

Method Path : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\
 Method File : 82W010219S.M
 Title : SW846 8260
 Last Update : Thu Jan 03 05:03:55 2019
 Response Via : Initial Calibration

Calibration Files

10 =VW008005.D 5 =VW008004.D 20 =VW008006.D
 50 =VW008007.D 100 =VW008008.D 150 =VW008009.D

	Compound	10	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.374	0.427	0.441	0.497	0.495	0.518	0.459	11.86
3) P	Chloromethane	0.318	0.335	0.323	0.348	0.355	0.364	0.340	5.32
4) C	Vinyl Chloride	0.424	0.433	0.435	0.461	0.443	0.441	0.440	2.83#
5) T	Bromomethane	0.276	0.280	0.268	0.287	0.281	0.284	0.279	2.32
6) T	Chloroethane	0.211	0.211	0.224	0.237	0.229	0.236	0.225	5.15
7) T	Trichlorofluorome	0.400	0.388	0.423	0.466	0.471	0.500	0.441	10.02
8) T	Diethyl Ether	0.226	0.225	0.236	0.215	0.232	0.226	0.227	3.07
9) T	1,1,2-Trichlorotr	0.502	0.487	0.541	0.547	0.538	0.532	0.524	4.67
10) T	Methyl Iodide	0.803	0.818	0.850	0.864	0.868	0.859	0.844	3.17
11) T	Tert butyl alcoho	0.035	0.043	0.037	0.032	0.034	0.035	0.036	10.92
12) CM	1,1-Dichloroethen	0.480	0.499	0.505	0.504	0.511	0.512	0.502	2.34#
13) T	Acrolein	0.024	0.023	0.025	0.026	0.023	0.025	0.024	5.45
14) T	Allyl chloride	0.653	0.652	0.693	0.694	0.699	0.688	0.680	3.16
15) T	Acrylonitrile	0.079	0.078	0.086	0.085	0.086	0.086	0.083	4.51
16) T	Acetone	0.087	0.091	0.084	0.085	0.083	0.083	0.086	3.69
17) T	Carbon Disulfide	1.449	1.449	1.495	1.620	1.608	1.580	1.533	5.13
18) T	Methyl Acetate	0.209	0.201	0.220	0.230	0.234	0.238	0.222	6.66
19) T	Methyl tert-butyl	0.759	0.788	0.816	0.799	0.791	0.787	0.790	2.37
20) T	Methylene Chlorid	0.606	0.810	0.576	0.532	0.504	0.516	0.590	19.30
21) T	trans-1,2-Dichlor	0.529	0.559	0.544	0.552	0.557	0.536	0.546	2.18
22) T	Diisopropyl ether	1.178	1.166	1.246	1.250	1.260	1.225	1.221	3.23
23) T	Vinyl Acetate	0.637	0.641	0.704	0.697	0.716	0.703	0.683	5.07
24) P	1,1-Dichloroethan	0.884	0.884	0.922	0.924	0.926	0.902	0.907	2.20
25) T	2-Butanone	0.097	0.103	0.101	0.101	0.102	0.100	0.101	1.84
26) T	2,2-Dichloropropa	0.774	0.765	0.764	0.749	0.731	0.700	0.747	3.69
27) T	cis-1,2-Dichloroe	0.568	0.580	0.592	0.575	0.591	0.584	0.582	1.56
28) T	Bromochloromethan	0.271	0.345	0.276	0.285	0.289	0.283	0.292	9.26
29) T	Tetrahydrofuran	0.059	0.061	0.066	0.062	0.064	0.064	0.063	3.84
30) C	Chloroform	0.968	1.036	1.016	1.024	1.049	1.005	1.016	2.77#
31) T	Cyclohexane	0.842	0.962	0.838	0.822	0.824	0.785	0.845	7.16
32) T	1,1,1-Trichloroet	0.937	0.927	1.006	1.003	0.986	0.976	0.973	3.46
33) S	1,2-Dichloroethan	0.537	0.596	0.545	0.546	0.540	0.555	0.553	3.95
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.315	0.339	0.299	0.317	0.307	0.314	0.315	4.29
36) T	1,1-Dichloroprope	0.479	0.476	0.498	0.510	0.510	0.486	0.493	3.06
37) T	Ethyl Acetate	0.143	0.142	0.154	0.145	0.155	0.149	0.148	3.90
38) T	Carbon Tetrachlor	0.575	0.564	0.591	0.604	0.615	0.598	0.591	3.17
39) T	Methylcyclohexane	0.594	0.582	0.627	0.628	0.643	0.615	0.615	3.72
40) TM	Benzene	1.266	1.294	1.314	1.323	1.340	1.270	1.301	2.30
41) T	Methacrylonitrile	0.083	0.075	0.086	0.098	0.090	0.091	0.087	9.19
42) TM	1,2-Dichloroethan	0.410	0.431	0.432	0.443	0.453	0.432	0.434	3.28
43) T	Isopropyl Acetate	0.278	0.273	0.294	0.307	0.313	0.311	0.296	5.86
44) TM	Trichloroethene	0.385	0.364	0.394	0.391	0.392	0.377	0.384	2.94
45) C	1,2-Dichloropropa	0.271	0.280	0.283	0.287	0.287	0.282	0.282	2.02#
46) T	Dibromomethane	0.162	0.160	0.164	0.169	0.170	0.163	0.165	2.38
