

Method Path : Z:\VOASRV\HPCHEM1\MSVOA F\METHODS\
 Method File : 82F112618S.M
 Title : SW846 8260
 Last Update : Tue Nov 27 01:36:26 2018
 Response Via : Initial Calibration

Calibration Files

5 =VF060826.D 20 =VF060828.D 50 =VF060829.D
 100 =VF060831.D 75 =VF060830.D 10 =VF060827.D

	Compound	5	20	50	100	75	10	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.723	0.846	0.740	0.720	0.681	0.774	0.748	7.64
3) P	Chloromethane	0.550	0.535	0.436	0.442	0.424	0.532	0.486	11.92
4) C	Vinyl Chloride	0.496	0.480	0.441	0.433	0.406	0.467	0.454	7.31#
5) T	Bromomethane	0.335	0.330	0.329	0.297	0.281	0.348	0.320	7.99
6) T	Chloroethane	0.208	0.204	0.205	0.180	0.185	0.195	0.196	5.82
7) T	Trichlorofluorome	0.939	1.031	1.001	0.924	0.936	1.010	0.974	4.71
8) T	Diethyl Ether	0.150	0.150	0.139	0.129	0.127	0.145	0.140	7.11
9) T	1,1,2-Trichlorotr	0.516	0.512	0.496	0.465	0.445	0.519	0.492	6.18
10) T	Methyl Iodide	0.700	0.810	0.752	0.742	0.690	0.795	0.748	6.51
11) T	Tert butyl alcoho	0.024	0.026	0.025	0.024	0.024	0.022	0.024	5.58
12) CM	1,1-Dichloroethen	0.428	0.425	0.393	0.378	0.352	0.400	0.396	7.32#
13) T	Acrolein	0.025	0.022	0.025	0.024	0.020	0.022	0.023	8.31
14) T	Allyl chloride	0.491	0.482	0.557	0.471	0.433	0.528	0.493	8.88
15) T	Acrylonitrile	0.054	0.058	0.054	0.053	0.047	0.058	0.054	7.36
16) T	Acetone	0.115	0.116	0.111	0.098	0.097	0.114	0.109	8.03
17) T	Carbon Disulfide	1.123	1.153	1.027	1.012	0.962	1.093	1.062	6.89
18) T	Methyl Acetate	0.258	0.198	0.179	0.182	0.176	0.200	0.199	15.39
19) T	Methyl tert-butyl	0.896	0.947	0.902	0.887	0.814	0.905	0.892	4.84
20) T	Methylene Chlorid	0.481	0.411	0.379	0.352	0.325	0.442	0.398	14.53
21) T	trans-1,2-Dichlor	0.362	0.392	0.389	0.374	0.358	0.416	0.382	5.71
22) T	Diisopropyl ether	1.247	1.430	1.366	1.296	1.269	1.451	1.343	6.38
23) T	Vinyl Acetate	0.555	0.657	0.629	0.621	0.626	0.596	0.614	5.69
24) P	1,1-Dichloroethan	0.772	0.796	0.844	0.813	0.750	0.819	0.799	4.26
25) T	2-Butanone	0.208	0.194	0.192	0.175	0.169	0.190	0.188	7.55
26) T	2,2-Dichloropropa	0.553	0.532	0.539	0.487	0.463	0.535	0.518	6.75
27) T	cis-1,2-Dichloroe	0.667	0.655	0.622	0.605	0.572	0.607	0.621	5.65
28) T	Bromochloromethan	0.406	0.407	0.365	0.355	0.354	0.415	0.384	7.49
29)	Tetrahydrofuran	0.085	0.085	0.078	0.071	0.071	0.087	0.080	9.23
30) C	Chloroform	1.355	1.309	1.221	1.124	1.080	1.291	1.230	8.87#
31) T	Cyclohexane	0.903	0.891	0.795	0.759	0.773	0.855	0.829	7.44
32) T	1,1,1-Trichloroet	0.827	0.890	0.918	0.784	0.774	0.926	0.853	7.90
33) S	1,2-Dichloroethan	0.568	0.611	0.616	0.631	0.554	0.554	0.589	5.83

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.429	0.404	0.415	0.380	0.357	0.395	0.397	6.42
36) T	1,1-Dichloroprope	0.608	0.567	0.576	0.485	0.495	0.597	0.555	9.46
37) T	Ethyl Acetate	0.254	0.234	0.230	0.198	0.208	0.229	0.225	8.85
38) T	Carbon Tetrachlor	0.503	0.481	0.554	0.438	0.414	0.548	0.490	11.63
39) T	Methylcyclohexane	0.624	0.597	0.604	0.512	0.547	0.603	0.581	7.28
40) TM	Benzene	1.365	1.279	1.245	1.051	1.102	1.309	1.225	10.01
41) T	Methacrylonitrile	0.167	0.127	0.122	0.110	0.115	0.158	0.133	17.73
42) TM	1,2-Dichloroethan	0.451	0.460	0.488	0.427	0.410	0.447	0.447	6.07
43) T	Isopropyl Acetate	0.407	0.275	0.303	0.265	0.273	0.319	0.307	17.23
44) TM	Trichloroethene	0.443	0.424	0.405	0.344	0.354	0.433	0.401	10.48
45) C	1,2-Dichloropropa	0.298	0.335	0.347	0.291	0.306	0.331	0.318	7.10#
46) T	Dibromomethane	0.215	0.220	0.232	0.213	0.207	0.209	0.216	4.19
47) T	Bromodichlorometh	0.592	0.587	0.613	0.534	0.546	0.568	0.573	5.24
48) T	Methyl methacryla	0.223	0.201	0.214	0.188	0.192	0.206	0.204	6.43
49) T	1,4-Dioxane	0.001	0.002	0.002	0.001	0.002	0.001	0.001	11.40
50) S	Toluene-d8	1.197	1.194	1.213	1.120	1.094	1.193	1.168	4.19
51) T	4-Methyl-2-Pentan	0.219	0.220	0.207	0.182	0.191	0.228	0.208	8.79
52) CM	Toluene	0.969	0.924	0.822	0.751	0.760	0.936	0.861	11.02#

