

Method Path : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\
 Method File : 82W071618S.M
 Title : SW846 8260
 Last Update : Mon Jul 16 15:06:12 2018
 Response Via : Initial Calibration

Calibration Files

10 =VW003946.D 5 =VW003945.D 20 =VW003947.D
 50 =VW003948.D 100 =VW003950.D 150 =VW003951.D

	Compound	10	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.293	0.267	0.297	0.270	0.279	0.279	0.281	4.21
3) P	Chloromethane	0.417	0.367	0.389	0.354	0.342	0.349	0.370	7.69
4) C	Vinyl Chloride	0.554	0.496	0.532	0.501	0.476	0.490	0.508	5.71#
5) T	Bromomethane	0.322	0.304	0.348	0.295	0.308	0.330	0.318	6.09
6) T	Chloroethane	0.296	0.280	0.302	0.277	0.282	0.296	0.289	3.59
7) T	Trichlorofluorome	0.241	0.242	0.216	0.202	0.190	0.190	0.213	11.13
8) T	Diethyl Ether	0.258	0.243	0.248	0.241	0.243	0.253	0.248	2.71
9) T	1,1,2-Trichlorotr	0.520	0.524	0.496	0.477	0.462	0.477	0.492	5.12
10) T	Methyl Iodide	0.718	0.682	0.710	0.701	0.699	0.734	0.707	2.51
11) T	Tert butyl alcoho	0.040	0.033	0.034	0.038	0.043	0.043	0.039	10.96
12) CM	1,1-Dichloroethen	0.513	0.492	0.481	0.475	0.464	0.490	0.486	3.42#
13) T	Acrolein	0.041	0.045	0.041	0.036	0.039	0.037	0.040	8.14
14) T	Allyl chloride	0.822	0.836	0.788	0.771	0.797	0.799	0.802	2.96
15) T	Acrylonitrile	0.122	0.117	0.125	0.126	0.136	0.137	0.127	6.09
16) T	Acetone	0.136	0.162	0.116	0.128	0.133	0.130	0.134	11.28
17) T	Carbon Disulfide	1.615	1.463	1.543	1.494	1.464	1.520	1.517	3.80
18) T	Methyl Acetate	0.290	0.321	0.301	0.322	0.346	0.355	0.322	7.81
19) T	Methyl tert-butyl	0.893	0.834	0.938	0.942	0.984	0.997	0.931	6.44
20) T	Methylene Chlorid	0.968	1.656	0.725	0.582	0.528	0.540	0.833	52.28
21) T	trans-1,2-Dichlor	0.551	0.534	0.539	0.525	0.515	0.533	0.533	2.31
22) T	Diisopropyl ether	1.652	1.477	1.661	1.641	1.611	1.684	1.621	4.60
23) T	Vinyl Acetate	0.999	0.831	1.034	1.063	1.103	1.133	1.027	10.44
24) P	1,1-Dichloroethan	1.023	0.971	1.008	0.973	0.958	1.002	0.989	2.59
25) T	2-Butanone	0.176	0.160	0.173	0.180	0.198	0.198	0.181	8.08
26) T	2,2-Dichloropropa	0.632	0.630	0.590	0.535	0.511	0.510	0.568	9.99
27) T	cis-1,2-Dichloroe	0.584	0.557	0.588	0.567	0.564	0.594	0.576	2.60
28) T	Bromochloromethan	0.432	0.444	0.412	0.385	0.371	0.384	0.405	7.26
29) T	Tetrahydrofuran	0.109	0.093	0.108	0.114	0.126	0.127	0.113	11.27
30) C	Chloroform	1.013	0.979	1.011	0.958	0.947	0.994	0.984	2.77#
31) T	Cyclohexane	1.006	1.045	0.908	0.881	0.848	0.874	0.927	8.56
32) T	1,1,1-Trichloroet	0.809	0.780	0.784	0.747	0.738	0.752	0.768	3.52
33) S	1,2-Dichloroethan	0.532	0.523	0.532	0.592	0.586	0.589	0.559	5.93

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.312	0.307	0.302	0.344	0.331	0.329	0.321	5.07
36) T	1,1-Dichloroprope	0.537	0.499	0.530	0.519	0.497	0.505	0.514	3.28
37) T	Ethyl Acetate	0.237	0.217	0.243	0.252	0.271	0.269	0.248	8.26
38) T	Carbon Tetrachlor	0.499	0.474	0.490	0.480	0.467	0.474	0.481	2.47
39) T	Methylcyclohexane	0.610	0.544	0.600	0.627	0.613	0.620	0.602	4.97
40) TM	Benzene	1.464	1.390	1.480	1.426	1.382	1.421	1.427	2.73
41) T	Methacrylonitrile	0.139	0.106	0.137	0.132	0.146	0.165	0.137	13.80
42) TM	1,2-Dichloroethan	0.448	0.404	0.448	0.437	0.434	0.442	0.435	3.76
43) T	Isopropyl Acetate	0.438	0.382	0.456	0.475	0.513	0.520	0.464	11.02
44) TM	Trichloroethene	0.384	0.362	0.380	0.366	0.359	0.368	0.370	2.72
45) C	1,2-Dichloropropa	0.376	0.338	0.378	0.366	0.359	0.368	0.364	4.00#
46) T	Dibromomethane	0.193	0.168	0.194	0.191	0.193	0.195	0.189	5.42
47) T	Bromodichlorometh	0.469	0.431	0.476	0.469	0.466	0.485	0.466	4.00
48) T	Methyl methacryla	0.201	0.179	0.221	0.234	0.252	0.260	0.224	13.74
49) T	1,4-Dioxane	0.003	0.003	0.003	0.003	0.003	0.003	0.003	11.38
50) S	Toluene-d8	1.190	1.170	1.189	1.353	1.288	1.279	1.245	5.84
51) T	4-Methyl-2-Pentan	0.232	0.204	0.242	0.257	0.275	0.274	0.247	11.02
52) CM	Toluene	0.908	0.836	0.916	0.888	0.861	0.886	0.883	3.35#

