

Method Path : Z:\VOASRV\HPCHEM1\MSVOA F\METHODS\
 Method File : 82F100918S.M
 Title : SW846 8260
 Last Update : Wed Oct 10 02:28:46 2018
 Response Via : Initial Calibration

Calibration Files

5 =VF060490.D 20 =VF060492.D 50 =VF060493.D
 100 =VF060495.D 150 =VF060496.D 10 =VF060491.D

	Compound	5	20	50	100	150	10	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	1.007	1.200	0.934	0.786	0.845	1.124	0.982	16.29
3) P	Chloromethane	0.627	0.695	0.604	0.514	0.528	0.678	0.608	12.34
4) C	Vinyl Chloride	0.697	0.767	0.658	0.541	0.574	0.717	0.659	13.16#
5) T	Bromomethane	0.532	0.544	0.539	0.434	0.448	0.615	0.519	13.01
6) T	Chloroethane	0.368	0.402	0.340	0.301	0.304	0.376	0.349	11.75
7) T	Trichlorofluorome	1.554	1.595	1.579	1.246	1.308	1.585	1.478	10.64
8) T	Diethyl Ether	0.236	0.212	0.216	0.186	0.200	0.219	0.211	8.02
9) T	1,1,2-Trichlorotr	0.791	0.806	0.749	0.614	0.656	0.819	0.739	11.53
10) T	Methyl Iodide	1.239	1.273	1.195	1.012	1.101	1.212	1.172	8.30
11) T	Tert butyl alcoho	0.036	0.044	0.041	0.038	0.035	0.045	0.040	10.58
12) CM	1,1-Dichloroethen	0.706	0.624	0.631	0.514	0.526	0.704	0.618	13.46#
13) T	Acrolein	0.037	0.031	0.018	0.018	0.020	0.024	0.025	31.36
14) T	Allyl chloride	0.916	0.943	0.896	0.886	0.941	0.879	0.910	3.05
15) T	Acrylonitrile	0.080	0.089	0.080	0.077	0.077	0.098	0.084	9.99
16) T	Acetone	0.211	0.182	0.143	0.125	0.117	0.218	0.166	26.38
17) T	Carbon Disulfide	1.931	1.925	1.705	1.387	1.496	1.859	1.717	13.44
18) T	Methyl Acetate	0.406	0.316	0.303	0.257	0.284	0.321	0.315	16.07
19) T	Methyl tert-butyl	1.326	1.475	1.488	1.267	1.327	1.456	1.390	6.77
20) T	Methylene Chlorid	0.679	0.608	0.553	0.477	0.502	0.642	0.577	13.85
21) T	trans-1,2-Dichlor	0.559	0.599	0.618	0.534	0.550	0.598	0.576	5.72
22) T	Diisopropyl ether	1.752	2.043	1.983	1.712	1.676	2.061	1.871	9.43
23) T	Vinyl Acetate	0.650	0.751	0.672	0.596	0.596	0.664	0.655	8.77
24) P	1,1-Dichloroethan	1.232	1.349	1.320	1.129	1.095	1.409	1.256	10.00
25) T	2-Butanone	0.190	0.201	0.176	0.158	0.158	0.202	0.181	10.88
26) T	2,2-Dichloropropa	0.671	0.746	0.683	0.556	0.570	0.701	0.655	11.52
27) T	cis-1,2-Dichloroe	0.675	0.787	0.691	0.580	0.608	0.695	0.673	10.83
28) T	Bromochloromethan	0.483	0.444	0.422	0.410	0.380	0.478	0.436	9.22
29)	Tetrahydrofuran	0.083	0.079	0.073	0.067	0.065	0.092	0.076	13.41
30) C	Chloroform	1.485	1.578	1.476	1.354	1.339	1.486	1.453	6.24#
31) T	Cyclohexane	0.873	0.854	0.796	0.706	0.721	0.870	0.803	9.32
32) T	1,1,1-Trichloroet	1.153	1.230	1.186	1.000	1.060	1.240	1.145	8.41
33) S	1,2-Dichloroethan	0.760	0.807	0.804	0.755	0.705	0.719	0.758	5.52
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.458	0.480	0.473	0.437	0.411	0.503	0.460	7.07
36) T	1,1-Dichloroprope	0.646	0.607	0.591	0.531	0.506	0.609	0.582	9.07
37) T	Ethyl Acetate	0.234	0.214	0.207	0.186	0.179	0.212	0.205	9.82
38) T	Carbon Tetrachlor	0.552	0.634	0.619	0.512	0.567	0.621	0.584	8.22
39) T	Methylcyclohexane	0.609	0.573	0.571	0.505	0.467	0.560	0.548	9.50
40) TM	Benzene	1.311	1.261	1.180	1.090	1.023	1.300	1.194	9.87
41) T	Methacrylonitrile	0.129	0.133	0.116	0.110	0.103	0.110	0.117	10.03
42) TM	1,2-Dichloroethan	0.540	0.572	0.573	0.522	0.491	0.552	0.542	5.82
43) T	Isopropyl Acetate	0.298	0.241	0.254	0.249	0.246	0.248	0.256	8.25
44) TM	Trichloroethene	0.411	0.392	0.382	0.332	0.319	0.395	0.372	9.98
45) C	1,2-Dichloropropa	0.298	0.314	0.297	0.283	0.270	0.293	0.292	5.14#
46) T	Dibromomethane	0.238	0.249	0.248	0.227	0.214	0.231	0.234	5.73
47) T	Bromodichlorometh	0.575	0.636	0.634	0.570	0.552	0.585	0.592	5.88
48) T	Methyl methacryla	0.168	0.180	0.186	0.171	0.172	0.165	0.173	4.51
49) T	1,4-Dioxane	0.001	0.001	0.002	0.002	0.001	0.002	0.001	23.57
50) S	Toluene-d8	1.163	1.112	1.110	1.106	1.011	1.136	1.106	4.64
51) T	4-Methyl-2-Pentan	0.198	0.189	0.176	0.167	0.153	0.188	0.179	9.26
52) CM	Toluene	0.835	0.788	0.736	0.667	0.703	0.784	0.752	8.19#

