

Method Path : Z:\VOASRV\HPCHEM1\MSVOA F\METHODS\
 Method File : 82F110218S.M
 Title : SW846 8260
 Last Update : Sat Nov 03 05:29:31 2018
 Response Via : Initial Calibration

Calibration Files

5 =VF060564.D 20 =VF060558.D 50 =VF060559.D
 100 =VF060561.D 75 =VF060560.D 10 =VF060557.D

	Compound	5	20	50	100	75	10	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.675	0.700	0.506	0.517	0.480	0.707	0.598	17.87
3) P	Chloromethane	0.477	0.491	0.401	0.391	0.378	0.488	0.438	12.10
4) C	Vinyl Chloride	0.422	0.446	0.391	0.369	0.349	0.441	0.403	9.79#
5) T	Bromomethane	0.278	0.211	0.225	0.216	0.207	0.221	0.226	11.59
6) T	Chloroethane	0.222	0.153	0.162	0.136	0.141	0.190	0.167	19.62
7) T	Trichlorofluorome	0.821	0.757	0.734	0.718	0.687	0.811	0.755	7.00
8) T	Diethyl Ether	0.167	0.144	0.128	0.123	0.120	0.157	0.140	13.69
9) T	1,1,2-Trichlorotr	0.489	0.440	0.412	0.403	0.381	0.463	0.431	9.39
10) T	Methyl Iodide	0.792	0.726	0.695	0.688	0.636	0.722	0.710	7.30
11) T	Tert butyl alcoho	0.037	0.029	0.025	0.027	0.025	0.031	0.029	15.93
12) CM	1,1-Dichloroethen	0.442	0.341	0.347	0.345	0.306	0.399	0.363	13.37#
13) T	Acrolein	0.033	0.022	0.016	0.015	0.016	0.025	0.021	32.01
14) T	Allyl chloride	0.563	0.644	0.629	0.501	0.571	0.650	0.593	9.81
15) T	Acrylonitrile	0.068	0.059	0.058	0.057	0.054	0.067	0.060	9.30
16) T	Acetone	0.136	0.124	0.110	0.104	0.103	0.137	0.119	13.20
17) T	Carbon Disulfide	1.158	1.042	0.980	0.966	0.897	1.096	1.023	9.26
18) T	Methyl Acetate	0.274	0.176	0.175	0.193	0.177	0.179	0.196	19.89
19) T	Methyl tert-butyl	0.977	0.855	0.769	0.859	0.766	0.869	0.849	9.16
20) T	Methylene Chlorid	0.802	0.407	0.360	0.338	0.329	0.464	0.450	39.85
21) T	trans-1,2-Dichlor	0.407	0.387	0.373	0.358	0.339	0.423	0.381	8.18
22) T	Diisopropyl ether	1.430	1.264	1.222	1.237	1.116	1.271	1.257	8.10
23) T	Vinyl Acetate	0.837	0.787	0.708	0.727	0.683	0.788	0.755	7.74
24) P	1,1-Dichloroethan	0.776	0.706	0.748	0.724	0.663	0.747	0.727	5.43
25) T	2-Butanone	0.426	0.296	0.223	0.211	0.210	0.328	0.282	30.38
26) T	2,2-Dichloropropa	0.667	0.539	0.523	0.502	0.485	0.549	0.544	11.88
27) T	cis-1,2-Dichloroe	0.842	0.692	0.720	0.725	0.676	0.708	0.727	8.13
28) T	Bromochloromethan	0.504	0.464	0.459	0.442	0.398	0.472	0.456	7.72
29)	Tetrahydrofuran	0.130	0.095	0.084	0.086	0.088	0.107	0.098	17.84
30) C	Chloroform	1.245	1.157	1.151	1.117	1.084	1.150	1.151	4.70#
31) T	Cyclohexane	1.081	1.047	0.972	0.959	0.866	1.096	1.004	8.71
32) T	1,1,1-Trichloroet	0.853	0.844	0.820	0.668	0.805	0.832	0.804	8.53
33) S	1,2-Dichloroethan	0.557	0.476	0.524	0.512	0.474	0.488	0.505	6.41

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.413	0.377	0.403	0.359	0.363	0.402	0.386	5.92
36) T	1,1-Dichloroprope	0.600	0.590	0.542	0.508	0.497	0.566	0.551	7.72
37) T	Ethyl Acetate	0.299	0.293	0.244	0.221	0.235	0.293	0.264	13.12
38) T	Carbon Tetrachlor	0.523	0.490	0.449	0.407	0.460	0.493	0.470	8.62
39) T	Methylcyclohexane	0.766	0.700	0.688	0.594	0.600	0.683	0.672	9.71
40) TM	Benzene	1.458	1.420	1.330	1.181	1.142	1.488	1.336	10.94
41) T	Methacrylonitrile	0.184	0.162	0.141	0.127	0.128	0.156	0.150	14.59
42) TM	1,2-Dichloroethan	0.409	0.389	0.382	0.368	0.375	0.377	0.384	3.78
43) T	Isopropyl Acetate	0.391	0.348	0.293	0.303	0.323	0.347	0.334	10.60
44) TM	Trichloroethene	0.451	0.417	0.404	0.353	0.366	0.419	0.402	9.01
45) C	1,2-Dichloropropa	0.393	0.355	0.327	0.320	0.320	0.336	0.342	8.25#
46) T	Dibromomethane	0.238	0.230	0.213	0.212	0.200	0.208	0.217	6.60
47) T	Bromodichlorometh	0.567	0.545	0.508	0.491	0.483	0.544	0.523	6.47
48) T	Methyl methacryla	0.235	0.237	0.190	0.188	0.195	0.214	0.210	10.54
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.003	0.002	12.80
50) S	Toluene-d8	1.283	1.169	1.127	1.029	1.052	1.207	1.144	8.36
51) T	4-Methyl-2-Pentan	0.263	0.245	0.201	0.185	0.200	0.255	0.225	14.82
52) CM	Toluene	0.963	0.923	0.829	0.791	0.776	0.941	0.871	9.39#