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	Compound	10	5	20	50	100	150	Avq	%RSD
53) T	t-1,3-Dichloropro	0.477	0.428	0.491	0.499	0.507	0.521	0.487	6.70
54) T	cis-1,3-Dichlorop	0.547	0.506	0.568	0.568	0.568	0.588	0.557	5.09
55) T	1,1,2-Trichloroet	0.275	0.255	0.269	0.266	0.260	0.271	0.266	2.76
56) T	Ethyl methacrylat	0.308	0.265	0.331	0.371	0.388	0.399	0.344	15.06
57) T	1,3-Dichloropropa	0.461	0.422	0.470	0.470	0.470	0.478	0.462	4.40
58) T	2-Chloroethyl Vin	0.153	0.120	0.167	0.165	0.164	0.177	0.158	12.51
59) T	2-Hexanone	0.163	0.138	0.172	0.181	0.196	0.195	0.174	12.57
60) T	Dibromochlorometh	0.302	0.280	0.312	0.314	0.320	0.330	0.310	5.54
61) T	1,2-Dibromoethane	0.252	0.219	0.259	0.255	0.262	0.271	0.253	7.06
62) S	4-Bromofluorobenz	0.421	0.414	0.430	0.491	0.469	0.468	0.449	6.91
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.359	0.348	0.342	0.334	0.336	0.340	0.343	2.70
65) PM	Chlorobenzene	1.103	1.079	1.077	1.053	1.026	1.041	1.063	2.64
66) T	1,1,1,2-Tetrachlo	0.379	0.349	0.376	0.373	0.363	0.377	0.369	3.14
67) C	Ethyl Benzene	1.875	1.748	1.898	1.903	1.869	1.912	1.868	3.27#
68) T	m/p-Xylenes	0.728	0.672	0.728	0.727	0.708	0.719	0.714	3.07
69) T	o-Xylene	0.652	0.612	0.681	0.682	0.666	0.680	0.662	4.11
70) T	Stvrene	1.082	0.983	1.123	1.150	1.143	1.156	1.106	5.99
71) P	Bromoform	0.200	0.185	0.206	0.215	0.222	0.224	0.209	7.06
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.556	3.319	3.556	3.527	3.511	3.729	3.533	3.70
74) T	N-amyl acetate	0.837	0.734	0.911	0.948	1.029	1.066	0.921	13.36
75) P	1,1,2,2-Tetrachlo	0.674	0.635	0.684	0.678	0.704	0.724	0.683	4.42
76) T	1,2,3-Trichloropr	0.563	0.445	0.500	0.469	0.494	0.508	0.496	8.08
77) T	Bromobenzene	0.850	0.829	0.859	0.830	0.827	0.878	0.845	2.44
78) T	n-propylbenzene	4.346	4.096	4.414	4.368	4.287	4.496	4.335	3.14
79) T	2-Chlorotoluene	2.472	2.359	2.497	2.399	2.418	2.523	2.445	2.57
80) T	1,3,5-Trimethylbe	2.990	2.787	3.061	2.993	2.931	3.078	2.973	3.56
81) T	trans-1,4-Dichlor	0.217	0.191	0.215	0.227	0.245	0.251	0.224	9.71
82) T	4-Chlorotoluene	2.686	2.602	2.661	2.588	2.517	2.687	2.624	2.56
83) T	tert-Butylbenzene	2.470	2.328	2.507	2.553	2.502	2.619	2.496	3.90
84) T	1,2,4-Trimethylbe	3.064	2.857	3.133	3.093	3.035	3.171	3.059	3.60
85) T	sec-Butylbenzene	3.780	3.535	3.744	3.749	3.632	3.783	3.704	2.69
86) T	p-Isopropyltoluen	3.260	3.029	3.304	3.325	3.228	3.347	3.249	3.58
87) T	1,3-Dichlorobenze	1.734	1.701	1.726	1.659	1.620	1.692	1.689	2.54
88) T	1,4-Dichlorobenze	1.776	1.769	1.711	1.632	1.604	1.667	1.693	4.20
89) T	n-Butylbenzene	3.170	3.100	3.230	3.256	3.158	3.249	3.194	1.93
90) T	Hexachloroethane	0.596	0.608	0.595	0.592	0.581	0.620	0.599	2.27
91) T	1,2-Dichlorobenze	1.522	1.514	1.547	1.473	1.452	1.518	1.504	2.33
92) T	1,2-Dibromo-3-Chl	0.117	0.115	0.118	0.119	0.129	0.131	0.122	5.47
93) T	1,2,4-Trichlorobe	1.062	1.012	1.072	1.056	1.046	1.092	1.057	2.55
94) T	Hexachlorobutadie	0.627	0.638	0.607	0.594	0.576	0.599	0.607	3.72
95) T	Naphthalene	1.791	1.611	1.883	2.027	2.171	2.219	1.950	11.96
96) T	1,2,3-Trichlorobe	0.920	0.911	0.930	0.938	0.937	0.977	0.935	2.43

(#) = Out of Range