

Method Path : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\
 Method File : 82W110218S.M
 Title : SW846 8260
 Last Update : Thu Nov 01 03:48:08 2018
 Response Via : Initial Calibration

Calibration Files

10 =VW006543.D 5 =VW006542.D 20 =VW006544.D
 50 =VW006545.D 100 =VW006547.D 150 =VW006548.D

	Compound	10	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.306	0.239	0.294	0.240	0.237	0.240	0.259	12.16
3) P	Chloromethane	0.348	0.330	0.345	0.294	0.294	0.312	0.321	7.54
4) C	Vinyl Chloride	0.500	0.448	0.494	0.427	0.401	0.418	0.448	9.12#
5) T	Bromomethane	0.413	0.376	0.415	0.358	0.342	0.351	0.376	8.41
6) T	Chloroethane	0.341	0.317	0.345	0.298	0.285	0.291	0.313	8.25
7) T	Trichlorofluorome	0.415	0.367	0.413	0.379	0.391	0.408	0.395	5.00
8) T	Diethyl Ether	0.230	0.234	0.224	0.205	0.206	0.199	0.216	6.79
9) T	1,1,2-Trichlorotr	0.451	0.415	0.459	0.410	0.398	0.402	0.422	6.16
10) T	Methyl Iodide	0.822	0.766	0.825	0.739	0.711	0.730	0.766	6.32
11) T	Tert butyl alcoho	0.024	0.024	0.024	0.022	0.024	0.021	0.023	6.16
12) CM	1,1-Dichloroethen	0.434	0.411	0.434	0.392	0.382	0.393	0.408	5.48#
13) T	Acrolein	0.029	0.030	0.030	0.028	0.031	0.027	0.029	5.36
14) T	Allyl chloride	0.545	0.510	0.563	0.522	0.528	0.527	0.532	3.52
15) T	Acrylonitrile	0.075	0.080	0.079	0.075	0.083	0.073	0.078	4.72
16) T	Acetone	0.071	0.077	0.073	0.066	0.069	0.061	0.069	8.30
17) T	Carbon Disulfide	1.206	1.087	1.232	1.138	1.129	1.172	1.161	4.60
18) T	Methyl Acetate	0.192	0.218	0.205	0.189	0.210	0.184	0.200	6.64
19) T	Methyl tert-butyl	0.627	0.625	0.646	0.586	0.606	0.553	0.607	5.51
20) T	Methylene Chlorid	0.675	0.699	0.574	0.459	0.422	0.413	0.540	23.62
21) T	trans-1,2-Dichlor	0.491	0.451	0.492	0.447	0.444	0.444	0.461	5.03
22) T	Diisopropyl ether	1.148	1.070	1.185	1.093	1.092	1.071	1.110	4.18
23) T	Vinyl Acetate	0.598	0.572	0.644	0.611	0.656	0.611	0.615	5.00
24) P	1,1-Dichloroethan	0.786	0.756	0.801	0.730	0.718	0.722	0.752	4.66
25) T	2-Butanone	0.098	0.102	0.102	0.096	0.106	0.090	0.099	5.53
26) T	2,2-Dichloropropa	0.488	0.471	0.479	0.428	0.428	0.425	0.453	6.47
27) T	cis-1,2-Dichloroe	0.540	0.513	0.547	0.502	0.498	0.498	0.516	4.22
28) T	Bromochloromethan	0.299	0.319	0.301	0.296	0.298	0.278	0.299	4.39
29) T	Tetrahydrofuran	0.060	0.063	0.063	0.061	0.068	0.059	0.062	5.52
30) C	Chloroform	0.867	0.819	0.884	0.805	0.792	0.782	0.825	5.04#
31) T	Cyclohexane	0.750	0.786	0.725	0.621	0.616	0.609	0.685	11.43
32) T	1,1,1-Trichloroet	0.729	0.680	0.747	0.678	0.678	0.675	0.698	4.53
33) S	1,2-Dichloroethan	0.422	0.447	0.430	0.432	0.444	0.403	0.430	3.68

