

Method Path : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\
 Method File : 82W110918S.M
 Title : SW846 8260
 Last Update : Mon Nov 12 00:52:45 2018
 Response Via : Initial Calibration

Calibration Files

10 =VW006783.D 5 =VW006782.D 20 =VW006784.D
 50 =VW006785.D 100 =VW006787.D 150 =VW006788.D

	Compound	10	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.492	0.361	0.469	0.374	0.393	0.351	0.407	14.63
3) P	Chloromethane	0.557	0.478	0.545	0.457	0.468	0.424	0.488	10.70
4) C	Vinyl Chloride	0.575	0.504	0.565	0.491	0.498	0.446	0.513	9.50#
5) T	Bromomethane	0.412	0.380	0.366	0.340	0.316	0.261	0.346	15.31
6) T	Chloroethane	0.381	0.360	0.361	0.309	0.318	0.285	0.336	11.05
7) T	Trichlorofluorome	0.704	0.651	0.688	0.586	0.640	0.599	0.645	7.26
8) T	Diethyl Ether	0.190	0.193	0.198	0.168	0.191	0.185	0.188	5.69
9) T	1,1,2-Trichlorotr	0.472	0.468	0.457	0.383	0.407	0.383	0.428	9.83
10) T	Methyl Iodide	0.600	0.543	0.619	0.589	0.638	0.581	0.595	5.53
11) T	Tert butyl alcoho	0.025	0.024	0.023	0.021	0.026	0.025	0.024	6.67
12) CM	1,1-Dichloroethen	0.371	0.342	0.380	0.330	0.371	0.349	0.357	5.50#
13) T	Acrolein	0.025	0.024	0.026	0.023	0.027	0.026	0.025	6.14
14) T	Allyl chloride	0.485	0.471	0.502	0.448	0.503	0.480	0.481	4.31
15) T	Acrylonitrile	0.076	0.069	0.076	0.071	0.081	0.076	0.075	5.75
16) T	Acetone	0.055	0.063	0.052	0.045	0.053	0.051	0.053	11.07
17) T	Carbon Disulfide	1.196	1.105	1.227	1.141	1.243	1.158	1.178	4.51
18) T	Methyl Acetate	0.187	0.224	0.181	0.159	0.188	0.179	0.186	11.41
19) T	Methyl tert-butyl	0.881	0.811	0.949	0.822	0.920	0.866	0.875	6.16
20) T	Methylene Chlorid	0.595	0.699	0.521	0.437	0.431	0.393	0.513	22.80
21) T	trans-1,2-Dichlor	0.452	0.430	0.451	0.392	0.429	0.410	0.427	5.42
22) T	Diisopropyl ether	1.009	0.932	1.109	0.966	1.063	1.009	1.015	6.31
23) T	Vinyl Acetate	0.578	0.493	0.631	0.555	0.624	0.591	0.579	8.74
24) P	1,1-Dichloroethan	0.685	0.666	0.699	0.618	0.671	0.643	0.664	4.43
25) T	2-Butanone	0.090	0.086	0.092	0.081	0.091	0.086	0.088	4.80
26) T	2,2-Dichloropropa	0.688	0.697	0.673	0.573	0.604	0.559	0.632	9.63
27) T	cis-1,2-Dichloroe	0.474	0.452	0.487	0.421	0.468	0.447	0.458	5.10
28) T	Bromochloromethan	0.250	0.256	0.253	0.235	0.251	0.248	0.249	2.97
29) T	Tetrahydrofuran	0.059	0.054	0.058	0.053	0.062	0.059	0.057	5.52
30) C	Chloroform	0.767	0.778	0.771	0.673	0.729	0.696	0.736	5.95#
31) T	Cyclohexane	0.751	0.778	0.740	0.620	0.636	0.576	0.684	12.16
32) T	1,1,1-Trichloroet	0.757	0.740	0.754	0.642	0.669	0.627	0.698	8.45
33) S	1,2-Dichloroethan	0.399	0.404	0.385	0.320	0.337	0.354	0.366	9.43
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.304	0.290	0.292	0.261	0.275	0.286	0.285	5.25
36) T	1,1-Dichloroprope	0.480	0.461	0.503	0.429	0.448	0.401	0.454	8.00
37) T	Ethyl Acetate	0.174	0.162	0.166	0.147	0.165	0.152	0.161	6.11
38) T	Carbon Tetrachlor	0.520	0.515	0.525	0.448	0.471	0.431	0.485	8.38
39) T	Methylcyclohexane	0.579	0.548	0.593	0.566	0.620	0.560	0.578	4.46
40) TM	Benzene	1.334	1.294	1.372	1.223	1.296	1.168	1.281	5.80
41) T	Methacrylonitrile	0.097	0.085	0.096	0.081	0.103	0.098	0.093	9.04
42) TM	1,2-Dichloroethan	0.368	0.369	0.371	0.324	0.343	0.318	0.349	6.88
43) T	Isopropyl Acetate	0.296	0.287	0.307	0.283	0.328	0.310	0.302	5.58
44) TM	Trichloroethene	0.409	0.403	0.435	0.371	0.391	0.355	0.394	7.16
45) C	1,2-Dichloropropa	0.316	0.312	0.327	0.282	0.298	0.270	0.301	7.25#
46) T	Dibromomethane	0.178	0.170	0.177	0.160	0.169	0.160	0.169	4.59
