

Method Path : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\
 Method File : 82W082918S.M
 Title : SW846 8260
 Last Update : Thu Aug 30 01:51:13 2018
 Response Via : Initial Calibration

Calibration Files

10 =VW004998.D 5 =VW004997.D 20 =VW004999.D
 50 =VW005000.D 100 =VW005002.D 150 =VW005003.D

	Compound	10	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.485	0.451	0.482	0.395	0.398	0.381	0.432	10.73
3) P	Chloromethane	0.638	0.654	0.657	0.570	0.580	0.582	0.613	6.57
4) C	Vinyl Chloride	0.646	0.647	0.645	0.574	0.589	0.572	0.612	6.15#
5) T	Bromomethane	0.439	0.487	0.402	0.364	0.346	0.365	0.400	13.48
6) T	Chloroethane	0.379	0.395	0.374	0.340	0.348	0.336	0.362	6.62
7) T	Trichlorofluorome	0.654	0.660	0.637	0.622	0.606	0.619	0.633	3.32
8) T	Diethyl Ether	0.179	0.183	0.179	0.172	0.185	0.184	0.180	2.70
9) T	1,1,2-Trichlorotr	0.411	0.437	0.399	0.382	0.369	0.347	0.391	8.17
10) T	Methyl Iodide	0.445	0.387	0.533	0.595	0.626	0.621	0.534	18.62
11) T	Tert butyl alcoho	0.026	0.031	0.023	0.021	0.023	0.025	0.025	14.65
12) CM	1,1-Dichloroethen	0.365	0.386	0.361	0.362	0.362	0.355	0.365	2.95#
13) T	Acrolein	0.028	0.028	0.026	0.029	0.031	0.033	0.029	8.48
14) T	Allyl chloride	0.535	0.557	0.544	0.561	0.587	0.590	0.562	3.94
15) T	Acrylonitrile	0.089	0.085	0.088	0.090	0.100	0.100	0.092	7.13
16) T	Acetone	0.079	0.084	0.070	0.072	0.077	0.081	0.077	7.20
17) T	Carbon Disulfide	1.514	1.542	1.539	1.507	1.570	1.536	1.535	1.46
18) T	Methyl Acetate	0.183	0.213	0.169	0.177	0.189	0.190	0.187	8.08
19) T	Methyl tert-butyl	0.735	0.713	0.767	0.804	0.853	0.836	0.785	7.12
20) T	Methylene Chlorid	0.729	0.958	0.627	0.547	0.527	0.510	0.650	26.36
21) T	trans-1,2-Dichlor	0.394	0.407	0.403	0.391	0.395	0.389	0.396	1.80
22) T	Diisopropyl ether	1.028	0.982	1.122	1.229	1.288	1.237	1.148	10.78
23) T	Vinyl Acetate	0.531	0.494	0.576	0.620	0.655	0.643	0.587	11.01
24) P	1,1-Dichloroethan	0.687	0.751	0.690	0.687	0.681	0.671	0.694	4.10
25) T	2-Butanone	0.123	0.118	0.116	0.118	0.124	0.124	0.120	2.93
26) T	2,2-Dichloropropa	0.643	0.691	0.622	0.591	0.566	0.543	0.609	8.89
27) T	cis-1,2-Dichloroe	0.422	0.454	0.429	0.419	0.433	0.430	0.431	2.91
28) T	Bromochloromethan	0.297	0.309	0.307	0.311	0.305	0.303	0.305	1.63
29) T	Tetrahydrofuran	0.060	0.055	0.058	0.059	0.066	0.066	0.061	7.25
30) C	Chloroform	0.692	0.740	0.684	0.662	0.663	0.657	0.683	4.58#
31) T	Cyclohexane	0.714	0.772	0.730	0.764	0.741	0.696	0.736	3.96
32) T	1,1,1-Trichloroet	0.640	0.645	0.647	0.637	0.613	0.588	0.628	3.68
33) S	1,2-Dichloroethan	0.355	0.379	0.342	0.324	0.320	0.331	0.342	6.46
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.250	0.260	0.249	0.238	0.237	0.253	0.248	3.54
36) T	1,1-Dichloroprope	0.392	0.401	0.436	0.453	0.444	0.417	0.424	5.79
37) T	Ethyl Acetate	0.155	0.131	0.159	0.151	0.164	0.157	0.153	7.69
38) T	Carbon Tetrachlor	0.415	0.429	0.427	0.410	0.396	0.383	0.410	4.42
39) T	Methylcyclohexane	0.512	0.526	0.569	0.609	0.658	0.630	0.584	9.99
40) TM	Benzene	1.289	1.320	1.404	1.419	1.404	1.301	1.356	4.36
41) T	Methacrylonitrile	0.099	0.076	0.086	0.086	0.095	0.092	0.089	9.28
42) TM	1,2-Dichloroethan	0.309	0.326	0.314	0.291	0.287	0.284	0.302	5.62
43) T	Isopropyl Acetate	0.286	0.287	0.291	0.305	0.330	0.323	0.304	6.27
44) TM	Trichloroethene	0.332	0.340	0.356	0.360	0.353	0.336	0.346	3.29
45) C	1,2-Dichloropropa	0.298	0.299	0.317	0.326	0.318	0.304	0.310	3.65#
46) T	Dibromomethane	0.148	0.156	0.153	0.141	0.142	0.141	0.147	4.29
47) T	Bromodichlorometh	0.359	0.370	0.374	0.359	0.361	0.354	0.363	2.09
48) T	Methyl methacryla	0.140	0.131	0.149	0.174	0.191	0.184	0.161	15.51
49) T	1,4-Dioxane	0.003	0.003	0.003	0.003	0.003	0.003	0.003	5.68
50) S	Toluene-d8	1.331	1.330	1.391	1.341	1.359	1.410	1.360	2.46
51) T	4-Methyl-2-Pentan	0.217	0.202	0.220	0.232	0.251	0.244	0.228	7.98
52) CM	Toluene	0.969	0.977	1.048	1.006	1.030	1.006	1.006	3.00#