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.324	0.308	0.309	0.315	0.325	0.303	0.314	2.85
36) T	1,1-Dichloroprope	0.470	0.441	0.469	0.422	0.421	0.415	0.440	5.65
37) T	Ethyl Acetate	0.153	0.149	0.153	0.144	0.169	0.147	0.152	5.61
38) T	Carbon Tetrachlor	0.481	0.431	0.491	0.446	0.455	0.453	0.459	4.89
39) T	Methylcyclohexane	0.589	0.527	0.596	0.542	0.553	0.541	0.558	5.02
40) TM	Benzene	1.326	1.205	1.333	1.214	1.212	1.202	1.249	5.04
41) T	Methacrylonitrile	0.089	0.097	0.097	0.089	0.096	0.092	0.093	4.44
42) TM	1,2-Dichloroethan	0.378	0.362	0.379	0.345	0.352	0.332	0.358	5.23
43) T	Isopropyl Acetate	0.295	0.292	0.308	0.292	0.339	0.298	0.304	5.93
44) TM	Trichloroethene	0.417	0.375	0.405	0.375	0.374	0.367	0.385	5.21
45) C	1,2-Dichloropropa	0.306	0.273	0.313	0.284	0.288	0.280	0.291	5.36#
46) T	Dibromomethane	0.176	0.167	0.182	0.165	0.173	0.162	0.171	4.33
47) T	Bromodichlorometh	0.400	0.365	0.415	0.397	0.406	0.397	0.397	4.25
48) T	Methyl methacryla	0.140	0.132	0.150	0.146	0.165	0.146	0.146	7.41
49) T	1,4-Dioxane	0.002	0.002	0.003	0.003	0.003	0.002	0.003	4.36
50) S	Toluene-d8	1.194	1.152	1.191	1.210	1.245	1.176	1.195	2.62
51) T	4-Methyl-2-Pentan	0.149	0.151	0.160	0.152	0.175	0.150	0.156	6.45
52) CM	Toluene	0.876	0.807	0.892	0.814	0.821	0.817	0.838	4.33#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.367	0.332	0.395	0.388	0.412	0.397	0.382	7.49
54) T	cis-1,3-Dichlorop	0.446	0.410	0.477	0.450	0.468	0.457	0.451	5.18
55) T	1,1,2-Trichloroet	0.254	0.235	0.254	0.234	0.248	0.230	0.242	4.41
56) T	Ethyl methacrylat	0.264	0.240	0.280	0.276	0.310	0.283	0.276	8.33
57) T	1,3-Dichloropropa	0.404	0.396	0.409	0.381	0.400	0.372	0.394	3.61
58) T	2-Chloroethyl Vin	0.130	0.127	0.135	0.128	0.152	0.131	0.134	6.80
59) T	2-Hexanone	0.099	0.101	0.110	0.104	0.120	0.102	0.106	7.46
60) T	Dibromochlorometh	0.275	0.256	0.296	0.291	0.310	0.295	0.287	6.57
61) T	1,2-Dibromoethane	0.242	0.230	0.253	0.236	0.251	0.232	0.241	3.98
62) S	4-Bromofluorobenz	0.433	0.422	0.431	0.442	0.450	0.420	0.433	2.69
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.426	0.391	0.423	0.387	0.380	0.384	0.399	5.13
65) PM	Chlorobenzene	1.122	1.018	1.122	1.024	1.010	1.018	1.052	5.13
66) T	1,1,1,2-Tetrachlo	0.374	0.343	0.389	0.368	0.370	0.376	0.370	4.14
67) C	Ethyl Benzene	1.869	1.633	1.878	1.729	1.712	1.730	1.759	5.46#
68) T	m/p-Xylenes	0.734	0.653	0.751	0.696	0.687	0.694	0.703	5.01
69) T	o-Xylene	0.698	0.611	0.707	0.667	0.659	0.672	0.669	5.08
70) T	Styrene	1.112	0.973	1.158	1.102	1.091	1.108	1.091	5.67
71) P	Bromoform	0.181	0.172	0.194	0.199	0.221	0.210	0.196	9.20
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.437	3.062	3.458	3.211	3.282	3.313	3.294	4.47
74) T	N-amyl acetate	0.544	0.519	0.566	0.553	0.644	0.588	0.569	7.61
75) P	1,1,2,2-Tetrachlo	0.522	0.505	0.538	0.497	0.558	0.502	0.520	4.61
76) T	1,2,3-Trichloropr	0.400	0.408	0.409	0.381	0.354	0.388	0.390	5.34
77) T	Bromobenzene	0.895	0.833	0.901	0.824	0.836	0.828	0.853	4.15
78) T	n-propylbenzene	4.030	3.491	4.042	3.694	3.739	3.734	3.789	5.60
79) T	2-Chlorotoluene	2.304	2.065	2.318	2.103	2.131	2.125	2.174	4.99
80) T	1,3,5-Trimethylbe	2.933	2.500	2.975	2.721	2.735	2.739	2.767	6.17
81) T	trans-1,4-Dichlor	0.116	0.100	0.134	0.137	0.167	0.152	0.134	18.05
82) T	4-Chlorotoluene	2.466	2.167	2.435	2.241	2.259	2.234	2.300	5.25
83) T	tert-Butylbenzene	2.591	2.241	2.626	2.423	2.462	2.464	2.468	5.55
84) T	1,2,4-Trimethylbe	3.007	2.600	3.054	2.799	2.784	2.786	2.838	5.87
85) T	sec-Butylbenzene	3.686	3.174	3.704	3.382	3.397	3.393	3.456	5.89
86) T	p-Isopropyltoluen	3.297	2.886	3.340	3.105	3.108	3.133	3.145	5.15
87) T	1,3-Dichlorobenze	1.790	1.620	1.782	1.633	1.636	1.617	1.679	4.93
88) T	1,4-Dichlorobenze	1.783	1.633	1.779	1.614	1.601	1.579	1.665	5.52
89) T	n-Butylbenzene	2.963	2.523	3.004	2.752	2.739	2.770	2.792	6.24
90) T	Hexachloroethane	0.520	0.449	0.532	0.526	0.530	0.544	0.517	6.59
91) T	1,2-Dichlorobenze	1.605	1.498	1.604	1.458	1.457	1.442	1.511	4.96
92) T	1,2-Dibromo-3-Chl	0.085	0.079	0.084	0.080	0.093	0.085	0.084	5.89
93) T	1,2,4-Trichlorobe	1.171	1.080	1.191	1.099	1.095	1.103	1.123	4.08
94) T	Hexachlorobutadie	0.746	0.695	0.752	0.672	0.656	0.679	0.700	5.72
95) T	Naphthalene	1.710	1.609	1.864	1.802	1.984	1.864	1.805	7.28
96) T	1,2,3-Trichlorobe	1.004	0.967	1.055	0.965	0.970	0.963	0.987	3.69

(#) = Out of Range