

Method Path : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\
 Method File : 82X082919S.M
 Title : SW846 8260
 Last Update : Fri Aug 30 01:59:05 2019
 Response Via : Initial Calibration

Calibration Files

10 =VX011885.D 5 =VX011884.D 20 =VX011886.D
 50 =VX011887.D 100 =VX011888.D 150 =VX011889.D

	Compound	10	5	20	50	100	150	Avq	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.331	0.344	0.335	0.283	0.275	0.242	0.302	13.52
3) P	Chloromethane	0.367	0.370	0.370	0.340	0.334	0.319	0.350	6.25
4) C	Vinyl Chloride	0.345	0.351	0.354	0.325	0.327	0.303	0.334	5.81#
5) T	Bromomethane	0.262	0.271	0.230	0.219	0.207	0.198	0.231	12.71
6) T	Chloroethane	0.213	0.219	0.215	0.206	0.204	0.189	0.208	5.17
7) T	Trichlorofluorome	0.606	0.632	0.605	0.569	0.565	0.503	0.580	7.80
8) T	Diethyl Ether	0.204	0.220	0.210	0.191	0.192	0.179	0.199	7.45
9) T	1,1,2-Trichlorotr	0.390	0.416	0.394	0.371	0.375	0.324	0.378	8.18
10) T	Methyl Iodide	0.278	0.236	0.326	0.392	0.453	0.427	0.352	24.48
11) T	Tert butyl alcoho	0.047	0.049	0.049	0.044	0.044	0.043	0.046	5.56
12) CM	1,1-Dichloroethen	0.361	0.368	0.358	0.351	0.352	0.317	0.351	5.05#
13) T	Acrolein	0.023	0.026	0.024	0.022	0.020	0.023	0.023	8.93
14) T	Allyl chloride	0.673	0.671	0.671	0.659	0.667	0.611	0.659	3.63
15) T	Acrylonitrile	0.109	0.106	0.116	0.111	0.109	0.106	0.110	3.49
16) T	Acetone	0.109	0.116	0.107	0.098	0.094	0.094	0.103	8.82
17) T	Carbon Disulfide	0.993	1.058	0.986	1.031	1.034	0.942	1.007	4.17
18) T	Methyl Acetate	0.294	0.285	0.297	0.271	0.268	0.296	0.285	4.52
19) T	Methyl tert-butyl	1.179	1.112	1.189	1.129	1.139	1.079	1.138	3.63
20) T	Methylene Chlorid	0.588	0.676	0.524	0.445	0.432	0.404	0.512	20.58
21) T	trans-1,2-Dichlor	0.430	0.416	0.419	0.414	0.418	0.385	0.414	3.63
22) T	Diisopropyl ether	1.393	1.350	1.393	1.339	1.349	1.246	1.345	4.00
23) T	Vinyl Acetate	0.872	0.836	0.903	0.891	0.880	0.805	0.865	4.27
24) P	1,1-Dichloroethan	0.767	0.747	0.756	0.742	0.751	0.688	0.742	3.74
25) T	2-Butanone	0.150	0.142	0.161	0.152	0.149	0.147	0.150	4.21
26) T	2,2-Dichloropropa	0.647	0.651	0.641	0.614	0.614	0.565	0.622	5.20
27) T	cis-1,2-Dichloroe	0.496	0.488	0.496	0.489	0.493	0.461	0.487	2.77
28) T	Bromochloromethan	0.332	0.321	0.357	0.371	0.308	0.308	0.333	7.79
29) T	Tetrahydrofuran	0.094	0.089	0.098	0.095	0.094	0.092	0.094	3.48
30) C	Chloroform	0.820	0.801	0.815	0.784	0.797	0.740	0.793	3.63#
31) T	Cyclohexane	0.640	0.662	0.629	0.580	0.576	0.502	0.598	9.68
32) T	1,1,1-Trichloroet	0.713	0.734	0.719	0.700	0.712	0.649	0.704	4.14
33) S	1,2-Dichloroethan	0.496	0.496	0.470	0.486	0.467	0.460	0.479	3.25
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.340	0.297	0.334	0.326	0.320	0.306	0.321	5.13
36) T	1,1-Dichloroprope	0.401	0.427	0.406	0.394	0.398	0.350	0.396	6.36
37) T	Ethyl Acetate	0.231	0.231	0.246	0.240	0.237	0.222	0.234	3.51
38) T	Carbon Tetrachlor	0.458	0.485	0.476	0.456	0.468	0.413	0.459	5.47
39) T	Methylcyclohexane	0.493	0.535	0.499	0.454	0.458	0.393	0.472	10.38
40) TM	Benzene	1.211	1.212	1.209	1.186	1.197	1.079	1.182	4.37
41) T	Methacrylonitrile	0.139	0.130	0.147	0.139	0.140	0.134	0.138	4.29
42) TM	1,2-Dichloroethan	0.412	0.403	0.412	0.406	0.407	0.373	0.402	3.66
43) T	Isopropyl Acetate	0.478	0.458	0.505	0.480	0.482	0.450	0.475	4.10
44) TM	Trichloroethene	0.372	0.383	0.372	0.364	0.372	0.331	0.366	4.91
45) C	1,2-Dichloropropa	0.320	0.307	0.324	0.309	0.314	0.283	0.309	4.70#
46) T	Dibromomethane	0.184	0.187	0.188	0.183	0.187	0.173	0.184	3.01