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	Compound	5	20	50	100	150	10	Avg	%RSD
53) T	t-1,3-Dichloropro	0.494	0.493	0.471	0.439	0.428	0.435	0.460	6.45
54) T	cis-1,3-Dichlorop	0.541	0.550	0.561	0.514	0.509	0.539	0.536	3.80
55) T	1,1,2-Trichloroet	0.230	0.235	0.240	0.224	0.227	0.231	0.231	2.52
56) T	Ethyl methacrylat	0.292	0.262	0.262	0.251	0.264	0.273	0.267	5.20
57) T	1,3-Dichloropropa	0.421	0.414	0.398	0.378	0.375	0.403	0.398	4.69
58) T	2-Chloroethyl Vin	0.031	0.028	0.028	0.024	0.024	0.027	0.027	10.05
59) T	2-Hexanone	0.155	0.136	0.119	0.120	0.119	0.127	0.129	10.88
60) T	Dibromochlorometh	0.327	0.380	0.374	0.369	0.361	0.366	0.363	5.18
61) T	1,2-Dibromoethane	0.262	0.268	0.270	0.262	0.261	0.244	0.261	3.54
62) S	4-Bromofluorobenz	0.515	0.490	0.496	0.476	0.443	0.492	0.485	5.03
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.440	0.413	0.414	0.360	0.342	0.408	0.396	9.41
65) PM	Chlorobenzene	1.042	1.023	1.000	0.909	0.856	0.997	0.971	7.49
66) T	1,1,1,2-Tetrachlo	0.482	0.470	0.452	0.408	0.370	0.443	0.437	9.52
67) C	Ethyl Benzene	1.924	1.980	1.921	1.697	1.553	1.916	1.832	9.20#
68) T	m/p-Xylenes	0.736	0.641	0.623	0.569	0.540	0.643	0.625	10.89
69) T	o-Xylene	0.696	0.771	0.718	0.640	0.581	0.675	0.680	9.65
70) T	Styrene	1.088	1.045	0.969	0.879	0.846	1.047	0.979	10.06
71) P	Bromoform	0.203	0.229	0.242	0.224	0.214	0.219	0.222	5.99
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.033	4.034	3.977	3.345	3.105	3.805	3.717	10.68
74) T	N-amyl acetate	0.911	0.827	0.830	0.783	0.769	0.734	0.809	7.64
75) P	1,1,2,2-Tetrachlo	0.633	0.665	0.652	0.606	0.571	0.621	0.625	5.43
76) T	1,2,3-Trichloropr	0.501	0.527	0.509	0.446	0.417	0.497	0.483	8.72
77) T	Bromobenzene	0.896	0.892	0.871	0.773	0.738	0.785	0.826	8.30
78) T	n-propylbenzene	5.206	4.810	4.621	3.802	3.505	4.615	4.427	14.53
79) T	2-Chlorotoluene	2.830	2.831	2.743	2.357	2.189	2.598	2.591	10.27
80) T	1,3,5-Trimethylbe	3.323	3.352	3.285	2.837	2.535	3.376	3.118	11.20
81) T	trans-1,4-Dichlor	0.231	0.227	0.219	0.195	0.211	0.181	0.211	9.20
82) T	4-Chlorotoluene	2.917	2.858	2.869	2.436	2.277	2.685	2.674	9.83
83) T	tert-Butylbenzene	3.395	3.505	3.332	2.714	2.463	3.397	3.134	13.83
84) T	1,2,4-Trimethylbe	3.519	3.486	3.358	2.846	2.610	3.175	3.166	11.61
85) T	sec-Butylbenzene	4.465	4.770	4.550	3.841	3.377	4.503	4.251	12.45
86) T	p-Isopropyltoluen	3.889	3.789	3.729	3.087	2.786	3.659	3.490	12.77
87) T	1,3-Dichlorobenze	1.831	1.649	1.637	1.359	1.283	1.679	1.573	13.25
88) T	1,4-Dichlorobenze	1.598	1.627	1.611	1.440	1.314	1.564	1.526	8.11
89) T	n-Butylbenzene	3.855	4.013	3.957	3.212	2.854	4.020	3.652	13.58
90) T	Hexachloroethane	0.824	0.919	0.927	0.810	0.740	0.786	0.834	8.95
91) T	1,2-Dichlorobenze	1.710	1.649	1.600	1.302	1.245	1.581	1.514	12.72
92) T	1,2-Dibromo-3-Chl	0.128	0.141	0.148	0.133	0.127	0.118	0.133	8.12
93) T	1,2,4-Trichlorobe	1.265	1.336	1.204	1.024	0.906	1.282	1.170	14.37
94) T	Hexachlorobutadie	0.778	0.855	0.878	0.740	0.668	0.852	0.795	10.24
95) T	Naphthalene	1.980	2.113	2.192	2.009	1.829	1.941	2.010	6.37
96) T	1,2,3-Trichlorobe	1.055	1.237	1.192	1.037	0.916	1.100	1.090	10.58

(#) = Out of Range