

Method Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\
 Method File : 82F121918S.M
 Title : SW846 8260
 Last Update : Wed Dec 19 06:29:12 2018
 Response Via : Initial Calibration

Calibration Files

5 =VF061068.D 20 =VF061070.D 50 =VF061071.D
 100 =VF061073.D 75 =VF061072.D 10 =VF061069.D

	Compound	5	20	50	100	75	10	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	1.180	1.133	1.121	0.956	1.085	1.194	1.111	7.72
3) P	Chloromethane	0.638	0.616	0.632	0.574	0.661	0.699	0.637	6.61
4) C	Vinyl Chloride	0.622	0.574	0.604	0.533	0.615	0.596	0.591	5.56#
5) T	Bromomethane	0.419	0.390	0.420	0.372	0.424	0.433	0.410	5.71
6) T	Chloroethane	0.294	0.251	0.273	0.235	0.276	0.304	0.272	9.53
7) T	Trichlorofluorome	1.099	1.119	1.184	1.002	1.121	1.242	1.128	7.20
8) T	Diethyl Ether	0.164	0.145	0.157	0.148	0.152	0.161	0.154	4.88
9) T	1,1,2-Trichlorotr	0.589	0.603	0.565	0.518	0.574	0.660	0.585	8.04
10) T	Methyl Iodide	0.957	0.869	0.896	0.863	0.930	1.014	0.922	6.29
11) T	Tert butyl alcoho	0.026	0.027	0.027	0.023	0.028	0.025	0.026	7.21
12) CM	1,1-Dichloroethen	0.441	0.424	0.448	0.396	0.445	0.490	0.441	6.96#
13) T	Acrolein	0.019	0.019	0.016	0.018	0.018	0.027	0.019	19.35
14) T	Allyl chloride	0.538	0.455	0.431	0.411	0.432	0.486	0.459	10.10
15) T	Acrylonitrile	0.062	0.063	0.064	0.054	0.061	0.057	0.060	6.58
16) T	Acetone	0.141	0.124	0.136	0.107	0.130	0.133	0.129	9.56
17) T	Carbon Disulfide	1.314	1.263	1.322	1.225	1.366	1.502	1.332	7.27
18) T	Methyl Acetate	0.294	0.287	0.238	0.210	0.252	0.315	0.266	14.76
19) T	Methyl tert-butyl	0.952	1.005	0.976	0.861	1.014	1.061	0.978	6.98
20) T	Methylene Chlorid	0.444	0.438	0.425	0.374	0.427	0.569	0.446	14.62
21) T	trans-1,2-Dichlor	0.536	0.459	0.438	0.413	0.452	0.530	0.471	10.70
22) T	Diisopropyl ether	1.482	1.549	1.514	1.405	1.548	1.670	1.528	5.75
23) T	Vinyl Acetate	0.707	0.736	0.712	0.618	0.693	0.763	0.705	6.96
24) P	1,1-Dichloroethan	0.930	0.922	0.926	0.813	0.907	0.933	0.905	5.10
25) T	2-Butanone	0.236	0.201	0.209	0.173	0.195	0.238	0.208	12.00
26) T	2,2-Dichloropropa	0.574	0.518	0.515	0.450	0.481	0.578	0.519	9.69
27) T	cis-1,2-Dichloroe	0.764	0.726	0.692	0.630	0.705	0.813	0.722	8.68
28) T	Bromochloromethan	0.458	0.445	0.458	0.419	0.471	0.506	0.459	6.26
29)	Tetrahydrofuran	0.098	0.081	0.082	0.070	0.079	0.099	0.085	13.46
30) C	Chloroform	1.415	1.336	1.371	1.169	1.285	1.569	1.357	9.85#
31) T	Cyclohexane	0.983	0.933	0.912	0.811	0.934	1.062	0.939	8.81
32) T	1,1,1-Trichloroet	0.817	0.809	0.784	0.791	0.758	0.922	0.814	6.98
33) S	1,2-Dichloroethan	0.629	0.616	0.609	0.636	0.696	0.673	0.643	5.30

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.408	0.408	0.371	0.372	0.385	0.458	0.401	8.14
36) T	1,1-Dichloroprope	0.739	0.589	0.608	0.522	0.549	0.614	0.604	12.50
37) T	Ethyl Acetate	0.341	0.248	0.235	0.193	0.217	0.254	0.248	20.42
38) T	Carbon Tetrachlor	0.492	0.459	0.460	0.400	0.424	0.524	0.460	9.75
39) T	Methylcyclohexane	0.581	0.580	0.569	0.428	0.518	0.572	0.541	11.12
40) TM	Benzene	1.506	1.326	1.283	1.086	1.135	1.452	1.298	12.86
41) T	Methacrylonitrile	0.144	0.129	0.126	0.108	0.113	0.144	0.127	11.94
42) TM	1,2-Dichloroethan	0.492	0.496	0.499	0.442	0.481	0.548	0.493	6.89
43) T	Isopropyl Acetate	0.304	0.286	0.281	0.266	0.291	0.320	0.291	6.50
44) TM	Trichloroethene	0.453	0.439	0.412	0.341	0.365	0.446	0.409	11.39
45) C	1,2-Dichloropropa	0.373	0.357	0.350	0.299	0.333	0.407	0.353	10.31#
46) T	Dibromomethane	0.249	0.225	0.231	0.214	0.221	0.234	0.229	5.24
47) T	Bromodichlorometh	0.624	0.611	0.622	0.530	0.576	0.608	0.595	6.10
48) T	Methyl methacryla	0.217	0.204	0.206	0.192	0.201	0.200	0.203	4.06
49) T	1,4-Dioxane	0.002	0.002	0.002	0.001	0.002	0.001	0.001	13.30
50) S	Toluene-d8	1.173	1.144	1.100	1.023	1.118	1.252	1.135	6.76
51) T	4-Methyl-2-Pentan	0.227	0.216	0.197	0.165	0.177	0.216	0.200	12.20
52) CM	Toluene	0.923	0.933	0.833	0.728	0.790	0.948	0.859	10.41#