47) T	Bromodichlorometh	0.452	0.439	0.471	0.465	0.476	0.465	0.461	2.95
48) T	Methyl methacryla	0.134	0.151	0.151	0.149	0.156	0.156	0.149	5.54
49) T	1,4-Dioxane	0.002	0.002	0.002	0.003	0.003	0.003	0.002	8.45
50) S	Toluene-d8	1.187	1.254	1.147	1.179	1.153	1.174	1.182	3.23
51) T	4-Methyl-2-Pentan	0.134	0.135	0.139	0.138	0.139	0.138	0.137	1.74
52) CM	Toluene	0.830	0.857	0.881	0.877	0.875	0.834	0.859	2.63#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.421	0.426	0.448	0.455	0.471	0.441	0.443	4.21
54) T	cis-1,3-Dichlorop	0.477	0.467	0.498	0.504	0.519	0.506	0.495	3.93
55) T	1,1,2-Trichloroet	0.216	0.213	0.232	0.233	0.230	0.214	0.223	4.28
56) T	Ethyl methacrylat	0.228	0.232	0.262	0.260	0.271	0.259	0.252	7.04
57) T	1,3-Dichloropropa	0.378	0.375	0.379	0.378	0.389	0.375	0.379	1.41
58) T	2-Chloroethyl Vin	0.114	0.128	0.125	0.117	0.118	0.115	0.120	4.70
59) T	2-Hexanone	0.091	0.087	0.097	0.098	0.098	0.096	0.095	4.85
60) T	Dibromochlorometh	0.279	0.303	0.304	0.309	0.323	0.312	0.305	4.79
61) T	1,2-Dibromoethane	0.215	0.206	0.230	0.227	0.233	0.228	0.223	4.68
62) S	4-Bromofluorobenz	0.448	0.496	0.438	0.447	0.440	0.452	0.453	4.70
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.331	0.341	0.358	0.362	0.350	0.330	0.345	3.93
65) PM	Chlorobenzene	1.054	1.040	1.069	1.103	1.090	1.055	1.069	2.23
66) T	1,1,1,2-Tetrachlo	0.376	0.378	0.395	0.396	0.398	0.379	0.387	2.58
67) C	Ethyl Benzene	1.812	1.825	1.950	1.977	1.935	1.882	1.897	3.59#
68) T	m/p-Xylenes	0.717	0.700	0.757	0.768	0.744	0.715	0.733	3.65
69) T	o-Xylene	0.662	0.649	0.701	0.715	0.694	0.673	0.682	3.72
70) T	Styrene	1.062	1.032	1.151	1.168	1.155	1.106	1.112	5.01
71) P	Bromoform	0.168	0.170	0.178	0.185	0.188	0.187	0.179	4.82
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.840	3.706	3.993	4.103	4.159	4.055	3.976	4.32
74) T	N-amyl acetate	0.564	0.572	0.620	0.643	0.653	0.662	0.619	6.82
75) P	1,1,2,2-Tetrachlo	0.496	0.472	0.509	0.521	0.523	0.514	0.506	3.81
76) T	1,2,3-Trichloropr	0.317	0.468	0.413	0.418	0.425	0.345	0.398	14.10
77) T	Bromobenzene	0.809	0.792	0.882	0.885	0.885	0.874	0.855	4.97
78) T	n-propylbenzene	4.390	4.392	4.693	4.740	4.804	4.639	4.610	3.86
79) T	2-Chlorotoluene	2.521	2.501	2.734	2.742	2.789	2.698	2.664	4.59
80) T	1,3,5-Trimethylbe	3.241	3.224	3.453	3.591	3.580	3.446	3.422	4.66
81) T	trans-1,4-Dichlor	0.151	0.152	0.162	0.173	0.186	0.185	0.168	9.32
82) T	4-Chlorotoluene	2.731	2.709	2.875	2.878	2.951	2.853	2.833	3.31
83) T	tert-Butylbenzene	2.832	2.867	3.056	3.082	3.143	2.985	2.994	4.13
84) T	1,2,4-Trimethylbe	3.321	3.407	3.526	3.581	3.561	3.403	3.466	3.01
85) T	sec-Butylbenzene	3.969	3.893	4.254	4.270	4.257	4.071	4.119	4.01
86) T	p-Isopropyltoluen	3.532	3.548	3.839	3.847	3.857	3.668	3.715	4.11
87) T	1,3-Dichlorobenze	1.719	1.674	1.747	1.776	1.764	1.666	1.724	2.69
88) T	1,4-Dichlorobenze	1.692	1.690	1.728	1.736	1.735	1.661	1.707	1.79
89) T	n-Butylbenzene	3.244	3.242	3.491	3.536	3.510	3.368	3.398	3.92
90) T	Hexachloroethane	0.641	0.608	0.636	0.658	0.680	0.645	0.645	3.69
91) T	1,2-Dichlorobenze	1.471	1.539	1.529	1.527	1.549	1.477	1.515	2.19
92) T	1,2-Dibromo-3-Chl	0.100	0.087	0.105	0.102	0.112	0.110	0.103	8.83
93) T	1,2,4-Trichlorobe	1.046	0.995	1.109	1.092	1.089	1.054	1.064	3.88
94) T	Hexachlorobutadie	0.599	0.579	0.633	0.636	0.632	0.610	0.614	3.75
95) T	Naphthalene	1.664	1.549	1.853	1.930	1.941	1.938	1.812	9.20
96) T	1,2,3-Trichlorobe	0.799	0.843	0.893	0.903	0.912	0.904	0.876	5.13

(#) = Out of Range