

Method Path : Z:\VOASRV\HPCHEM1\MSV0A X\METHOD\
 Method File : 82X090319S.M
 Title : SW846 8260
 Last Update : Tue Sep 03 15:26:48 2019
 Response Via : Initial Calibration

Calibration Files

10 =VX012019.D 5 =VX012018.D 20 =VX012020.D
 50 =VX012021.D 100 =VX012022.D 150 =VX012023.D

	Compound	10	5	20	50	100	150	Avq	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.477	0.474	0.460	0.424	0.466	0.466	0.461	4.16
3) P	Chloromethane	0.453	0.452	0.456	0.445	0.492	0.535	0.472	7.41
4) C	Vinyl Chloride	0.411	0.425	0.421	0.423	0.474	0.511	0.444	8.92#
5) T	Bromomethane	0.254	0.245	0.201	0.207	0.203	0.213	0.220	10.56
6) T	Chloroethane	0.271	0.276	0.265	0.260	0.284	0.301	0.276	5.36
7) T	Trichlorofluorome	0.697	0.670	0.668	0.656	0.715	0.733	0.690	4.35
8) T	Diethyl Ether	0.245	0.214	0.229	0.231	0.247	0.265	0.238	7.38
9) T	1,1,2-Trichlorotr	0.527	0.489	0.503	0.487	0.530	0.530	0.511	4.07
10) T	Methyl Iodide	0.290	0.259	0.354	0.449	0.545	0.587	0.414	32.69
11) T	Tert butyl alcoho	0.066	0.067	0.068	0.059	0.068	0.070	0.066	5.70
12) CM	1,1-Dichloroethen	0.487	0.476	0.470	0.472	0.523	0.525	0.492	5.16#
13) T	Acrolein	0.026	0.021	0.029	0.016	0.017	0.018	0.021	24.77
14) T	Allyl chloride	0.852	0.799	0.863	0.863	0.964	1.005	0.891	8.64
15) T	Acrylonitrile	0.158	0.131	0.147	0.141	0.159	0.164	0.150	8.49
16) T	Acetone	0.171	0.165	0.158	0.156	0.171	0.168	0.165	3.97
17) T	Carbon Disulfide	1.266	1.269	1.241	1.491	1.655	1.710	1.439	14.61
18) T	Methyl Acetate	0.375	0.401	0.377	0.347	0.410	0.422	0.388	7.05
19) T	Methyl tert-butyl	1.674	1.402	1.600	1.517	1.674	1.751	1.603	7.88
20) T	Methylene Chlorid	0.708	0.764	0.633	0.588	0.623	0.658	0.662	9.65
21) T	trans-1,2-Dichlor	0.560	0.549	0.546	0.565	0.612	0.635	0.578	6.35
22) T	Diisopropyl ether	1.864	1.667	1.814	1.701	1.870	1.980	1.816	6.40
23) T	Vinyl Acetate	1.179	0.958	1.160	1.158	1.266	1.327	1.175	10.72
24) P	1,1-Dichloroethan	1.079	0.975	1.026	0.992	1.091	1.155	1.053	6.44
25) T	2-Butanone	0.215	0.169	0.207	0.202	0.230	0.237	0.210	11.52
26) T	2,2-Dichloropropa	1.003	0.935	0.982	0.909	0.994	1.011	0.972	4.21
27) T	cis-1,2-Dichloroe	0.683	0.630	0.664	0.643	0.702	0.742	0.677	6.07
28) T	Bromochloromethan	0.437	0.438	0.414	0.415	0.387	0.432	0.420	4.59
29) T	Tetrahydrofuran	0.133	0.104	0.123	0.119	0.137	0.142	0.126	10.98
30) C	Chloroform	1.140	1.088	1.127	1.056	1.156	1.213	1.130	4.83#
31) T	Cyclohexane	0.857	0.839	0.831	0.800	0.872	0.876	0.846	3.35
32) T	1,1,1-Trichloroet	0.991	0.885	0.988	0.940	1.037	1.064	0.984	6.58
33) S	1,2-Dichloroethan	0.688	0.703	0.653	0.678	0.686	0.731	0.690	3.75

