

Method Path : Z:\V0ASRV\HPCHEM1\MSVOA F\METHODS\
 Method File : 82F072418S.M
 Title : SW846 8260
 Last Update : Wed Jul 25 02:29:31 2018
 Response Via : Initial Calibration

Calibration Files

5 =VF059634.D 20 =VF059636.D 50 =VF059637.D
 100 =VF059639.D 150 =VF059640.D 10 =VF059635.D

	Compound	5	20	50	100	150	10	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.715	0.607	0.530	0.534	0.513	0.613	0.585	13.00
3) P	Chloromethane	0.406	0.339	0.277	0.289	0.276	0.312	0.316	15.77
4) C	Vinyl Chloride	0.372	0.350	0.283	0.300	0.304	0.329	0.323	10.34#
5) T	Bromomethane	0.321	0.301	0.221	0.233	0.225	0.245	0.258	16.56
6) T	Chloroethane	0.233	0.218	0.174	0.177	0.158	0.206	0.194	14.93
7) T	Trichlorofluorome	0.970	0.977	0.817	0.802	0.742	0.954	0.877	11.59
8) T	Diethyl Ether	0.143	0.117	0.106	0.116	0.121	0.130	0.122	10.61
9) T	1,1,2-Trichlorotr	0.568	0.488	0.419	0.419	0.385	0.536	0.469	15.55
10) T	Methyl Iodide	0.854	0.762	0.631	0.675	0.640	0.773	0.722	12.23
11) T	Tert butyl alcoho	0.030	0.027	0.024	0.025	0.023	0.026	0.026	9.79
12) CM	1,1-Dichloroethen	0.470	0.355	0.304	0.333	0.310	0.382	0.359	17.22#
13) T	Acrolein	0.014	0.009	0.014	0.014	0.012	0.013	0.013	14.78
14) T	Allyl chloride	0.603	0.627	0.545	0.566	0.548	0.668	0.593	8.27
15) T	Acrylonitrile	0.049	0.044	0.038	0.047	0.039	0.052	0.045	12.06
16) T	Acetone	0.139	0.102	0.096	0.094	0.079	0.117	0.105	19.83
17) T	Carbon Disulfide	1.119	1.008	0.771	0.811	0.759	1.047	0.919	17.11
18) T	Methyl Acetate	0.261	0.177	0.171	0.169	0.156	0.194	0.188	20.10
19) T	Methyl tert-butyl	1.036	0.937	0.838	0.904	0.806	0.890	0.902	8.95
20) T	Methylene Chlorid	0.468	0.360	0.277	0.295	0.263	0.417	0.346	23.91
21) T	trans-1,2-Dichlor	0.453	0.377	0.324	0.331	0.311	0.359	0.359	14.45
22) T	Diisopropyl ether	1.296	1.179	1.046	1.112	1.000	1.192	1.137	9.45
23) T	Vinyl Acetate	0.506	0.577	0.507	0.535	0.461	0.562	0.525	8.04
24) P	1,1-Dichloroethan	0.924	0.841	0.738	0.769	0.695	0.887	0.809	11.07
25) T	2-Butanone	0.165	0.133	0.112	0.121	0.103	0.132	0.128	17.09
26) T	2,2-Dichloropropa	0.794	0.694	0.599	0.588	0.541	0.746	0.660	15.06
27) T	cis-1,2-Dichloroe	0.501	0.451	0.403	0.414	0.377	0.493	0.440	11.40
28) T	Bromochloromethan	0.355	0.298	0.276	0.257	0.232	0.320	0.290	15.32
29)	Tetrahydrofuran	0.069	0.055	0.046	0.047	0.041	0.055	0.052	18.76
30) C	Chloroform	1.243	1.205	1.073	1.052	0.949	1.213	1.123	10.30#
31) T	Cyclohexane	0.526	0.495	0.431	0.435	0.415	0.524	0.471	10.66
32) T	1,1,1-Trichloroet	1.118	1.036	0.886	0.859	0.796	1.045	0.957	13.27
33) S	1,2-Dichloroethan	0.751	0.676	0.734	0.709	0.648	0.663	0.697	5.87
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.472	0.463	0.460	0.433	0.399	0.473	0.450	6.38
36) T	1,1-Dichloroprope	0.535	0.573	0.461	0.476	0.451	0.577	0.512	11.10
37) T	Ethyl Acetate	0.269	0.211	0.171	0.180	0.160	0.215	0.201	19.87
38) T	Carbon Tetrachlor	0.780	0.782	0.643	0.618	0.610	0.810	0.707	13.13
39) T	Methylcyclohexane	0.447	0.463	0.357	0.384	0.359	0.484	0.415	13.43
40) TM	Benzene	1.078	1.029	0.836	0.846	0.811	1.086	0.948	13.72
41) T	Methacrylonitrile	0.101	0.098	0.090	0.090	0.081	0.115	0.096	12.07
42) TM	1,2-Dichloroethan	0.622	0.619	0.511	0.514	0.478	0.624	0.562	11.99
43) T	Isopropyl Acetate	0.267	0.229	0.191	0.227	0.213	0.226	0.225	11.01
44) TM	Trichloroethene	0.377	0.386	0.316	0.315	0.292	0.412	0.350	13.75
45) C	1,2-Dichloropropa	0.244	0.271	0.218	0.232	0.208	0.266	0.240	10.52#
46) T	Dibromomethane	0.217	0.230	0.175	0.189	0.172	0.232	0.203	13.42
47) T	Bromodichlorometh	0.660	0.661	0.546	0.566	0.509	0.613	0.593	10.57
48) T	Methyl methacryla	0.161	0.183	0.153	0.167	0.161	0.172	0.166	6.31
49) T	1,4-Dioxane	0.001	0.001	0.001	0.001	0.001	0.001	0.001	5.96
50) S	Toluene-d8	1.108	1.135	1.143	1.098	1.010	1.086	1.097	4.34
51) T	4-Methyl-2-Pentan	0.185	0.178	0.154	0.161	0.139	0.177	0.166	10.53
52) CM	Toluene	0.836	0.757	0.601	0.592	0.581	0.766	0.689	15.99#