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	Compound	5	20	50	100	75	10	Avg	%RSD
53) T	t-1,3-Dichloropro	0.528	0.461	0.481	0.415	0.422	0.492	0.466	9.21
54) T	cis-1,3-Dichlorop	0.552	0.618	0.620	0.528	0.537	0.608	0.577	7.38
55) T	1,1,2-Trichloroet	0.282	0.247	0.259	0.233	0.228	0.255	0.251	7.86
56) T	Ethyl methacrylat	0.271	0.274	0.309	0.256	0.268	0.292	0.279	6.82
57) T	1,3-Dichloropropa	0.420	0.461	0.471	0.410	0.421	0.451	0.439	5.75
58) T	2-Chloroethyl Vin	0.029	0.031	0.028	0.027	0.029	0.027	0.028	5.86
59) T	2-Hexanone	0.162	0.152	0.146	0.125	0.131	0.160	0.146	10.27
60) T	Dibromochlorometh	0.378	0.380	0.399	0.353	0.351	0.381	0.374	4.89
61) T	1,2-Dibromoethane	0.265	0.294	0.283	0.257	0.252	0.274	0.271	5.86
62) S	4-Bromofluorobenz	0.543	0.542	0.549	0.507	0.477	0.569	0.531	6.26
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.432	0.393	0.362	0.346	0.352	0.407	0.382	8.96
65) PM	Chlorobenzene	1.038	0.987	1.021	0.910	0.858	1.022	0.973	7.47
66) T	1,1,1,2-Tetrachlo	0.440	0.439	0.418	0.377	0.376	0.460	0.418	8.34
67) C	Ethyl Benzene	1.990	1.784	1.835	1.627	1.668	1.962	1.811	8.19#
68) T	m/p-Xylenes	0.742	0.681	0.630	0.543	0.581	0.731	0.651	12.37
69) T	o-Xylene	0.771	0.739	0.709	0.630	0.645	0.816	0.718	10.06
70) T	Styrene	1.067	1.051	0.990	0.891	0.843	1.131	0.996	11.06
71) P	Bromoform	0.188	0.202	0.204	0.203	0.195	0.220	0.202	5.37
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.319	4.244	4.096	3.401	3.512	4.135	3.951	9.94
74) T	N-amyl acetate	0.901	0.997	0.945	0.850	0.839	0.943	0.912	6.66
75) P	1,1,2,2-Tetrachlo	0.630	0.690	0.681	0.594	0.598	0.710	0.650	7.67
76) T	1,2,3-Trichloropr	0.519	0.486	0.490	0.429	0.427	0.484	0.473	7.79
77) T	Bromobenzene	0.896	0.914	0.940	0.785	0.770	0.893	0.866	8.22
78) T	n-propylbenzene	5.296	4.804	4.782	3.821	4.045	5.015	4.627	12.39
79) T	2-Chlorotoluene	2.979	2.723	2.737	2.255	2.301	2.924	2.653	11.61
80) T	1,3,5-Trimethylbe	3.599	3.448	3.320	2.706	2.799	3.376	3.208	11.42
81) T	trans-1,4-Dichlor	0.267	0.215	0.237	0.199	0.211	0.260	0.232	11.96
82) T	4-Chlorotoluene	3.309	2.873	2.795	2.390	2.459	2.926	2.792	12.03
83) T	tert-Butylbenzene	3.775	3.438	3.331	2.713	2.800	3.548	3.267	12.95
84) T	1,2,4-Trimethylbe	3.644	3.242	3.401	2.770	2.744	3.408	3.201	11.48
85) T	sec-Butylbenzene	5.088	4.829	4.561	3.744	3.881	4.733	4.473	12.09
86) T	p-Isopropyltoluen	4.463	3.922	3.735	3.116	3.273	3.992	3.750	13.20
87) T	1,3-Dichlorobenze	1.938	1.673	1.678	1.390	1.419	1.789	1.648	12.86
88) T	1,4-Dichlorobenze	1.780	1.643	1.641	1.430	1.449	1.692	1.606	8.62
89) T	n-Butylbenzene	4.348	3.975	3.934	3.148	3.236	4.111	3.792	12.86
90) T	Hexachloroethane	0.987	0.939	0.962	0.795	0.814	0.921	0.903	8.81
91) T	1,2-Dichlorobenze	1.752	1.627	1.636	1.341	1.372	1.635	1.560	10.58
92) T	1,2-Dibromo-3-Chl	0.131	0.125	0.132	0.123	0.123	0.121	0.126	3.72
93) T	1,2,4-Trichlorobe	1.174	1.142	1.129	0.978	0.969	1.149	1.090	8.42
94) T	Hexachlorobutadie	0.809	0.724	0.744	0.666	0.655	0.763	0.727	8.10
95) T	Naphthalene	3.169	2.333	2.236	2.038	2.025	2.621	2.404	18.08
96) T	1,2,3-Trichlorobe	1.049	1.031	1.053	0.976	0.941	1.023	1.012	4.41

(#) = Out of Range