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.309	0.289	0.313	0.303	0.309	0.322	0.307	3.56
36) T	1,1-Dichloroprope	0.448	0.414	0.425	0.424	0.469	0.464	0.440	5.19
37) T	Ethyl Acetate	0.229	0.199	0.236	0.233	0.268	0.272	0.239	11.35
38) T	Carbon Tetrachlor	0.468	0.434	0.457	0.435	0.496	0.495	0.464	5.90
39) T	Methylcyclohexane	0.532	0.507	0.503	0.479	0.530	0.516	0.511	3.82
40) TM	Benzene	1.279	1.151	1.241	1.212	1.337	1.365	1.264	6.32
41) T	Methacrylonitrile	0.141	0.112	0.145	0.136	0.159	0.163	0.143	12.98
42) TM	1,2-Dichloroethan	0.467	0.400	0.449	0.434	0.484	0.495	0.455	7.68
43) T	Isopropyl Acetate	0.497	0.387	0.483	0.463	0.539	0.553	0.487	12.26
44) TM	Trichloroethene	0.345	0.320	0.337	0.324	0.357	0.363	0.341	5.12
45) C	1,2-Dichloropropa	0.341	0.294	0.329	0.308	0.339	0.349	0.327	6.53#
46) T	Dibromomethane	0.195	0.171	0.187	0.180	0.201	0.210	0.191	7.38
47) T	Bromodichlorometh	0.505	0.427	0.481	0.462	0.507	0.525	0.485	7.39
48) T	Methyl methacryla	0.239	0.205	0.241	0.234	0.270	0.279	0.245	10.95
49) T	1,4-Dioxane	0.003	0.003	0.003	0.003	0.004	0.004	0.003	7.56
50) S	Toluene-d8	1.065	1.206	1.039	1.142	1.141	1.177	1.128	5.73
51) T	4-Methyl-2-Pentan	0.256	0.204	0.250	0.235	0.267	0.274	0.248	10.23
52) CM	Toluene	0.844	0.760	0.811	0.784	0.863	0.874	0.823	5.48#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.511	0.436	0.501	0.476	0.531	0.556	0.502	8.39
54) T	cis-1,3-Dichlorop	0.572	0.494	0.554	0.529	0.592	0.607	0.558	7.47
55) T	1,1,2-Trichloroet	0.285	0.243	0.278	0.258	0.282	0.290	0.273	6.73
56) T	Ethyl methacrylat	0.399	0.326	0.388	0.371	0.419	0.440	0.390	10.14
57) T	1,3-Dichloropropa	0.489	0.410	0.481	0.444	0.492	0.506	0.470	7.68
58) T	2-Chloroethyl Vin	0.171	0.183	0.175	0.174	0.173	0.181	0.176	2.68
59) T	2-Hexanone	0.184	0.153	0.182	0.170	0.195	0.200	0.181	9.55
60) T	Dibromochlorometh	0.328	0.281	0.327	0.306	0.346	0.361	0.325	8.69
61) T	1,2-Dibromoethane	0.271	0.227	0.261	0.250	0.280	0.290	0.263	8.57
62) S	4-Bromofluorobenz	0.554	0.550	0.551	0.497	0.486	0.510	0.525	5.85
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.320	0.310	0.312	0.296	0.318	0.314	0.312	2.77
65) PM	Chlorobenzene	1.016	0.940	0.984	0.937	1.007	1.035	0.987	4.14
66) T	1,1,1,2-Tetrachlo	0.374	0.325	0.362	0.338	0.380	0.386	0.361	6.80
67) C	Ethyl Benzene	1.827	1.724	1.816	1.720	1.839	1.862	1.798	3.38#
68) T	m/p-Xylenes	0.681	0.641	0.676	0.638	0.668	0.672	0.663	2.79
69) T	o-Xylene	0.661	0.606	0.656	0.613	0.647	0.672	0.642	4.19
70) T	Styrene	1.130	0.992	1.148	1.087	1.147	1.192	1.116	6.24
71) P	Bromoform	0.200	0.163	0.197	0.190	0.216	0.222	0.198	10.52
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.853	3.499	3.688	3.481	3.789	3.702	3.669	4.12
74) T	N-amyl acetate	1.094	0.896	1.091	1.027	1.188	1.211	1.085	10.58
75) P	1,1,2,2-Tetrachlo	0.812	0.658	0.771	0.713	0.820	0.814	0.765	8.63
76) T	1,2,3-Trichloropr	0.609	0.568	0.580	0.562	0.621	0.725	0.611	9.90
77) T	Bromobenzene	0.857	0.747	0.818	0.784	0.860	0.856	0.820	5.70
78) T	n-propylbenzene	4.589	4.251	4.476	4.171	4.649	4.456	4.432	4.22
79) T	2-Chlorotoluene	2.762	2.606	2.749	2.485	2.786	2.723	2.685	4.34
80) T	1,3,5-Trimethylbe	3.348	3.125	3.309	3.019	3.291	3.197	3.215	3.91
81) T	trans-1,4-Dichlor	0.271	0.226	0.246	0.239	0.280	0.288	0.258	9.62
82) T	4-Chlorotoluene	3.344	3.123	3.256	3.052	3.234	3.194	3.200	3.21
83) T	tert-Butylbenzene	3.238	2.970	3.116	2.856	3.103	3.103	3.064	4.33
84) T	1,2,4-Trimethylbe	3.416	3.221	3.317	3.117	3.359	3.395	3.304	3.48
85) T	sec-Butylbenzene	3.980	3.800	3.832	3.571	3.835	3.818	3.806	3.47
86) T	p-Isopropyltoluen	3.618	3.431	3.511	3.219	3.489	3.501	3.461	3.85
87) T	1,3-Dichlorobenze	1.702	1.627	1.675	1.512	1.668	1.681	1.644	4.21
88) T	1,4-Dichlorobenze	1.715	1.641	1.674	1.527	1.632	1.675	1.644	3.93
89) T	n-Butylbenzene	3.529	3.334	3.416	3.144	3.407	3.345	3.362	3.80
90) T	Hexachloroethane	0.711	0.678	0.698	0.630	0.711	0.720	0.691	4.84
91) T	1,2-Dichlorobenze	1.535	1.425	1.536	1.388	1.485	1.516	1.481	4.16
92) T	1,2-Dibromo-3-Chl	0.161	0.137	0.163	0.153	0.173	0.172	0.160	8.38
93) T	1,2,4-Trichlorobe	1.120	1.039	1.075	0.973	1.023	1.092	1.054	5.02
94) T	Hexachlorobutadie	0.556	0.531	0.548	0.488	0.525	0.540	0.531	4.54
95) T	Naphthalene	2.318	2.003	2.273	2.175	2.359	2.558	2.281	8.16
96) T	1,2,3-Trichlorobe	0.957	0.912	0.938	0.869	0.902	0.985	0.927	4.46

(#) = Out of Range