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	Compound	5	20	50	100	75	10	Avg	%RSD
53) T	t-1,3-Dichloropro	0.522	0.486	0.428	0.393	0.394	0.504	0.455	12.52
54) T	cis-1,3-Dichlorop	0.621	0.591	0.570	0.523	0.543	0.597	0.574	6.30
55) T	1,1,2-Trichloroet	0.291	0.266	0.230	0.235	0.234	0.264	0.253	9.50
56) T	Ethyl methacrylat	0.394	0.350	0.282	0.285	0.302	0.343	0.326	13.49
57) T	1,3-Dichloropropa	0.523	0.476	0.405	0.403	0.412	0.447	0.444	10.79
58) T	2-Chloroethyl Vin	0.030	0.026	0.022	0.020	0.020	0.025	0.024	16.37
59) T	2-Hexanone	0.224	0.198	0.143	0.140	0.147	0.203	0.176	20.84
60) T	Dibromochlorometh	0.406	0.377	0.343	0.322	0.320	0.357	0.354	9.36
61) T	1,2-Dibromoethane	0.293	0.278	0.252	0.256	0.252	0.267	0.266	6.20
62) S	4-Bromofluorobenz	0.554	0.533	0.496	0.441	0.444	0.535	0.501	9.72
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.435	0.416	0.399	0.370	0.316	0.414	0.392	10.94
65) PM	Chlorobenzene	1.133	1.068	1.014	0.961	0.930	1.030	1.022	7.14
66) T	1,1,1,2-Tetrachlo	0.512	0.431	0.432	0.395	0.365	0.458	0.432	11.75
67) C	Ethyl Benzene	2.255	1.904	1.881	1.511	1.606	1.976	1.856	14.43#
68) T	m/p-Xylenes	0.838	0.734	0.674	0.619	0.596	0.732	0.699	12.64
69) T	o-Xylene	0.877	0.789	0.760	0.690	0.660	0.803	0.763	10.33
70) T	Styrene	1.311	1.182	1.079	0.964	0.951	1.147	1.106	12.44
71) P	Bromoform	0.244	0.229	0.219	0.211	0.201	0.235	0.223	7.20
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.418	4.172	3.994	3.348	3.414	4.051	3.899	10.97
74) T	N-amyl acetate	1.550	1.151	1.011	0.958	0.944	1.183	1.133	20.04
75) P	1,1,2,2-Tetrachlo	0.758	0.777	0.720	0.653	0.632	0.731	0.712	8.15
76) T	1,2,3-Trichloropr	0.384	0.359	0.342	0.313	0.310	0.391	0.350	9.83
77) T	Bromobenzene	0.977	0.862	0.850	0.774	0.775	0.881	0.853	8.89
78) T	n-propylbenzene	5.591	4.799	4.479	3.838	3.818	4.848	4.562	14.80
79) T	2-Chlorotoluene	3.002	2.731	2.644	2.241	2.252	2.764	2.606	11.60
80) T	1,3,5-Trimethylbe	3.950	3.359	3.184	2.685	2.713	3.395	3.214	14.77
81) T	trans-1,4-Dichlor	0.328	0.284	0.263	0.258	0.247	0.270	0.275	10.47
82) T	4-Chlorotoluene	3.305	2.851	2.622	2.349	2.342	2.841	2.718	13.41
83) T	tert-Butylbenzene	3.881	3.420	3.332	2.750	2.796	3.522	3.284	13.32
84) T	1,2,4-Trimethylbe	3.805	3.228	3.140	2.757	2.628	3.327	3.148	13.43
85) T	sec-Butylbenzene	5.360	4.714	4.586	3.820	3.795	4.827	4.517	13.49
86) T	p-Isopropyltoluen	4.251	4.027	3.796	3.052	3.097	4.095	3.720	14.01
87) T	1,3-Dichlorobenze	1.993	1.796	1.646	1.424	1.403	1.786	1.675	13.77
88) T	1,4-Dichlorobenze	1.816	1.640	1.615	1.424	1.423	1.613	1.588	9.34
89) T	n-Butylbenzene	4.475	4.071	3.756	2.931	3.133	4.105	3.745	16.05
90) T	Hexachloroethane	1.062	1.007	0.989	0.846	0.813	0.958	0.946	10.22
91) T	1,2-Dichlorobenze	1.812	1.663	1.580	1.391	1.326	1.629	1.567	11.50
92) T	1,2-Dibromo-3-Chl	0.123	0.130	0.128	0.121	0.113	0.127	0.124	4.93
93) T	1,2,4-Trichlorobe	1.252	1.126	1.073	0.938	0.903	1.094	1.064	12.03
94) T	Hexachlorobutadie	0.808	0.721	0.708	0.621	0.599	0.681	0.690	10.91
95) T	Naphthalene	2.485	2.148	2.107	2.045	1.910	2.087	2.130	9.00
96) T	1,2,3-Trichlorobe	1.170	1.041	1.040	0.947	0.873	0.962	1.005	10.20

(#) = Out of Range