

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\
 Method File : 82F040419S.M
 Title : SW846 8260
 Last Update : Fri Apr 05 05:27:08 2019
 Response Via : Initial Calibration

Calibration Files

5 =VF062165.D 20 =VF062160.D 50 =VF062161.D
 100 =VF062163.D 75 =VF062162.D 10 =VF062166.D

	Compound	5	20	50	100	75	10	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.813	0.801	0.693	0.686	0.635	0.764	0.732	9.70
3) P	Chloromethane	0.687	0.644	0.592	0.600	0.558	0.615	0.616	7.28
4) C	Vinyl Chloride	0.736	0.673	0.584	0.598	0.535	0.519	0.608	13.65#
5) T	Bromomethane	0.723	0.510	0.448	0.483	0.416	0.408	0.498	23.44
6) T	Chloroethane	0.389	0.338	0.327	0.319	0.274	0.324	0.329	11.29
7) T	Trichlorofluorome	1.067	0.905	0.864	0.880	0.816	0.812	0.891	10.50
8) T	Diethyl Ether	0.220	0.173	0.166	0.180	0.177	0.190	0.184	10.40
9) T	1,1,2-Trichlorotr	0.695	0.561	0.506	0.550	0.501	0.577	0.565	12.48
10) T	Methyl Iodide	1.123	0.997	0.923	0.977	0.863	0.929	0.969	9.18
11) T	Tert butyl alcoho	0.027	0.023	0.025	0.028	0.025	0.028	0.026	7.63
12) CM	1,1-Dichloroethen	0.674	0.542	0.479	0.513	0.451	0.458	0.520	16.01#
13) T	Acrolein	0.026	0.028	0.028	0.028	0.024	0.031	0.028	8.23
14) T	Allyl chloride	0.768	0.694	0.662	0.635	0.585	0.737	0.680	9.89
15) T	Acrylonitrile	0.097	0.069	0.071	0.077	0.069	0.080	0.077	13.74
16) T	Acetone	0.114	0.107	0.131	0.123	0.114	0.091	0.114	11.96
17) T	Carbon Disulfide	1.935	1.702	1.537	1.671	1.528	1.566	1.656	9.31
18) T	Methyl Acetate	0.408	0.230	0.217	0.266	0.196	0.244	0.260	29.28
19) T	Methyl tert-butyl	1.072	0.968	0.908	0.949	0.826	0.913	0.939	8.63
20) T	Methylene Chlorid	1.054	0.575	0.546	0.487	0.440	0.669	0.628	35.40
21) T	trans-1,2-Dichlor	0.559	0.465	0.496	0.523	0.402	0.409	0.476	13.18
22) T	Diisopropyl ether	1.803	1.537	1.506	1.633	1.454	1.431	1.561	8.87
23) T	Vinyl Acetate	0.821	0.718	0.706	0.795	0.705	0.665	0.735	8.13
24) P	1,1-Dichloroethan	1.045	0.956	0.898	0.958	0.849	0.829	0.922	8.69
25) T	2-Butanone	0.220	0.199	0.196	0.218	0.196	0.172	0.200	8.86
26) T	2,2-Dichloropropa	0.610	0.486	0.474	0.475	0.412	0.453	0.485	13.77
27) T	cis-1,2-Dichloroe	0.726	0.617	0.614	0.611	0.533	0.552	0.609	11.10
28) T	Bromochloromethan	0.403	0.365	0.451	0.374	0.382	0.454	0.405	9.61
29)	Tetrahydrofuran	0.095	0.082	0.077	0.089	0.078	0.093	0.086	8.87
30) C	Chloroform	1.257	1.137	1.064	1.093	1.012	1.044	1.101	7.93#
31) T	Cyclohexane	1.122	0.930	0.837	0.866	0.790	0.886	0.905	12.82
32) T	1,1,1-Trichloroet	0.829	0.807	0.818	0.723	0.639	0.645	0.743	11.71
33) S	1,2-Dichloroethan	0.605	0.548	0.643	0.611	0.582	0.532	0.587	7.03
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.378	0.369	0.409	0.407	0.366	0.347	0.379	6.39
36) T	1,1-Dichloroprope	0.587	0.613	0.551	0.603	0.524	0.527	0.567	6.86
37) T	Ethyl Acetate	0.305	0.255	0.226	0.260	0.237	0.276	0.260	10.84
38) T	Carbon Tetrachlor	0.440	0.477	0.422	0.441	0.384	0.438	0.434	6.99
39) T	Methylcyclohexane	0.583	0.609	0.529	0.600	0.526	0.518	0.561	7.30
40) TM	Benzene	1.337	1.297	1.209	1.317	1.112	1.117	1.231	8.17
41) T	Methacrylonitrile	0.190	0.127	0.127	0.142	0.126	0.162	0.146	17.81
42) TM	1,2-Dichloroethan	0.446	0.505	0.439	0.479	0.435	0.452	0.459	5.97
43) T	Isopropyl Acetate	0.270	0.304	0.254	0.298	0.255	0.298	0.280	8.27
44) TM	Trichloroethene	0.363	0.404	0.378	0.415	0.371	0.356	0.381	6.17
45) C	1,2-Dichloropropa	0.275	0.314	0.300	0.316	0.268	0.281	0.292	6.97#
46) T	Dibromomethane	0.211	0.202	0.198	0.202	0.190	0.186	0.198	4.53
47) T	Bromodichlorometh	0.610	0.530	0.517	0.541	0.492	0.524	0.536	7.42
48) T	Methyl methacryla	0.279	0.225	0.196	0.209	0.177	0.204	0.215	16.33
49) T	1,4-Dioxane	0.001	0.001	0.001	0.002	0.001	0.001	0.001	15.21
50) S	Toluene-d8	1.092	1.023	1.216	1.161	1.053	1.072	1.103	6.55
51) T	4-Methyl-2-Pentan	0.250	0.213	0.193	0.207	0.195	0.210	0.211	9.68
52) CM	Toluene	0.831	0.857	0.774	0.839	0.725	0.706	0.788	8.05#

