

Method Path : Z:\VOASRV\HPCHEM1\MSVOA F\METHODS\
 Method File : 82F011519S.M
 Title : SW846 8260
 Last Update : Wed Jan 16 04:51:59 2019
 Response Via : Initial Calibration

Calibration Files

5 =VF061404.D 20 =VF061406.D 50 =VF061407.D
 100 =VF061409.D 150 =VF061410.D 10 =VF061405.D

	Compound	5	20	50	100	150	10	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.958	0.916	0.996	0.992	0.938	1.095	0.982	6.44
3) P	Chloromethane	0.820	0.671	0.666	0.651	0.665	0.849	0.720	12.38
4) C	Vinyl Chloride	0.693	0.610	0.601	0.603	0.591	0.746	0.641	9.95#
5) T	Bromomethane	0.374	0.387	0.425	0.398	0.386	0.536	0.418	14.51
6) T	Chloroethane	0.270	0.263	0.303	0.254	0.254	0.361	0.284	14.70
7) T	Trichlorofluorome	1.362	1.170	1.194	1.099	1.125	1.524	1.246	13.22
8) T	Diethyl Ether	0.178	0.147	0.158	0.153	0.143	0.178	0.160	9.44
9) T	1,1,2-Trichlorotr	0.653	0.567	0.567	0.566	0.539	0.699	0.599	10.45
10) T	Methyl Iodide	0.950	0.813	0.925	0.886	0.875	1.119	0.928	11.25
11) T	Tert butyl alcoho	0.028	0.027	0.025	0.024	0.026	0.027	0.026	4.34
12) CM	1,1-Dichloroethen	0.465	0.416	0.425	0.414	0.422	0.526	0.445	9.89#
13) T	Acrolein	0.026	0.014	0.023	0.023	0.023	0.026	0.022	19.77
14) T	Allyl chloride	0.700	0.745	0.548	0.526	0.742	0.931	0.699	21.29
15) T	Acrylonitrile	0.078	0.068	0.060	0.061	0.064	0.070	0.067	10.08
16) T	Acetone	0.145	0.126	0.120	0.109	0.107	0.137	0.124	12.18
17) T	Carbon Disulfide	1.405	1.244	1.354	1.295	1.319	1.703	1.387	11.83
18) T	Methyl Acetate	0.282	0.241	0.229	0.225	0.208	0.288	0.246	13.23
19) T	Methyl tert-butyl	0.995	0.919	0.995	0.960	0.940	1.171	0.997	9.08
20) T	Methylene Chlorid	0.664	0.420	0.409	0.400	0.417	0.551	0.477	22.56
21) T	trans-1,2-Dichlor	0.525	0.482	0.450	0.456	0.451	0.571	0.489	10.07
22) T	Diisopropyl ether	1.609	1.527	1.584	1.530	1.563	1.681	1.583	3.65
23) T	Vinyl Acetate	0.573	0.622	0.766	0.720	0.687	0.473	0.640	16.73
24) P	1,1-Dichloroethan	0.988	0.981	0.983	0.935	0.947	1.125	0.993	6.84
25) T	2-Butanone	0.232	0.224	0.201	0.194	0.203	0.182	0.206	9.15
26) T	2,2-Dichloropropa	0.693	0.611	0.547	0.534	0.543	0.735	0.610	14.09
27) T	cis-1,2-Dichloroe	0.687	0.717	0.722	0.701	0.696	0.811	0.722	6.31
28) T	Bromochloromethan	0.489	0.463	0.415	0.391	0.390	0.531	0.446	12.83
29)	Tetrahydrofuran	0.097	0.090	0.091	0.085	0.078	0.092	0.089	7.30
30) C	Chloroform	1.365	1.361	1.354	1.295	1.246	1.421	1.340	4.56#
31) T	Cyclohexane	1.028	0.969	0.948	0.935	0.891	1.183	0.992	10.43
32) T	1,1,1-Trichloroet	1.001	1.040	0.826	0.902	0.914	1.215	0.983	13.92
33) S	1,2-Dichloroethan	0.587	0.608	0.630	0.626	0.638	0.616	0.617	2.95

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.394	0.396	0.401	0.382	0.368	0.425	0.395	4.82
36) T	1,1-Dichloroprope	0.568	0.593	0.588	0.559	0.547	0.622	0.580	4.69
37) T	Ethyl Acetate	0.252	0.245	0.232	0.226	0.205	0.231	0.232	7.03
38) T	Carbon Tetrachlor	0.528	0.490	0.474	0.442	0.468	0.640	0.507	14.01
39) T	Methylcyclohexane	0.654	0.643	0.573	0.567	0.584	0.749	0.628	11.10
40) TM	Benzene	1.435	1.250	1.234	1.160	1.201	1.459	1.290	9.76
41) T	Methacrylonitrile	0.126	0.123	0.118	0.114	0.118	0.140	0.123	7.40
42) TM	1,2-Dichloroethan	0.455	0.471	0.483	0.444	0.450	0.455	0.460	3.14
43) T	Isopropyl Acetate	0.295	0.289	0.298	0.303	0.291	0.269	0.291	4.04
44) TM	Trichloroethene	0.444	0.394	0.397	0.354	0.368	0.417	0.396	8.21
45) C	1,2-Dichloropropa	0.324	0.347	0.354	0.341	0.312	0.354	0.339	5.09#
46) T	Dibromomethane	0.215	0.217	0.238	0.229	0.218	0.233	0.225	4.26
47) T	Bromodichlorometh	0.545	0.553	0.570	0.574	0.556	0.544	0.557	2.25
48) T	Methyl methacryla	0.189	0.191	0.201	0.198	0.196	0.197	0.195	2.41
49) T	1,4-Dioxane	0.002	0.002	0.002	0.001	0.001	0.001	0.001	17.19
50) S	Toluene-d8	1.148	1.066	1.069	1.100	1.018	1.086	1.081	3.97
51) T	4-Methyl-2-Pentan	0.234	0.221	0.214	0.196	0.185	0.233	0.214	9.29
52) CM	Toluene	0.934	0.869	0.834	0.793	0.733	0.935	0.850	9.40#

