

Method Path : W:\HPCHEM1\MSV0A_N\METHODS\
 Method File : 82N091515W.M
 Title : SW846 8260
 Last Update : Tue Sep 15 21:12:09 2015
 Response Via : Initial Calibration

Calibration Files

1 =VN027175.D 5 =VN027169.D 20 =VN027170.D
 50 =VN027171.D 100 =VN027172.D 200 =VN027173.D

	Compound	1	5	20	50	100	200	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.711	0.561	0.560	0.586	0.578	0.593	0.598	9.53
3) T	Chlorodifluoromet	0.713	0.689	0.678	0.656	0.670	0.747	0.692	4.78
4) P	Chloromethane	0.968	0.706	0.654	0.658	0.647	0.690	0.720	17.16
5) C	Vinyl Chloride	0.827	0.688	0.671	0.682	0.677	0.694	0.707	8.44#
6) T	Bromomethane	0.477	0.322	0.323	0.336	0.342	0.359	0.360	16.40
7) T	Chloroethane	0.590	0.489	0.444	0.459	0.448	0.452	0.480	11.68
8) T	Trichlorofluorome	1.248	1.058	1.025	1.046	1.006	1.021	1.067	8.48
9) T	Diethyl Ether	0.590	0.463	0.467	0.481	0.469	0.477	0.491	9.96
10) T	1,1,2-Trichlorotr	0.781	0.669	0.644	0.656	0.634	0.639	0.670	8.27
11) T	Methyl Iodide	0.609	0.595	0.644	0.696	0.685	0.680	0.652	6.53
12) T	Tert butyl alcoho		0.114	0.097	0.101	0.096	0.093	0.100	7.94
13) CM	1,1-Dichloroethen	0.746	0.637	0.616	0.628	0.605	0.621	0.642	8.08#
14) T	Acrolein		0.118	0.113	0.119	0.119	0.120	0.118	2.28
15) T	Allyl chloride	1.474	1.323	1.215	1.287	1.260	1.222	1.297	7.39
16) T	Acrylonitrile	0.319	0.303	0.313	0.345	0.341	0.344	0.328	5.50
17) T	Acetone	0.221	0.285	0.289	0.300	0.287	0.276	0.276	10.29
18) T	Carbon Disulfide	2.642	2.038	1.926	1.981	1.952	2.005	2.091	13.05
19) T	Methyl Acetate	1.848	1.955	1.980	2.087	2.066	2.067	2.001	4.56
20) T	Methyl tert-butyl	2.994	2.567	2.427	2.535	2.466	2.474	2.577	8.16
21) T	Methylene Chlorid	0.908	0.770	0.729	0.744	0.726	0.740	0.769	9.07
22) T	trans-1,2-Dichlor	0.812	0.712	0.647	0.666	0.662	0.666	0.694	8.89
23) T	Diisopropyl ether	3.071	2.706	2.601	2.686	2.617	2.642	2.721	6.49
24) T	Vinyl Acetate	0.794	0.853	0.914	0.957	0.940	0.943	0.900	7.09
