

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\
 Method File : 82W112118S.M
 Title : SW846 8260
 Last Update : Wed Nov 21 03:23:02 2018
 Response Via : Initial Calibration

Calibration Files

10 =VW006974.D 5 =VW006973.D 20 =VW006975.D
 50 =VW006976.D 100 =VW006978.D 150 =VW006979.D

	Compound	10	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.540	0.457	0.542	0.491	0.466	0.465	0.494	7.78
3) P	Chloromethane	0.429	0.363	0.429	0.431	0.406	0.412	0.411	6.27
4) C	Vinyl Chloride	0.408	0.383	0.408	0.428	0.402	0.400	0.405	3.60#
5) T	Bromomethane	0.227	0.226	0.209	0.244	0.198	0.191	0.216	9.17
6) T	Chloroethane	0.226	0.217	0.217	0.244	0.223	0.212	0.223	5.04
7) T	Trichlorofluorome	0.794	0.733	0.838	0.791	0.803	0.818	0.796	4.47
8) T	Diethyl Ether	0.243	0.261	0.282	0.251	0.250	0.253	0.256	5.29
9) T	1,1,2-Trichlorotr	0.537	0.544	0.545	0.492	0.485	0.491	0.516	5.65
10) T	Methyl Iodide	0.510	0.491	0.556	0.651	0.662	0.674	0.591	13.82
11) T	Tert butyl alcoho	0.031	0.033	0.034	0.030	0.032	0.031	0.032	3.85
12) CM	1,1-Dichloroethen	0.438	0.452	0.455	0.450	0.455	0.465	0.453	1.93#
13) T	Acrolein	0.036	0.030	0.040	0.031	0.031	0.029	0.033	13.60
14) T	Allyl chloride	0.705	0.729	0.763	0.748	0.768	0.791	0.751	4.03
15) T	Acrylonitrile	0.088	0.090	0.099	0.102	0.099	0.100	0.096	5.98
16) T	Acetone	0.068	0.074	0.072	0.073	0.069	0.070	0.071	3.56
17) T	Carbon Disulfide	1.363	1.300	1.448	1.510	1.570	1.589	1.463	7.88
18) T	Methyl Acetate	0.217	0.307	0.259	0.239	0.244	0.252	0.253	11.81
19) T	Methyl tert-butyl	1.128	1.111	1.295	1.206	1.171	1.179	1.182	5.54
20) T	Methylene Chlorid	0.778	1.131	0.683	0.561	0.536	0.526	0.702	33.01
21) T	trans-1,2-Dichlor	0.516	0.531	0.549	0.514	0.519	0.533	0.527	2.56
22) T	Diisopropyl ether	1.387	1.391	1.551	1.469	1.477	1.491	1.461	4.30
23) T	Vinyl Acetate	0.738	0.678	0.835	0.804	0.795	0.806	0.776	7.41
24) P	1,1-Dichloroethan	0.841	0.881	0.911	0.880	0.896	0.925	0.889	3.30
25) T	2-Butanone	0.117	0.125	0.127	0.125	0.118	0.118	0.122	3.82
26) T	2,2-Dichloropropa	0.805	0.848	0.838	0.773	0.758	0.773	0.799	4.69
27) T	cis-1,2-Dichloroe	0.550	0.539	0.567	0.559	0.568	0.585	0.561	2.79
28) T	Bromochloromethan	0.312	0.351	0.315	0.334	0.340	0.341	0.332	4.60
29) T	Tetrahydrofuran	0.074	0.077	0.083	0.081	0.079	0.080	0.079	4.33
30) C	Chloroform	0.931	0.986	0.956	0.923	0.919	0.951	0.944	2.68#
31) T	Cyclohexane	0.996	1.080	1.011	0.908	0.844	0.817	0.943	10.92
32) T	1,1,1-Trichloroet	0.865	0.839	0.913	0.839	0.819	0.828	0.851	4.05
33) S	1,2-Dichloroethan	0.451	0.492	0.520	0.484	0.498	0.493	0.490	4.63
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.256	0.265	0.278	0.289	0.304	0.301	0.282	6.79
36) T	1,1-Dichloroprope	0.489	0.507	0.521	0.492	0.467	0.455	0.489	5.00
37) T	Ethyl Acetate	0.185	0.175	0.190	0.178	0.168	0.167	0.177	5.25
38) T	Carbon Tetrachlor	0.489	0.463	0.488	0.469	0.453	0.445	0.468	3.83
39) T	Methylcyclohexane	0.617	0.596	0.621	0.621	0.616	0.597	0.611	1.90
40) TM	Benzene	1.308	1.290	1.337	1.358	1.329	1.292	1.319	2.06
41) T	Methacrylonitrile	0.107	0.105	0.124	0.111	0.107	0.107	0.110	6.63
42) TM	1,2-Dichloroethan	0.389	0.392	0.390	0.379	0.374	0.374	0.383	2.19
43) T	Isopropyl Acetate	0.313	0.312	0.348	0.348	0.350	0.354	0.337	5.75
44) TM	Trichloroethene	0.371	0.373	0.380	0.376	0.365	0.353	0.370	2.57
45) C	1,2-Dichloropropa	0.324	0.324	0.335	0.331	0.323	0.314	0.325	2.24#
46) T	Dibromomethane	0.161	0.156	0.168	0.164	0.164	0.163	0.163	2.59
47) T	Bromodichlorometh	0.427	0.428	0.454	0.428	0.418	0.419	0.429	3.09
48) T	Methyl methacryla	0.149	0.161	0.158	0.171	0.167	0.170	0.163	5.31
49) T	1,4-Dioxane	0.002	0.002	0.002	0.003	0.002	0.002	0.002	5.02
50) S	Toluene-d8	1.184	1.232	1.220	1.326	1.286	1.234	1.247	4.06
51) T	4-Methyl-2-Pentan	0.168	0.169	0.174	0.178	0.168	0.165	0.171	2.89
52) CM	Toluene	0.886	0.887	0.874	0.955	0.903	0.879	0.898	3.33#