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	Compound	5	20	50	100	75	10	Avg	%RSD
53) T	t-1,3-Dichloropro	0.466	0.466	0.420	0.474	0.389	0.377	0.432	9.87
54) T	cis-1,3-Dichlorop	0.536	0.552	0.513	0.561	0.509	0.486	0.526	5.40
55) T	1,1,2-Trichloroet	0.239	0.227	0.214	0.230	0.183	0.210	0.217	9.18
56) T	Ethyl methacrylat	0.325	0.301	0.286	0.286	0.265	0.293	0.293	6.84
57) T	1,3-Dichloropropa	0.395	0.380	0.358	0.384	0.353	0.337	0.368	6.00
58) T	2-Chloroethyl Vin	0.038	0.041	0.042	0.042	0.041	0.038	0.041	5.25
59) T	2-Hexanone	0.178	0.152	0.149	0.140	0.137	0.157	0.152	9.53
60) T	Dibromochlorometh	0.296	0.347	0.322	0.342	0.307	0.285	0.316	7.81
61) T	1,2-Dibromoethane	0.227	0.232	0.234	0.249	0.216	0.233	0.232	4.59
62) S	4-Bromofluorobenz	0.456	0.416	0.471	0.461	0.416	0.453	0.446	5.32
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.361	0.410	0.381	0.389	0.370	0.359	0.378	5.06
65) PM	Chlorobenzene	1.035	1.020	1.001	1.004	0.954	0.936	0.992	3.88
66) T	1,1,1,2-Tetrachlo	0.436	0.474	0.440	0.437	0.412	0.383	0.430	7.12
67) C	Ethyl Benzene	2.080	2.040	1.945	1.891	1.794	1.845	1.932	5.77#
68) T	m/p-Xylenes	0.749	0.742	0.706	0.682	0.634	0.662	0.696	6.47
69) T	o-Xylene	0.661	0.733	0.702	0.737	0.661	0.663	0.693	5.24
70) T	Styrene	1.132	1.094	1.069	1.042	0.971	1.056	1.061	5.08
71) P	Bromoform	0.193	0.240	0.226	0.227	0.215	0.224	0.221	7.09
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.280	4.370	3.968	4.713	3.999	3.757	4.181	8.20
74) T	N-amyl acetate	1.167	1.049	1.062	1.264	1.082	1.160	1.131	7.26
75) P	1,1,2,2-Tetrachlo	0.663	0.662	0.617	0.732	0.618	0.659	0.659	6.36
76) T	1,2,3-Trichloropr	0.509	0.494	0.495	0.572	0.486	0.514	0.512	6.14
77) T	Bromobenzene	0.943	0.923	0.864	0.983	0.819	0.760	0.882	9.43
78) T	n-propylbenzene	5.670	4.877	4.829	5.340	4.377	4.351	4.907	10.66
79) T	2-Chlorotoluene	2.864	2.926	2.699	3.183	2.620	2.500	2.799	8.74
80) T	1,3,5-Trimethylbe	3.705	3.595	3.579	3.948	3.276	3.246	3.558	7.46
81) T	trans-1,4-Dichlor	0.153	0.206	0.225	0.252	0.201	0.207	0.207	15.79
82) T	4-Chlorotoluene	3.041	3.001	2.860	3.157	2.519	2.615	2.866	8.79
83) T	tert-Butylbenzene	3.662	3.570	3.590	3.941	3.299	3.372	3.572	6.37
84) T	1,2,4-Trimethylbe	3.638	3.727	3.410	3.872	3.255	3.257	3.526	7.30
85) T	sec-Butylbenzene	4.896	4.560	4.458	4.949	4.254	3.959	4.513	8.38
86) T	p-Isopropyltoluen	4.163	4.207	4.106	4.612	3.712	3.571	4.062	9.20
87) T	1,3-Dichlorobenze	1.700	1.657	1.743	1.878	1.554	1.571	1.684	7.12
88) T	1,4-Dichlorobenze	1.697	1.838	1.661	1.809	1.570	1.652	1.705	5.96
89) T	n-Butylbenzene	4.101	4.192	3.932	4.251	3.516	3.513	3.917	8.43
90) T	Hexachloroethane	0.861	0.979	0.936	1.110	0.886	0.868	0.940	10.06
91) T	1,2-Dichlorobenze	1.622	1.625	1.566	1.729	1.445	1.550	1.589	5.97
92) T	1,2-Dibromo-3-Chl	0.161	0.137	0.123	0.166	0.130	0.144	0.143	11.88
93) T	1,2,4-Trichlorobe	1.233	1.154	1.121	1.334	1.064	1.067	1.162	9.04
94) T	Hexachlorobutadie	0.760	0.768	0.749	0.843	0.704	0.664	0.748	8.16
95) T	Naphthalene	1.955	1.860	1.879	2.275	1.747	1.705	1.903	10.69
96) T	1,2,3-Trichlorobe	0.949	0.996	0.976	1.208	0.984	0.919	1.005	10.25

(#) = Out of Range