

Method Path : Z:\VOASRV\HPCHEM1\MSVOA F\METHODS\
 Method File : 82F102518S.M
 Title : SW846 8260
 Last Update : Fri Oct 26 02:17:41 2018
 Response Via : Initial Calibration

Calibration Files

5 =VF060505.D 20 =VF060507.D 50 =VF060508.D
 100 =VF060510.D 75 =VF060509.D 10 =VF060506.D

	Compound	5	20	50	100	75	10	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	1.486	1.581	1.196	1.106	1.184	1.601	1.359	16.31
3) P	Chloromethane	0.662	0.675	0.562	0.586	0.598	0.707	0.632	9.11
4) C	Vinyl Chloride	0.776	0.763	0.680	0.667	0.683	0.805	0.729	8.12#
5) T	Bromomethane	0.842	0.759	0.696	0.604	0.649	0.857	0.734	14.02
6) T	Chloroethane	0.513	0.486	0.428	0.412	0.413	0.461	0.452	9.21
7) T	Trichlorofluorome	2.481	2.356	2.326	1.989	2.138	2.715	2.334	10.91
8) T	Diethyl Ether	0.260	0.200	0.209	0.222	0.203	0.212	0.218	10.18
9) T	1,1,2-Trichlorotr	1.119	1.044	0.919	0.893	0.887	1.071	0.989	10.23
10) T	Methyl Iodide	1.589	1.367	1.318	1.304	1.313	1.491	1.397	8.36
11) T	Tert butyl alcoho	0.064	0.047	0.043	0.046	0.045	0.067	0.052	19.91
12) CM	1,1-Dichloroethen	0.800	0.716	0.671	0.675	0.683	0.727	0.712	6.84#
13) T	Acrolein	0.048	0.046	0.042	0.046	0.042	0.041	0.044	6.45
14) T	Allyl chloride	1.268	1.169	1.079	1.061	1.049	1.210	1.139	7.87
15) T	Acrylonitrile	0.093	0.076	0.069	0.079	0.074	0.088	0.080	11.13
16) T	Acetone	0.262	0.262	0.198	0.186	0.185	0.301	0.232	21.13
17) T	Carbon Disulfide	2.330	2.022	1.721	1.733	1.759	2.138	1.950	12.99
18) T	Methyl Acetate	0.389	0.331	0.315	0.314	0.304	0.305	0.326	9.84
19) T	Methyl tert-butyl	1.961	1.793	1.761	1.658	1.625	1.893	1.782	7.33
20) T	Methylene Chlorid	1.002	0.690	0.607	0.589	0.571	0.803	0.710	23.47
21) T	trans-1,2-Dichlor	0.719	0.712	0.619	0.646	0.619	0.759	0.679	8.65
22) T	Diisopropyl ether	2.246	2.001	1.977	1.914	1.892	2.096	2.021	6.50
23) T	Vinyl Acetate	0.630	0.699	0.617	0.608	0.593	0.687	0.639	6.83
24) P	1,1-Dichloroethan	1.636	1.620	1.494	1.391	1.396	1.710	1.541	8.67
25) T	2-Butanone	0.203	0.194	0.158	0.151	0.150	0.202	0.176	14.72
26) T	2,2-Dichloropropa	1.142	1.040	0.999	0.864	0.924	1.147	1.019	11.23
27) T	cis-1,2-Dichloroe	0.650	0.690	0.645	0.616	0.626	0.662	0.648	4.04
28) T	Bromochloromethan	0.538	0.446	0.423	0.393	0.399	0.521	0.453	13.72
29)	Tetrahydrofuran	0.097	0.061	0.060	0.063	0.058	0.076	0.069	21.84
30) C	Chloroform	1.982	1.863	1.712	1.613	1.628	1.866	1.777	8.37#
31) T	Cyclohexane	0.892	0.797	0.685	0.702	0.660	0.829	0.761	12.11
32) T	1,1,1-Trichloroet	1.767	1.724	1.610	1.422	1.510	1.813	1.641	9.38
33) S	1,2-Dichloroethan	1.155	0.929	0.998	0.937	0.942	1.001	0.994	8.56
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.688	0.603	0.588	0.528	0.552	0.636	0.599	9.66
36) T	1,1-Dichloroprope	0.870	0.764	0.690	0.665	0.646	0.804	0.740	11.87
37) T	Ethyl Acetate	0.305	0.258	0.220	0.191	0.190	0.293	0.243	20.73
38) T	Carbon Tetrachlor	1.288	1.218	1.107	0.910	0.973	1.223	1.120	13.50
39) T	Methylcyclohexane	0.703	0.604	0.565	0.541	0.543	0.668	0.604	11.23
40) TM	Benzene	1.395	1.225	1.131	1.124	1.065	1.365	1.218	11.19
41) T	Methacrylonitrile	0.149	0.130	0.119	0.113	0.108	0.125	0.124	11.66
42) TM	1,2-Dichloroethan	0.818	0.828	0.789	0.732	0.702	0.853	0.787	7.46
43) T	Isopropyl Acetate	0.287	0.267	0.242	0.229	0.212	0.293	0.255	12.86
44) TM	Trichloroethene	0.497	0.438	0.397	0.385	0.368	0.464	0.425	11.76
45) C	1,2-Dichloropropa	0.318	0.334	0.294	0.282	0.273	0.349	0.308	9.73#
46) T	Dibromomethane	0.300	0.284	0.281	0.268	0.266	0.337	0.289	9.14
47) T	Bromodichlorometh	0.844	0.850	0.808	0.759	0.737	0.871	0.812	6.62
48) T	Methyl methacryla	0.191	0.198	0.195	0.185	0.173	0.211	0.192	6.72
49) T	1,4-Dioxane	0.002	0.002	0.001	0.002	0.001	0.002	0.002	12.33
50) S	Toluene-d8	1.208	1.180	1.190	1.136	1.160	1.344	1.203	6.11
51) T	4-Methyl-2-Pentan	0.213	0.200	0.199	0.181	0.173	0.229	0.199	10.32
52) CM	Toluene	0.886	0.855	0.748	0.709	0.698	0.908	0.801	11.64#