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	Compound	5	20	50	100	75	10	Avg	%RSD
53) T	t-1,3-Dichloropro	0.540	0.503	0.467	0.415	0.441	0.513	0.480	9.82
54) T	cis-1,3-Dichlorop	0.615	0.649	0.590	0.522	0.569	0.670	0.602	8.97
55) T	1,1,2-Trichloroet	0.278	0.271	0.243	0.223	0.252	0.278	0.258	8.53
56) T	Ethyl methacrylat	0.291	0.273	0.280	0.256	0.277	0.296	0.279	5.10
57) T	1,3-Dichloropropa	0.537	0.469	0.452	0.404	0.440	0.494	0.466	9.85
58) T	2-Chloroethyl Vin	0.047	0.061	0.052	0.051	0.053	0.057	0.054	9.39
59) T	2-Hexanone	0.172	0.149	0.146	0.116	0.134	0.150	0.145	12.80
60) T	Dibromochlorometh	0.371	0.382	0.381	0.347	0.355	0.379	0.369	4.06
61) T	1,2-Dibromoethane	0.289	0.280	0.276	0.244	0.260	0.302	0.275	7.48
62) S	4-Bromofluorobenz	0.533	0.544	0.487	0.488	0.504	0.583	0.523	7.10
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.422	0.423	0.371	0.322	0.356	0.415	0.385	10.87
65) PM	Chlorobenzene	1.150	1.079	0.981	0.891	0.957	1.140	1.033	10.26
66) T	1,1,1,2-Tetrachlo	0.464	0.456	0.392	0.350	0.385	0.486	0.422	12.76
67) C	Ethyl Benzene	2.129	1.973	1.788	1.560	1.718	2.123	1.882	12.27#
68) T	m/p-Xylenes	0.786	0.698	0.627	0.528	0.597	0.737	0.662	14.41
69) T	o-Xylene	0.826	0.754	0.697	0.620	0.663	0.847	0.734	12.31
70) T	Styrene	1.194	1.087	0.929	0.813	0.918	1.192	1.022	15.53
71) P	Bromoform	0.209	0.208	0.186	0.171	0.186	0.212	0.195	8.48
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	5.046	4.477	4.410	3.542	3.818	4.560	4.309	12.61
74) T	N-amyl acetate	1.078	0.977	0.960	0.817	0.879	1.027	0.957	10.00
75) P	1,1,2,2-Tetrachlo	0.759	0.758	0.719	0.584	0.654	0.816	0.715	11.70
76) T	1,2,3-Trichloropr	0.600	0.547	0.537	0.437	0.498	0.574	0.532	10.89
77) T	Bromobenzene	1.049	0.977	0.939	0.786	0.853	0.961	0.928	10.13
78) T	n-propylbenzene	5.847	5.544	5.166	3.983	4.283	5.804	5.104	15.60
79) T	2-Chlorotoluene	3.432	3.048	2.978	2.418	2.581	3.279	2.956	13.28
80) T	1,3,5-Trimethylbe	4.004	3.668	3.561	2.878	3.113	4.064	3.548	13.38
81) T	trans-1,4-Dichlor	0.230	0.235	0.236	0.206	0.232	0.233	0.229	4.91
82) T	4-Chlorotoluene	3.589	3.034	2.957	2.567	2.754	3.445	3.058	12.89
83) T	tert-Butylbenzene	4.337	3.781	3.660	2.923	3.115	4.090	3.651	14.99
84) T	1,2,4-Trimethylbe	4.319	3.513	3.457	2.839	3.199	3.902	3.538	14.70
85) T	sec-Butylbenzene	5.641	4.887	4.746	3.895	4.121	5.296	4.764	14.03
86) T	p-Isopropyltoluen	4.495	4.182	3.961	3.101	3.422	4.567	3.955	14.88
87) T	1,3-Dichlorobenze	2.132	1.834	1.674	1.382	1.479	1.991	1.749	16.68
88) T	1,4-Dichlorobenze	1.961	1.773	1.643	1.455	1.540	1.848	1.703	11.27
89) T	n-Butylbenzene	4.797	4.272	4.055	3.036	3.507	4.860	4.088	17.57
90) T	Hexachloroethane	1.097	0.976	0.995	0.853	0.919	1.022	0.977	8.63
91) T	1,2-Dichlorobenze	1.878	1.759	1.674	1.306	1.491	1.841	1.658	13.34
92) T	1,2-Dibromo-3-Chl	0.130	0.133	0.139	0.122	0.133	0.130	0.131	4.37
93) T	1,2,4-Trichlorobe	1.330	1.234	1.162	0.988	1.056	1.287	1.176	11.37
94) T	Hexachlorobutadie	0.819	0.765	0.759	0.655	0.697	0.799	0.749	8.31
95) T	Naphthalene	2.231	2.154	2.244	1.961	2.139	2.156	2.147	4.72
96) T	1,2,3-Trichlorobe	1.162	1.097	1.161	0.941	1.012	1.150	1.087	8.45

(#) = Out of Range