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	Compound	10	5	20	50	100	150	Avq	%RSD
53) T	t-1,3-Dichloropro	0.343	0.356	0.381	0.405	0.426	0.413	0.388	8.57
54) T	cis-1,3-Dichlorop	0.418	0.403	0.461	0.479	0.482	0.469	0.452	7.39
55) T	1,1,2-Trichloroet	0.229	0.260	0.241	0.238	0.244	0.230	0.240	4.77
56) T	Ethyl methacrylat	0.282	0.258	0.305	0.327	0.363	0.357	0.315	13.15
57) T	1,3-Dichloropropa	0.381	0.377	0.398	0.406	0.417	0.395	0.396	3.78
58) T	2-Chloroethyl Vin	0.119	0.108	0.132	0.145	0.156	0.155	0.136	14.50
59) T	2-Hexanone	0.159	0.145	0.158	0.168	0.181	0.178	0.165	8.30
60) T	Dibromochlorometh	0.246	0.246	0.264	0.274	0.281	0.272	0.264	5.59
61) T	1,2-Dibromoethane	0.215	0.210	0.222	0.230	0.243	0.232	0.225	5.34
62) S	4-Bromofluorobenz	0.491	0.488	0.506	0.476	0.491	0.524	0.496	3.32
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.354	0.368	0.370	0.380	0.377	0.338	0.365	4.34
65) PM	Chlorobenzene	1.067	1.105	1.113	1.109	1.134	1.064	1.099	2.51
66) T	1,1,1,2-Tetrachlo	0.282	0.280	0.297	0.319	0.327	0.305	0.302	6.44
67) C	Ethyl Benzene	1.746	1.746	1.883	1.965	2.028	1.917	1.881	6.13#
68) T	m/p-Xylenes	0.716	0.697	0.785	0.804	0.821	0.779	0.767	6.45
69) T	o-Xylene	0.625	0.622	0.710	0.742	0.770	0.736	0.701	8.98
70) T	Styrene	1.044	1.001	1.179	1.244	1.283	1.226	1.163	9.86
71) P	Bromoform	0.157	0.155	0.159	0.175	0.188	0.174	0.168	7.80
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	2.962	2.914	3.382	3.535	3.699	3.506	3.333	9.68
74) T	N-amyl acetate	0.566	0.528	0.592	0.653	0.735	0.700	0.629	12.78
75) P	1,1,2,2-Tetrachlo	0.490	0.484	0.486	0.519	0.550	0.499	0.505	5.04
76) T	1,2,3-Trichloropr	0.332	0.335	0.401	0.354	0.364	0.339	0.354	7.34
77) T	Bromobenzene	0.769	0.800	0.825	0.836	0.864	0.813	0.818	3.95
78) T	n-propylbenzene	3.648	3.685	4.216	4.357	4.528	4.234	4.111	8.81
79) T	2-Chlorotoluene	2.180	2.231	2.422	2.464	2.547	2.403	2.375	5.93
80) T	1,3,5-Trimethylbe	2.610	2.550	3.045	3.123	3.241	3.101	2.945	9.87
81) T	trans-1,4-Dichlor	0.143	0.135	0.144	0.166	0.183	0.169	0.157	11.97
82) T	4-Chlorotoluene	2.373	2.367	2.626	2.592	2.708	2.514	2.530	5.48
83) T	tert-Butylbenzene	2.202	2.185	2.470	2.619	2.763	2.602	2.473	9.54
84) T	1,2,4-Trimethylbe	2.652	2.604	3.058	3.166	3.293	3.155	2.988	9.68
85) T	sec-Butylbenzene	3.273	3.265	3.690	3.846	3.986	3.725	3.631	8.23
86) T	p-Isopropyltoluen	2.874	2.805	3.311	3.478	3.630	3.418	3.253	10.36
87) T	1,3-Dichlorobenze	1.654	1.758	1.771	1.758	1.786	1.675	1.734	3.18
88) T	1,4-Dichlorobenze	1.654	1.768	1.739	1.731	1.755	1.656	1.717	2.89
89) T	n-Butylbenzene	2.644	2.738	3.017	3.257	3.428	3.238	3.054	10.19
90) T	Hexachloroethane	0.469	0.489	0.503	0.531	0.558	0.518	0.511	6.15
91) T	1,2-Dichlorobenze	1.467	1.526	1.538	1.546	1.584	1.495	1.526	2.67
92) T	1,2-Dibromo-3-Chl	0.085	0.083	0.081	0.086	0.095	0.094	0.087	6.85
93) T	1,2,4-Trichlorobe	0.958	0.978	1.021	1.107	1.165	1.185	1.069	9.05
94) T	Hexachlorobutadie	0.635	0.677	0.664	0.687	0.693	0.659	0.669	3.16
95) T	Naphthalene	1.477	1.389	1.576	1.855	2.089	2.138	1.754	18.23
96) T	1,2,3-Trichlorobe	0.861	0.877	0.896	0.969	1.021	1.043	0.945	8.22

(#) = Out of Range