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	Compound	5	20	50	100	75	10	Avg	%RSD
53) T	t-1,3-Dichloropro	0.658	0.632	0.599	0.520	0.507	0.690	0.601	12.39
54) T	cis-1,3-Dichlorop	0.613	0.639	0.626	0.573	0.553	0.711	0.619	9.00
55) T	1,1,2-Trichloroet	0.261	0.268	0.264	0.239	0.226	0.262	0.253	6.60
56) T	Ethyl methacrylat	0.258	0.264	0.266	0.265	0.248	0.321	0.270	9.45
57) T	1,3-Dichloropropa	0.435	0.467	0.433	0.402	0.399	0.527	0.444	10.73
58) T	2-Chloroethyl Vin	0.041	0.038	0.038	0.032	0.033	0.041	0.037	10.38
59) T	2-Hexanone	0.170	0.152	0.139	0.121	0.121	0.185	0.148	17.55
60) T	Dibromochlorometh	0.457	0.498	0.492	0.462	0.449	0.530	0.481	6.43
61) T	1,2-Dibromoethane	0.301	0.293	0.309	0.281	0.273	0.350	0.301	9.05
62) S	4-Bromofluorobenz	0.790	0.660	0.663	0.583	0.614	0.709	0.670	10.90
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.489	0.460	0.384	0.371	0.379	0.447	0.421	11.83
65) PM	Chlorobenzene	1.141	1.078	0.992	0.960	0.994	1.141	1.051	7.62
66) T	1,1,1,2-Tetrachlo	0.531	0.555	0.542	0.513	0.514	0.610	0.544	6.64
67) C	Ethyl Benzene	2.381	2.293	2.067	1.889	1.915	2.334	2.147	10.17#
68) T	m/p-Xylenes	0.707	0.720	0.657	0.613	0.609	0.738	0.674	8.28
69) T	o-Xylene	0.818	0.810	0.714	0.711	0.679	0.804	0.756	8.14
70) T	Stvrene	1.141	1.134	0.979	0.956	0.954	1.168	1.055	9.67
71) P	Bromoform	0.306	0.300	0.274	0.268	0.271	0.319	0.290	7.35
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.024	4.450	3.730	3.452	3.627	4.548	3.972	11.33
74) T	N-amyl acetate	0.783	0.732	0.650	0.653	0.626	0.788	0.705	10.18
75) P	1,1,2,2-Tetrachlo	0.599	0.577	0.563	0.591	0.527	0.577	0.572	4.45
76) T	1,2,3-Trichloropr	0.559	0.522	0.471	0.476	0.422	0.549	0.500	10.60
77) T	Bromobenzene	0.833	0.915	0.775	0.791	0.759	0.896	0.828	7.88
78) T	n-propylbenzene	4.960	5.142	4.416	4.152	3.985	5.205	4.644	11.36
79) T	2-Chlorotoluene	3.071	3.086	2.695	2.594	2.432	3.006	2.814	9.87
80) T	1,3,5-Trimethylbe	3.816	3.686	3.281	3.145	3.074	3.926	3.488	10.50
81) T	trans-1,4-Dichlor	0.200	0.174	0.219	0.218	0.195	0.255	0.210	13.06
82) T	4-Chlorotoluene	3.363	3.240	2.708	2.653	2.574	3.302	2.973	12.25
83) T	tert-Butylbenzene	3.483	3.806	3.444	3.183	3.137	4.089	3.524	10.41
84) T	1,2,4-Trimethylbe	3.753	3.807	3.262	3.098	3.054	3.772	3.458	10.34
85) T	sec-Butylbenzene	5.047	5.240	4.414	4.286	4.252	5.133	4.729	9.68
86) T	p-Isopropyltoluen	4.333	4.366	3.778	3.517	3.566	4.544	4.017	11.18
87) T	1,3-Dichlorobenze	1.886	1.823	1.524	1.462	1.442	1.962	1.683	13.83
88) T	1,4-Dichlorobenze	1.789	1.638	1.546	1.511	1.493	1.807	1.630	8.53
89) T	n-Butylbenzene	4.708	4.722	3.956	3.628	3.704	4.924	4.273	13.46
90) T	Hexachloroethane	1.100	1.109	1.014	0.985	0.957	1.160	1.054	7.62
91) T	1,2-Dichlorobenze	1.853	1.710	1.512	1.441	1.381	1.789	1.614	12.11
92) T	1,2-Dibromo-3-Chl	0.147	0.149	0.151	0.149	0.151	0.128	0.146	6.17
93) T	1,2,4-Trichlorobe	1.491	1.355	1.241	1.154	1.154	1.492	1.314	11.84
94) T	Hexachlorobutadie	1.080	1.027	0.974	0.897	0.897	1.023	0.983	7.57
95) T	Naphthalene	1.973	2.017	2.078	2.224	2.105	2.043	2.073	4.20
96) T	1,2,3-Trichlorobe	1.287	1.143	1.204	1.162	1.147	1.311	1.209	6.07

(#) = Out of Range