47) T	Bromodichlorometh	0.425	0.427	0.442	0.384	0.407	0.375	0.410	6.41
48) T	Methyl methacryla	0.139	0.125	0.144	0.139	0.160	0.148	0.142	8.03
49) T	1,4-Dioxane	0.003	0.003	0.002	0.003	0.003	0.002	0.003	4.52
50) S	Toluene-d8	1.285	1.233	1.235	1.136	1.153	1.143	1.198	5.15
51) T	4-Methyl-2-Pentan	0.156	0.146	0.155	0.152	0.169	0.154	0.155	4.97
52) CM	Toluene	0.925	0.881	0.934	0.897	0.929	0.838	0.901	4.11#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.386	0.356	0.419	0.390	0.433	0.401	0.397	6.85
54) T	cis-1,3-Dichlorop	0.471	0.448	0.508	0.450	0.495	0.455	0.471	5.30
55) T	1,1,2-Trichloroet	0.252	0.260	0.257	0.234	0.257	0.233	0.249	4.92
56) T	Ethyl methacrylat	0.256	0.234	0.268	0.285	0.314	0.292	0.275	10.30
57) T	1,3-Dichloropropa	0.401	0.397	0.424	0.379	0.409	0.376	0.398	4.59
58) T	2-Chloroethyl Vin	0.131	0.123	0.138	0.133	0.151	0.145	0.137	7.28
59) T	2-Hexanone	0.104	0.092	0.104	0.108	0.118	0.106	0.105	7.88
60) T	Dibromochlorometh	0.297	0.281	0.312	0.286	0.322	0.297	0.299	5.10
61) T	1,2-Dibromoethane	0.242	0.233	0.250	0.229	0.252	0.231	0.239	4.15
62) S	4-Bromofluorobenz	0.463	0.440	0.441	0.418	0.425	0.430	0.436	3.67
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.405	0.385	0.397	0.370	0.386	0.349	0.382	5.18
65) PM	Chlorobenzene	1.117	1.065	1.115	1.030	1.082	0.977	1.064	5.07
66) T	1,1,1,2-Tetrachlo	0.348	0.315	0.361	0.325	0.361	0.336	0.341	5.61
67) C	Ethyl Benzene	1.800	1.707	1.861	1.771	1.890	1.713	1.790	4.20#
68) T	m/p-Xylenes	0.733	0.686	0.769	0.721	0.772	0.701	0.730	4.80
69) T	o-Xylene	0.664	0.621	0.698	0.668	0.723	0.660	0.672	5.23
70) T	Stvrene	1.068	0.956	1.140	1.103	1.198	1.092	1.093	7.41
71) P	Bromoform	0.181	0.168	0.192	0.182	0.212	0.199	0.189	8.10
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.112	2.960	3.314	3.202	3.474	3.240	3.217	5.45
74) T	N-amyl acetate	0.502	0.447	0.527	0.524	0.591	0.555	0.524	9.26
75) P	1,1,2,2-Tetrachlo	0.489	0.454	0.495	0.459	0.506	0.474	0.479	4.34
76) T	1,2,3-Trichloropr	0.353	0.348	0.383	0.352	0.386	0.366	0.365	4.50
77) T	Bromobenzene	0.850	0.815	0.869	0.811	0.854	0.792	0.832	3.61
78) T	n-propylbenzene	3.766	3.562	4.002	3.802	4.052	3.750	3.822	4.71
79) T	2-Chlorotoluene	2.139	2.105	2.254	2.106	2.239	2.077	2.153	3.47
80) T	1,3,5-Trimethylbe	2.783	2.608	2.934	2.761	2.926	2.712	2.787	4.51
81) T	trans-1,4-Dichlor	0.120	0.118	0.136	0.135	0.159	0.155	0.137	12.63
82) T	4-Chlorotoluene	2.333	2.207	2.419	2.252	2.384	2.215	2.301	3.90
83) T	tert-Butylbenzene	2.363	2.218	2.480	2.407	2.581	2.402	2.408	5.03
84) T	1,2,4-Trimethylbe	2.847	2.661	3.040	2.844	2.991	2.751	2.856	4.99
85) T	sec-Butylbenzene	3.430	3.228	3.587	3.428	3.641	3.369	3.447	4.35
86) T	p-Isopropyltoluen	3.102	2.850	3.313	3.176	3.345	3.079	3.144	5.74
87) T	1,3-Dichlorobenze	1.746	1.709	1.755	1.645	1.713	1.572	1.690	4.13
88) T	1,4-Dichlorobenze	1.754	1.740	1.767	1.629	1.676	1.532	1.683	5.38
89) T	n-Butylbenzene	2.913	2.713	3.050	2.899	3.041	2.796	2.902	4.57
90) T	Hexachloroethane	0.480	0.444	0.506	0.496	0.532	0.502	0.493	6.00
91) T	1,2-Dichlorobenze	1.550	1.478	1.564	1.445	1.482	1.352	1.478	5.20
92) T	1,2-Dibromo-3-Chl	0.077	0.076	0.077	0.077	0.081	0.076	0.077	2.68
93) T	1,2,4-Trichlorobe	1.127	1.067	1.150	1.100	1.104	1.018	1.094	4.25
94) T	Hexachlorobutadie	0.739	0.729	0.716	0.685	0.655	0.608	0.689	7.28
95) T	Naphthalene	1.595	1.384	1.672	1.760	1.876	1.761	1.675	10.22
96) T	1,2,3-Trichlorobe	0.984	0.916	0.982	0.963	0.951	0.884	0.947	4.17

(#) = Out of Range