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	Compound	10	5	20	50	100	150	Avg	%RSD

53)	T t-1,3-Dichloropro	0.391	0.379	0.421	0.429	0.435	0.438	0.416	5.90
54)	T cis-1,3-Dichlorop	0.470	0.470	0.522	0.523	0.515	0.512	0.502	4.97
55)	T 1,1,2-Trichloroet	0.232	0.247	0.249	0.240	0.235	0.234	0.240	2.97
56)	T Ethyl methacrylat	0.258	0.241	0.274	0.302	0.296	0.296	0.278	8.82
57)	T 1,3-Dichloropropa	0.406	0.382	0.412	0.410	0.403	0.396	0.401	2.79
58)	T 2-Chloroethyl Vin	0.144	0.150	0.158	0.141	0.140	0.138	0.145	5.25
59)	T 2-Hexanone	0.113	0.107	0.120	0.129	0.118	0.113	0.117	6.71
60)	T Dibromochlorometh	0.253	0.247	0.282	0.283	0.289	0.284	0.273	6.72
61)	T 1,2-Dibromoethane	0.211	0.205	0.224	0.227	0.225	0.222	0.219	3.99
62)	S 4-Bromofluorobenz	0.481	0.497	0.490	0.514	0.493	0.468	0.491	3.17
63)	I Chlorobenzene-d5	-----ISTD-----							
64)	T Tetrachloroethene	0.311	0.332	0.316	0.336	0.321	0.314	0.322	3.20
65)	PM Chlorobenzene	1.044	1.004	1.038	1.107	1.044	1.025	1.044	3.30
66)	T 1,1,1,2-Tetrachlo	0.293	0.302	0.325	0.322	0.324	0.329	0.316	4.69
67)	C Ethyl Benzene	1.928	1.896	1.913	1.990	1.910	1.867	1.917	2.14#
68)	T m/p-Xylenes	0.755	0.742	0.761	0.785	0.743	0.725	0.752	2.71
69)	T o-Xylene	0.697	0.715	0.711	0.744	0.702	0.686	0.709	2.80
70)	T Styrene	1.122	1.068	1.128	1.196	1.146	1.112	1.129	3.70
71)	P Bromoform	0.135	0.134	0.153	0.153	0.158	0.160	0.149	7.80
72)	I 1,4-Dichlorobenzene-d	-----ISTD-----							
73)	T Isopropylbenzene	3.837	3.704	3.840	4.041	3.917	3.976	3.886	3.06
74)	T N-amyl acetate	0.593	0.569	0.643	0.712	0.692	0.699	0.651	9.16
75)	P 1,1,2,2-Tetrachlo	0.489	0.508	0.525	0.531	0.525	0.526	0.517	3.11
76)	T 1,2,3-Trichloropr	0.380	0.480	0.408	0.340	0.405	0.344	0.393	13.11
77)	T Bromobenzene	0.825	0.805	0.843	0.859	0.839	0.836	0.835	2.19
78)	T n-propylbenzene	4.680	4.565	4.651	4.860	4.730	4.756	4.707	2.14
79)	T 2-Chlorotoluene	2.689	2.671	2.666	2.792	2.727	2.740	2.714	1.78
80)	T 1,3,5-Trimethylbe	3.257	3.261	3.310	3.501	3.431	3.402	3.360	2.96
81)	T trans-1,4-Dichlor	0.147	0.138	0.153	0.166	0.164	0.171	0.156	8.05
82)	T 4-Chlorotoluene	2.834	2.764	2.809	2.957	2.862	2.863	2.848	2.28
83)	T tert-Butylbenzene	2.902	2.847	2.864	3.003	2.934	2.907	2.909	1.90
84)	T 1,2,4-Trimethylbe	3.263	3.162	3.328	3.505	3.442	3.387	3.348	3.71
85)	T sec-Butylbenzene	4.099	3.967	4.096	4.271	4.138	4.090	4.110	2.38
86)	T p-Isopropyltoluen	3.563	3.564	3.616	3.781	3.652	3.579	3.626	2.30
87)	T 1,3-Dichlorobenze	1.711	1.728	1.690	1.778	1.682	1.634	1.704	2.84
88)	T 1,4-Dichlorobenze	1.706	1.681	1.706	1.751	1.700	1.649	1.699	1.97
89)	T n-Butylbenzene	3.368	3.172	3.357	3.609	3.514	3.454	3.412	4.42
90)	T Hexachloroethane	0.487	0.503	0.497	0.540	0.568	0.582	0.529	7.50
91)	T 1,2-Dichlorobenze	1.474	1.491	1.503	1.564	1.484	1.442	1.493	2.71
92)	T 1,2-Dibromo-3-Chl	0.087	0.067	0.091	0.092	0.093	0.094	0.087	11.93
93)	T 1,2,4-Trichlorobe	0.934	0.932	0.958	1.035	1.027	1.022	0.985	4.94
94)	T Hexachlorobutadie	0.547	0.530	0.526	0.558	0.538	0.512	0.535	3.02
95)	T Naphthalene	1.644	1.659	1.723	1.901	1.879	1.917	1.787	7.05
96)	T 1,2,3-Trichlorobe	0.755	0.761	0.802	0.864	0.856	0.863	0.817	6.27

(#) = Out of Range