25) P	1,1-Dichloroethan	1.865	1.604	1.492	1.524	1.492	1.506	1.581	9.20
26) T	2-Butanone	0.362	0.438	0.412	0.444	0.425	0.415	0.416	7.05
27) T	2,2-Dichloropropa	1.552	1.352	1.323	1.375	1.318	1.306	1.371	6.70
28) T	cis-1,2-Dichloroe	0.894	0.777	0.762	0.792	0.778	0.775	0.796	6.13
29) T	Bromochloromethan	0.692	0.605	0.643	0.597	0.560	0.584	0.613	7.65
30) T	Tetrahydrofuran	0.370	0.271	0.260	0.281	0.271	0.267	0.287	14.39
31) C	Chloroform	1.532	1.463	1.368	1.422	1.387	1.395	1.428	4.26#
32) T	Cyclohexane	3.226	1.692	1.422	1.424	1.374	1.392	1.755	41.60
33) T	1,1,1-Trichloroet	1.441	1.267	1.209	1.259	1.232	1.231	1.273	6.67
34) S	1,2-Dichloroethan		1.021	1.051	1.015	1.008	1.027	1.024	1.59
35) I	1,4-Difluorobenzene	-----ISTD-----							
36) S	Dibromofluorometh		0.350	0.363	0.348	0.334	0.337	0.347	3.32
37) T	1,1-Dichloropropo	0.667	0.567	0.547	0.585	0.572	0.574	0.585	7.15
38) T	Ethyl Acetate	0.763	0.465	0.491	0.522	0.500	0.487	0.538	20.74
39) T	Carbon Tetrachlor	0.611	0.566	0.528	0.545	0.529	0.523	0.550	6.13
40) T	Methylcyclohexane	0.840	0.684	0.672	0.702	0.688	0.692	0.713	8.86
41) TM	Benzene	1.959	1.730	1.622	1.693	1.634	1.609	1.708	7.69
42) T	Methacrylonitrile	0.265	0.282	0.274	0.295	0.296	0.286	0.283	4.22
43) TM	1,2-Dichloroethan	0.801	0.679	0.644	0.678	0.665	0.660	0.688	8.24
44) T	Isopropyl Acetate	0.908	0.975	0.919	0.972	0.931	0.908	0.935	3.29
45) TM	Trichloroethene	0.378	0.345	0.331	0.341	0.332	0.332	0.343	5.21
46) C	1,2-Dichloropropa	0.595	0.494	0.465	0.481	0.459	0.454	0.491	10.76#
47) T	Dibromomethane	0.352	0.284	0.267	0.281	0.276	0.272	0.288	10.97
48) T	Bromodichlorometh	0.678	0.602	0.577	0.608	0.594	0.588	0.608	5.93
49) T	Methyl methacryla	0.483	0.463	0.444	0.481	0.469	0.455	0.466	3.25
50) T	1,4-Dioxane	0.006	0.006	0.005	0.005	0.005	0.005	0.005	6.91
51) S	Toluene-d8		1.353	1.413	1.362	1.323	1.335	1.357	2.55
52) T	4-Methyl-2-Pentan	0.558	0.506	0.478	0.497	0.475	0.453	0.495	7.28

