433	0.426	8.83
57) T	1,3-Dichloropropa	0.655	0.538	0.540	0.540	0.562	0.548	0.564	8.03
58) T	2-Chloroethyl Vin	0.212	0.233	0.234	0.245	0.251	0.240	0.236	5.78
59) T	2-Hexanone	0.281	0.263	0.248	0.254	0.261	0.232	0.257	6.39
60) T	Dibromochlorometh	0.292	0.287	0.309	0.328	0.350	0.351	0.320	8.76
61) T	1,2-Dibromoethane	0.338	0.295	0.298	0.303	0.316	0.309	0.310	5.09
62) S	4-Bromofluorobenz		0.377	0.404	0.405	0.432	0.430	0.410	5.47
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.416	0.338	0.334	0.340	0.338	0.334	0.350	9.30
65) PM	Chlorobenzene	1.201	1.041	1.012	1.021	1.044	1.037	1.059	6.65
66) T	1,1,1,2-Tetrachlo	0.375	0.340	0.347	0.358	0.367	0.366	0.359	3.70
67) C	Ethyl Benzene	2.049	1.774	1.781	1.837	1.874	1.867	1.864	5.37#
68) T	m/p-Xylenes	0.764	0.663	0.663	0.685	0.698	0.690	0.694	5.35
69) T	o-Xylene	0.668	0.665	0.640	0.672	0.673	0.659	0.663	1.84
70) T	Styrene	1.080	1.003	1.051	1.094	1.103	1.096	1.071	3.58
71) P	Bromoform	0.202	0.179	0.207	0.224	0.239	0.234	0.214	10.53
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.588	4.209	4.007	3.892	3.885	3.943	4.087	6.67
74) T	N-amyl acetate	1.597	1.388	1.444	1.489	1.532	1.452	1.484	4.93
75) P	1,1,2,2-Tetrachlo	1.208	1.061	1.000	0.930	0.930	0.883	1.002	11.86
76) T	1,2,3-Trichloropr	0.960	0.902	0.868	0.850	0.848	0.881	0.885	4.74
77) T	Bromobenzene	1.140	0.972	0.934	0.903	0.895	0.896	0.957	9.90
78) T	n-propylbenzene	5.450	4.665	4.675	4.599	4.626	4.707	4.787	6.83
79) T	2-Chlorotoluene	3.239	2.799	2.692	2.621	2.624	2.663	2.773	8.57
80) T	1,3,5-Trimethylbe	3.636	3.237	3.187	3.140	3.121	3.181	3.251	5.95
81) T	trans-1,4-Dichlor	0.251	0.212	0.244	0.273	0.293	0.282	0.259	11.39
82) T	4-Chlorotoluene	3.058	2.822	2.692	2.660	2.704	2.760	2.783	5.27
83) T	tert-Butylbenzene	3.269	2.892	2.751	2.708	2.690	2.717	2.838	7.87
84) T	1,2,4-Trimethylbe	3.612	3.282	3.200	3.183	3.180	3.209	3.277	5.12
85) T	sec-Butylbenzene	4.235	3.829	3.819	3.819	3.780	3.868	3.892	4.38
86) T	p-Isopropyltoluen	3.417	3.193	3.211	3.212	3.220	3.282	3.256	2.61
87) T	1,3-Dichlorobenze	1.929	1.616	1.614	1.636	1.593	1.604	1.666	7.80
88) T	1,4-Dichlorobenze	1.941	1.653	1.606	1.597	1.600	1.607	1.667	8.13
89) T	n-Butylbenzene	2.946	2.757	2.748	2.929	2.966	3.048	2.899	4.16
90) T	Hexachloroethane	0.624	0.533	0.536	0.549	0.586	0.600	0.571	6.54
91) T	1,2-Dichlorobenze	1.943	1.606	1.584	1.564	1.544	1.511	1.625	9.80
92) T	1,2-Dibromo-3-Chl	0.146	0.148	0.140	0.147	0.141	0.133	0.142	3.85
93) T	1,2,4-Trichlorobe	0.486	0.518	0.659	0.706	0.722	0.765	0.643	17.81
94) T	Hexachlorobutadie	0.375	0.353	0.344	0.337	0.342	0.343	0.349	3.94
95) T	Naphthalene	1.341	1.238	1.604	1.769	1.780	1.773	1.584	15.14
96) T	1,2,3-Trichlorobe	0.577	0.512	0.600	0.636	0.644	0.676	0.608	9.55

(#) = Out of Range