

Method Path : Z:\VOASRV\HPCHEM1\MSV0A_Y\METHODS\
 Method File : 82Y112719S.M
 Title : SW846 8260
 Last Update : Wed Nov 27 12:40:47 2019
 Response Via : Initial Calibration

Calibration Files

10 =VY000809.D 5 =VY000808.D 20 =VY000810.D
 50 =VY000811.D 100 =VY000812.D 150 =VY000813.D

	Compound	10	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.579	0.548	0.573	0.540	0.506	0.483	0.538	6.97
3) P	Chloromethane	0.696	0.699	0.717	0.670	0.611	0.588	0.663	7.87
4) C	Vinyl Chloride	0.729	0.661	0.687	0.663	0.611	0.572	0.654	8.53#
5) T	Bromomethane	0.445	0.457	0.416	0.400	0.345	0.303	0.394	15.08
6) T	Chloroethane	0.427	0.429	0.409	0.419	0.371	0.351	0.401	8.14
7) T	Trichlorofluorome	0.935	0.914	0.928	0.911	0.865	0.823	0.896	4.83
8) T	Diethyl Ether	0.341	0.339	0.345	0.350	0.337	0.311	0.337	4.06
9) T	1,1,2-Trichlorotr	0.574	0.550	0.566	0.565	0.540	0.525	0.553	3.33
10) T	Methyl Iodide	0.652	0.658	0.655	0.735	0.740	0.740	0.697	6.58
11) T	Tert butyl alcoho	0.057	0.049	0.057	0.058	0.054	0.045	0.053	9.49
12) CM	1,1-Dichloroethen	0.544	0.551	0.568	0.555	0.543	0.528	0.548	2.43#
13) T	Acrolein	0.058	0.048	0.061	0.052	0.052	0.045	0.053	11.09
14) T	Allyl chloride	0.906	0.965	0.966	0.993	0.930	0.881	0.940	4.47
15) T	Acrylonitrile	0.184	0.163	0.178	0.186	0.179	0.156	0.174	7.00
16) T	Acetone	0.134	0.126	0.127	0.125	0.118	0.103	0.122	8.65
17) T	Carbon Disulfide	1.803	1.684	1.795	1.829	1.791	1.736	1.773	3.00
18) T	Methyl Acetate	0.463	0.633	0.484	0.521	0.516	0.441	0.510	13.27
19) T	Methyl tert-butyl	1.476	1.399	1.462	1.585	1.506	1.356	1.464	5.51
20) T	Methylene Chlorid	0.704	0.665	0.668	0.644	0.602	0.573	0.642	7.43
21) T	trans-1,2-Dichlor	0.614	0.665	0.625	0.639	0.606	0.590	0.623	4.22
22) T	Diisopropyl ether	2.007	1.968	1.998	2.053	1.863	1.704	1.932	6.66
23) T	Vinyl Acetate	1.273	0.973	1.262	1.304	1.196	1.038	1.175	11.66
24) P	1,1-Dichloroethan	1.077	1.072	1.073	1.118	1.055	0.994	1.065	3.81
25) T	2-Butanone	0.234	0.204	0.236	0.255	0.230	0.193	0.225	10.14
26) T	2,2-Dichloropropa	0.918	0.931	0.918	0.917	0.868	0.826	0.896	4.56
27) T	cis-1,2-Dichloroe	0.685	0.664	0.682	0.701	0.668	0.640	0.674	3.13
28) T	Bromochloromethan	0.268	0.408	0.254	0.412	0.427	0.388	0.360	21.60
29) T	Tetrahydrofuran	0.157	0.137	0.157	0.164	0.155	0.126	0.149	9.70
30) C	Chloroform	1.113	1.188	1.064	1.072	1.020	0.952	1.068	7.53#
31) T	Cyclohexane	1.174	1.249	1.146	1.143	1.060	0.996	1.128	7.89
32) T	1,1,1-Trichloroet	0.903	0.880	0.896	0.906	0.880	0.827	0.882	3.31
33) S	1,2-Dichloroethan	0.545	0.583	0.532	0.525	0.524	0.478	0.531	6.40
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.300	0.303	0.305	0.284	0.288	0.267	0.291	5.00
36) T	1,1-Dichloroprope	0.504	0.509	0.521	0.504	0.486	0.459	0.497	4.37
37) T	Ethyl Acetate	0.312	0.266	0.306	0.307	0.291	0.241	0.287	9.78
38) T	Carbon Tetrachlor	0.452	0.438	0.457	0.456	0.438	0.416	0.443	3.56
39) T	Methylcyclohexane	0.681	0.657	0.669	0.672	0.654	0.618	0.659	3.35
40) TM	Benzene	1.483	1.448	1.473	1.501	1.432	1.352	1.448	3.66
41) T	Methacrylonitrile	0.152	0.162	0.158	0.154	0.152	0.130	0.151	7.37
42) TM	1,2-Dichloroethan	0.390	0.386	0.396	0.399	0.375	0.340	0.381	5.73
43) T	Isopropyl Acetate	0.558	0.522	0.560	0.586	0.553	0.467	0.541	7.69
44) TM	Trichloroethene	0.374	0.383	0.380	0.384	0.366	0.346	0.372	3.88
45) C	1,2-Dichloropropa	0.369	0.361	0.372	0.384	0.361	0.336	0.364	4.40#
46) T	Dibromomethane	0.196	0.189	0.188	0.202	0.189	0.177	0.190	4.55
47) T	Bromodichlorometh	0.451	0.430	0.449	0.475	0.450	0.424	0.446	4.04