47) T	Bromodichlorometh	0.457	0.458	0.468	0.458	0.464	0.427	0.455	3.24
48) T	Methyl methacryla	0.226	0.224	0.244	0.235	0.235	0.224	0.231	3.48
49) T	1,4-Dioxane	0.003	0.003	0.004	0.003	0.003	0.003	0.003	6.47
50) S	Toluene-d8	1.135	1.228	1.104	1.200	1.137	1.074	1.146	5.07
51) T	4-Methyl-2-Pentan	0.243	0.238	0.259	0.244	0.238	0.228	0.242	4.30
52) CM	Toluene	0.814	0.810	0.794	0.779	0.785	0.711	0.782	4.78#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.465	0.455	0.486	0.468	0.479	0.443	0.466	3.38
54) T	cis-1,3-Dichlorop	0.532	0.519	0.545	0.524	0.533	0.486	0.523	3.91
55) T	1,1,2-Trichloroet	0.282	0.279	0.273	0.264	0.267	0.248	0.269	4.57
56) T	Ethyl methacrylat	0.373	0.362	0.392	0.376	0.379	0.355	0.373	3.49
57) T	1,3-Dichloropropa	0.463	0.447	0.464	0.443	0.445	0.414	0.446	4.06
58) T	2-Chloroethyl Vin	0.175	0.173	0.186	0.191	0.172	0.170	0.178	4.79
59) T	2-Hexanone	0.172	0.167	0.186	0.173	0.169	0.163	0.172	4.49
60) T	Dibromochlorometh	0.364	0.354	0.371	0.361	0.371	0.345	0.361	2.82
61) T	1,2-Dibromoethane	0.270	0.262	0.278	0.266	0.269	0.253	0.266	3.25
62) S	4-Bromofluorobenz	0.570	0.508	0.539	0.488	0.462	0.449	0.503	9.14
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.416	0.443	0.414	0.394	0.397	0.350	0.402	7.75
65) PM	Chlorobenzene	1.016	0.987	1.000	0.955	0.975	0.880	0.969	4.99
66) T	1,1,1,2-Tetrachlo	0.400	0.398	0.400	0.387	0.403	0.362	0.392	4.00
67) C	Ethyl Benzene	1.728	1.718	1.702	1.638	1.642	1.462	1.648	6.01#
68) T	m/p-Xylenes	0.658	0.658	0.659	0.636	0.636	0.571	0.636	5.30
69) T	o-Xylene	0.640	0.641	0.635	0.616	0.626	0.563	0.620	4.76
70) T	Styrene	1.109	1.099	1.140	1.102	1.108	1.001	1.093	4.35
71) P	Bromoform	0.271	0.270	0.282	0.276	0.289	0.273	0.277	2.61
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.043	3.075	2.933	2.801	2.871	2.514	2.873	7.10
74) T	N-amyl acetate	0.861	0.871	0.894	0.846	0.864	0.779	0.853	4.62
75) P	1,1,2,2-Tetrachlo	0.605	0.596	0.616	0.580	0.588	0.544	0.588	4.26
76) T	1,2,3-Trichloropr	0.505	0.498	0.515	0.488	0.493	0.451	0.492	4.47
77) T	Bromobenzene	0.868	0.863	0.842	0.811	0.847	0.768	0.833	4.52
78) T	n-propylbenzene	3.466	3.413	3.340	3.219	3.246	2.863	3.258	6.61
79) T	2-Chlorotoluene	2.064	2.087	1.991	1.915	1.962	1.747	1.961	6.26
80) T	1,3,5-Trimethylbe	2.598	2.587	2.536	2.452	2.498	2.206	2.480	5.84
81) T	trans-1,4-Dichlor	0.197	0.201	0.199	0.190	0.199	0.188	0.196	2.68
82) T	4-Chlorotoluene	2.514	2.525	2.415	2.321	2.341	2.079	2.366	6.94
83) T	tert-Butylbenzene	2.644	2.634	2.571	2.460	2.534	2.253	2.516	5.80
84) T	1,2,4-Trimethylbe	2.658	2.705	2.592	2.489	2.524	2.280	2.541	5.95
85) T	sec-Butylbenzene	3.113	3.072	2.984	2.885	2.915	2.566	2.923	6.69
86) T	p-Isopropyltoluen	2.984	2.950	2.904	2.797	2.844	2.525	2.834	5.86
87) T	1,3-Dichlorobenze	1.615	1.617	1.565	1.521	1.564	1.410	1.549	4.98
88) T	1,4-Dichlorobenze	1.618	1.664	1.596	1.533	1.570	1.411	1.565	5.60
89) T	n-Butylbenzene	2.652	2.677	2.568	2.453	2.494	2.200	2.507	6.93
90) T	Hexachloroethane	0.581	0.539	0.558	0.532	0.569	0.511	0.548	4.67
91) T	1,2-Dichlorobenze	1.474	1.508	1.474	1.417	1.450	1.315	1.440	4.73
92) T	1,2-Dibromo-3-Chl	0.118	0.118	0.122	0.117	0.117	0.111	0.117	2.93
93) T	1,2,4-Trichlorobe	1.267	1.228	1.225	1.192	1.229	1.133	1.212	3.74
94) T	Hexachlorobutadie	0.859	0.822	0.816	0.792	0.832	0.737	0.810	5.14
95) T	Naphthalene	2.088	2.067	2.143	2.108	2.091	1.986	2.081	2.54
96) T	1,2,3-Trichlorobe	1.140	1.115	1.116	1.090	1.088	1.029	1.096	3.49

(#) = Out of Range