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	Compound	1	5	20	50	100	200	Avg	%RSD
53)	CM Toluene	1.146	0.992	0.953	0.986	0.966	0.959	1.000	7.29#
54)	T t-1,3-Dichloropro	0.755	0.647	0.643	0.693	0.681	0.677	0.683	5.95
55)	T cis-1,3-Dichlorop	0.841	0.733	0.709	0.739	0.720	0.715	0.743	6.64
56)	T 1,1,2-Trichloroet	0.410	0.395	0.359	0.376	0.361	0.354	0.376	6.02
57)	T Ethyl methacrylat	0.680	0.634	0.609	0.643	0.626	0.610	0.634	4.19
58)	T 1,3-Dichloropropa	0.794	0.703	0.661	0.695	0.672	0.662	0.698	7.16
59)	T 2-Chloroethyl Vin	0.292	0.281	0.285	0.296	0.297	0.294	0.291	2.18
60)	T 2-Hexanone	0.343	0.354	0.335	0.348	0.329	0.312	0.337	4.52
61)	T Dibromochlorometh	0.425	0.375	0.374	0.387	0.374	0.369	0.384	5.46
62)	T 1,2-Dibromoethane	0.401	0.375	0.351	0.375	0.360	0.356	0.369	4.94
63)	S 4-Bromofluorobenz		0.446	0.488	0.490	0.486	0.498	0.482	4.23
64)	I Chlorobenzene-d5	-----ISTD-----							
65)	T Tetrachloroethene	0.385	0.328	0.308	0.310	0.299	0.289	0.320	10.75
66)	PM Chlorobenzene	1.405	1.173	1.118	1.148	1.126	1.112	1.180	9.53
67)	T 1,1,1,2-Tetrachlo	0.456	0.423	0.389	0.400	0.378	0.369	0.403	8.08
68)	C Ethyl Benzene	2.583	2.277	2.132	2.195	2.140	2.105	2.238	8.01#
69)	T m/p-Xylenes	0.871	0.774	0.736	0.764	0.746	0.742	0.772	6.53
70)	T o-Xylene	0.870	0.779	0.754	0.765	0.744	0.734	0.774	6.40
71)	T Styrene	1.334	1.215	1.202	1.268	1.244	1.236	1.250	3.76
72)	P Bromoform	0.300	0.280	0.275	0.286	0.273	0.265	0.280	4.29
73)	I 1,4-Dichlorobenzene-d	-----ISTD-----							
74)	T Isopropylbenzene	6.633	5.896	5.285	5.259	5.045	4.941	5.510	11.66
75)	T N-amyl acetate	2.632	2.702	2.423	2.456	2.320	2.221	2.459	7.42
76)	P 1,1,2,2-Tetrachlo	2.186	1.759	1.594	1.531	1.417	1.331	1.636	18.76
77)	T 1,2,3-Trichloropr	1.811	1.711	1.483	1.461	1.330	1.271	1.511	14.01
78)	T Bromobenzene	1.386	1.130	1.028	1.017	0.976	0.947	1.080	15.02
79)	T n-propylbenzene	7.531	6.666	6.194	6.291	6.145	6.068	6.482	8.56
80)	T 2-Chlorotoluene	4.471	4.206	3.752	3.744	3.612	3.570	3.892	9.31
81)	T 1,3,5-Trimethylbe	5.307	4.556	4.228	4.233	4.138	4.096	4.427	10.41
82)	T trans-1,4-Dichlor	0.749	0.622	0.599	0.605	0.567	0.549	0.615	11.54
83)	T 4-Chlorotoluene	4.256	3.938	3.634	3.755	3.689	3.675	3.824	6.19
84)	T tert-Butylbenzene	4.390	4.012	3.525	3.465	3.262	3.258	3.652	12.44
85)	T 1,2,4-Trimethylbe	5.398	4.532	4.214	4.300	4.137	4.094	4.446	11.06
86)	T sec-Butylbenzene	6.203	5.608	5.117	5.191	5.043	4.940	5.350	8.91
87)	T p-Isopropyltoluen	4.830	4.270	3.906	3.994	3.885	3.840	4.121	9.22
88)	T 1,3-Dichlorobenze	2.145	1.868	1.783	1.801	1.760	1.736	1.849	8.23
89)	T 1,4-Dichlorobenze	2.372	1.864	1.730	1.793	1.748	1.729	1.873	13.34
90)	T n-Butylbenzene	4.183	3.826	3.797	4.035	4.050	4.102	3.999	3.86
91)	T Hexachloroethane	1.113	0.974	0.863	0.852	0.812	0.796	0.902	13.40
92)	T 1,2-Dichlorobenze	2.142	1.831	1.799	1.790	1.722	1.679	1.827	8.96
93)	T 1,2-Dibromo-3-Chl	0.528	0.353	0.320	0.330	0.309	0.308	0.358	23.70
94)	T 1,2,4-Trichlorobe	0.938	0.905	0.944	1.021	1.023	1.091	0.987	7.05
95)	T Hexachlorobutadie	0.583	0.516	0.517	0.515	0.495	0.493	0.520	6.30
96)	T Naphthalene	2.485	2.600	2.797	3.074	3.123	3.283	2.894	10.92
97)	T 1,2,3-Trichlorobe	0.977	0.895	0.935	1.011	1.001	1.069	0.981	6.21

(#) = Out of Range