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	Compound	5	20	50	100	150	10	Avg	%RSD
53) T	t-1,3-Dichloropro	0.457	0.450	0.465	0.447	0.423	0.412	0.442	4.69
54) T	cis-1,3-Dichlorop	0.542	0.572	0.613	0.552	0.521	0.517	0.553	6.51
55) T	1,1,2-Trichloroet	0.228	0.257	0.251	0.243	0.233	0.235	0.241	4.52
56) T	Ethyl methacrylat	0.281	0.273	0.287	0.289	0.283	0.272	0.281	2.51
57) T	1,3-Dichloropropa	0.457	0.449	0.482	0.470	0.442	0.413	0.452	5.31
58) T	2-Chloroethyl Vin	0.017	0.016	0.030	0.032	0.031	0.012	0.023	39.51
59) T	2-Hexanone	0.153	0.160	0.151	0.140	0.126	0.164	0.149	9.23
60) T	Dibromochlorometh	0.308	0.368	0.374	0.377	0.359	0.330	0.353	7.84
61) T	1,2-Dibromoethane	0.268	0.273	0.290	0.281	0.265	0.281	0.276	3.37
62) S	4-Bromofluorobenz	0.559	0.490	0.503	0.464	0.455	0.559	0.505	8.98
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.401	0.377	0.392	0.390	0.343	0.353	0.376	6.20
65) PM	Chlorobenzene	1.143	1.070	1.028	0.964	0.898	0.997	1.017	8.36
66) T	1,1,1,2-Tetrachlo	0.421	0.429	0.405	0.402	0.369	0.405	0.405	5.06
67) C	Ethyl Benzene	2.129	1.969	1.797	1.751	1.548	1.953	1.858	10.93#
68) T	m/p-Xylenes	0.779	0.680	0.655	0.633	0.545	0.717	0.668	11.87
69) T	o-Xylene	0.783	0.745	0.713	0.707	0.614	0.783	0.724	8.73
70) T	Styrene	1.069	1.097	0.927	0.936	0.816	1.102	0.991	11.71
71) P	Bromoform	0.193	0.151	0.191	0.198	0.179	0.179	0.182	9.26
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.581	4.327	4.293	3.708	3.224	4.267	4.067	12.35
74) T	N-amyl acetate	0.929	1.062	1.038	0.973	0.785	0.983	0.962	10.27
75) P	1,1,2,2-Tetrachlo	0.778	0.769	0.738	0.700	0.609	0.753	0.724	8.69
76) T	1,2,3-Trichloropr	0.582	0.531	0.541	0.497	0.442	0.530	0.521	9.04
77) T	Bromobenzene	0.907	0.868	0.918	0.855	0.732	0.873	0.859	7.73
78) T	n-propylbenzene	5.811	5.102	4.947	4.343	3.684	5.420	4.884	15.67
79) T	2-Chlorotoluene	3.343	2.842	2.861	2.558	2.292	3.034	2.822	12.96
80) T	1,3,5-Trimethylbe	3.700	3.464	3.380	3.113	2.634	3.399	3.282	11.23
81) T	trans-1,4-Dichlor	0.234	0.224	0.258	0.240	0.202	0.200	0.226	10.03
82) T	4-Chlorotoluene	3.223	2.886	2.904	2.769	2.337	2.965	2.847	10.26
83) T	tert-Butylbenzene	3.778	3.748	3.526	3.219	2.662	3.448	3.397	12.20
84) T	1,2,4-Trimethylbe	3.881	3.498	3.394	3.148	2.711	3.652	3.380	12.13
85) T	sec-Butylbenzene	5.242	4.838	4.865	4.301	3.659	4.771	4.613	12.04
86) T	p-Isopropyltoluen	4.371	4.019	3.845	3.429	2.875	4.182	3.787	14.53
87) T	1,3-Dichlorobenze	2.111	1.731	1.655	1.545	1.309	1.832	1.697	15.95
88) T	1,4-Dichlorobenze	1.742	1.632	1.695	1.590	1.433	1.645	1.623	6.59
89) T	n-Butylbenzene	4.441	4.312	3.973	3.567	2.897	4.240	3.905	14.93
90) T	Hexachloroethane	0.912	0.935	0.939	0.937	0.795	0.838	0.893	6.87
91) T	1,2-Dichlorobenze	1.780	1.683	1.669	1.506	1.303	1.698	1.607	10.79
92) T	1,2-Dibromo-3-Chl	0.110	0.138	0.139	0.129	0.127	0.128	0.128	8.01
93) T	1,2,4-Trichlorobe	1.227	1.217	1.171	1.078	0.908	1.152	1.125	10.60
94) T	Hexachlorobutadie	0.729	0.738	0.732	0.716	0.588	0.687	0.698	8.19
95) T	Naphthalene	1.951	2.231	2.319	2.325	2.020	1.984	2.138	8.07
96) T	1,2,3-Trichlorobe	1.036	1.129	1.107	1.045	0.925	1.009	1.042	7.01

(#) = Out of Range