48) T	Methyl methacryla	0.250	0.221	0.237	0.269	0.241	0.209	0.238	8.93
49) T	1,4-Dioxane	0.003	0.002	0.003	0.003	0.003	0.002	0.003	8.54
50) S	Toluene-d8	1.060	1.305	1.106	1.191	1.198	1.129	1.165	7.40
51) T	4-Methyl-2-Pentan	0.295	0.249	0.299	0.308	0.289	0.237	0.280	10.38
52) CM	Toluene	0.907	0.883	0.924	0.942	0.890	0.835	0.897	4.16#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53)	T t-1,3-Dichloropro	0.482	0.417	0.491	0.525	0.505	0.459	0.480	7.88
54)	T cis-1,3-Dichlorop	0.558	0.544	0.578	0.601	0.584	0.538	0.567	4.37
55)	T 1,1,2-Trichloroet	0.287	0.277	0.281	0.297	0.286	0.257	0.281	4.82
56)	T Ethyl methacrylat	0.387	0.332	0.419	0.452	0.435	0.385	0.402	10.79
57)	T 1,3-Dichloropropa	0.498	0.465	0.509	0.522	0.494	0.447	0.489	5.72
58)	T 2-Chloroethyl Vin	0.167	0.175	0.168	0.162	0.158	0.142	0.162	7.02
59)	T 2-Hexanone	0.207	0.176	0.213	0.239	0.214	0.173	0.204	12.35
60)	T Dibromochlorometh	0.299	0.279	0.302	0.327	0.319	0.287	0.302	6.05
61)	T 1,2-Dibromoethane	0.260	0.254	0.270	0.288	0.271	0.244	0.265	5.73
62)	S 4-Bromofluorobenz	0.448	0.511	0.462	0.416	0.410	0.378	0.438	10.70
63)	I Chlorobenzene-d5	-----ISTD-----							
64)	T Tetrachloroethene	0.465	0.467	0.448	0.441	0.403	0.382	0.434	7.90
65)	PM Chlorobenzene	1.052	1.055	1.052	1.081	1.026	0.970	1.039	3.69
66)	T 1,1,1,2-Tetrachlo	0.356	0.336	0.357	0.370	0.352	0.331	0.350	4.11
67)	C Ethyl Benzene	1.939	1.956	1.997	2.011	1.894	1.817	1.936	3.70#
68)	T m/p-Xylenes	0.740	0.732	0.744	0.756	0.710	0.677	0.727	3.97
69)	T o-Xylene	0.680	0.661	0.703	0.710	0.673	0.638	0.677	3.94
70)	T Styrene	1.165	1.108	1.183	1.237	1.165	1.102	1.160	4.33
71)	P Bromoform	0.187	0.176	0.199	0.218	0.213	0.192	0.198	8.03
72)	I 1,4-Dichlorobenzene-d	-----ISTD-----							
73)	T Isopropylbenzene	4.046	3.926	3.971	4.075	3.969	3.900	3.981	1.71
74)	T N-amyl acetate	1.127	1.003	1.139	1.196	1.154	1.030	1.108	6.77
75)	P 1,1,2,2-Tetrachlo	0.784	0.702	0.802	0.849	0.816	0.754	0.784	6.54
76)	T 1,2,3-Trichloropr	0.577	0.533	0.586	0.588	0.589	0.527	0.566	5.10
77)	T Bromobenzene	0.869	0.860	0.846	0.900	0.866	0.836	0.863	2.55
78)	T n-propylbenzene	4.910	4.824	4.914	4.998	4.795	4.724	4.861	2.03
79)	T 2-Chlorotoluene	2.680	2.795	2.680	2.733	2.636	2.588	2.685	2.70
80)	T 1,3,5-Trimethylbe	3.360	3.321	3.322	3.381	3.224	3.170	3.296	2.48
81)	T trans-1,4-Dichlor	0.264	0.235	0.283	0.328	0.324	0.295	0.288	12.38
82)	T 4-Chlorotoluene	2.787	2.831	2.780	2.806	2.727	2.670	2.767	2.12
83)	T tert-Butylbenzene	2.859	2.719	2.730	2.867	2.749	2.704	2.771	2.61
84)	T 1,2,4-Trimethylbe	3.340	3.351	3.384	3.395	3.201	3.116	3.298	3.43
85)	T sec-Butylbenzene	4.131	4.003	4.111	4.124	3.961	3.853	4.030	2.78
86)	T p-Isopropyltoluen	3.687	3.445	3.549	3.621	3.421	3.310	3.506	3.97
87)	T 1,3-Dichlorobenze	1.773	1.747	1.739	1.718	1.623	1.557	1.693	4.97
88)	T 1,4-Dichlorobenze	1.728	1.693	1.691	1.735	1.636	1.574	1.676	3.64
89)	T n-Butylbenzene	3.637	3.457	3.659	3.655	3.473	3.384	3.544	3.39
90)	T Hexachloroethane	0.631	0.589	0.656	0.688	0.662	0.649	0.646	5.20
91)	T 1,2-Dichlorobenze	1.543	1.528	1.544	1.579	1.512	1.431	1.523	3.30
92)	T 1,2-Dibromo-3-Chl	0.139	0.122	0.130	0.142	0.134	0.122	0.131	6.39
93)	T 1,2,4-Trichlorobe	1.050	1.026	1.071	1.066	1.011	0.958	1.030	4.09
94)	T Hexachlorobutadie	0.558	0.503	0.554	0.516	0.477	0.458	0.511	7.88
95)	T Naphthalene	2.403	2.141	2.500	2.551	2.495	2.265	2.393	6.65
96)	T 1,2,3-Trichlorobe	0.934	0.933	0.953	0.944	0.907	0.851	0.920	4.07

(#) = Out of Range