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	Compound	5	20	50	100	150	10	Avg	%RSD
53) T	t-1,3-Dichloropro	0.531	0.529	0.417	0.439	0.393	0.523	0.472	13.32
54) T	cis-1,3-Dichlorop	0.549	0.555	0.442	0.472	0.452	0.525	0.499	10.01
55) T	1,1,2-Trichloroet	0.227	0.221	0.183	0.207	0.191	0.239	0.211	10.22
56) T	Ethyl methacrylat	0.233	0.236	0.201	0.227	0.221	0.238	0.226	6.06
57) T	1,3-Dichloropropa	0.376	0.390	0.316	0.352	0.328	0.409	0.362	10.04
58) T	2-Chloroethyl Vin	0.033	0.032	0.026	0.025	0.024	0.034	0.029	14.98
59) T	2-Hexanone	0.141	0.139	0.113	0.123	0.111	0.131	0.126	10.08
60) T	Dibromochlorometh	0.411	0.420	0.360	0.376	0.352	0.425	0.391	8.12
61) T	1,2-Dibromoethane	0.294	0.280	0.228	0.241	0.234	0.270	0.258	10.55
62) S	4-Bromofluorobenz	0.575	0.597	0.592	0.538	0.501	0.579	0.564	6.56
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.487	0.429	0.358	0.357	0.341	0.406	0.396	14.03
65) PM	Chlorobenzene	1.061	0.950	0.833	0.861	0.818	1.035	0.926	11.34
66) T	1,1,1,2-Tetrachlo	0.530	0.445	0.396	0.387	0.362	0.457	0.429	14.21
67) C	Ethyl Benzene	1.923	1.845	1.390	1.502	1.440	1.887	1.665	14.74#
68) T	m/p-Xylenes	0.683	0.634	0.546	0.536	0.487	0.682	0.595	13.91
69) T	o-Xylene	0.704	0.660	0.594	0.601	0.561	0.679	0.633	8.83
70) T	Styrene	1.016	0.973	0.863	0.821	0.795	1.018	0.914	10.94
71) P	Bromoform	0.244	0.256	0.236	0.231	0.222	0.262	0.242	6.38
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.361	3.529	2.911	2.834	2.754	3.466	3.142	11.04
74) T	N-amyl acetate	0.719	0.681	0.610	0.702	0.654	0.677	0.674	5.73
75) P	1,1,2,2-Tetrachlo	0.505	0.527	0.467	0.457	0.441	0.459	0.476	6.89
76) T	1,2,3-Trichloropr	0.404	0.428	0.378	0.383	0.359	0.405	0.393	6.18
77) T	Bromobenzene	0.843	0.834	0.685	0.702	0.698	0.851	0.769	10.58
78) T	n-propylbenzene	4.283	4.230	3.324	3.298	3.100	4.210	3.741	14.81
79) T	2-Chlorotoluene	2.558	2.555	2.042	2.008	1.927	2.417	2.251	12.92
80) T	1,3,5-Trimethylbe	3.029	3.127	2.607	2.549	2.367	3.073	2.792	11.57
81) T	trans-1,4-Dichlor	0.261	0.257	0.214	0.232	0.236	0.253	0.242	7.40
82) T	4-Chlorotoluene	2.715	2.634	2.154	2.204	2.092	2.615	2.402	11.68
83) T	tert-Butylbenzene	3.163	3.135	2.568	2.532	2.293	3.198	2.815	14.06
84) T	1,2,4-Trimethylbe	3.141	3.275	2.631	2.520	2.431	3.193	2.865	13.19
85) T	sec-Butylbenzene	4.302	4.259	3.406	3.257	3.154	4.138	3.753	14.26
86) T	p-Isopropyltoluen	3.601	3.694	2.965	2.938	2.695	3.709	3.267	13.80
87) T	1,3-Dichlorobenze	1.892	1.698	1.368	1.324	1.221	1.839	1.557	18.51
88) T	1,4-Dichlorobenze	1.826	1.625	1.319	1.329	1.277	1.566	1.490	14.63
89) T	n-Butylbenzene	3.740	3.721	2.945	2.767	2.565	3.627	3.227	16.37
90) T	Hexachloroethane	0.855	0.898	0.773	0.713	0.692	0.850	0.797	10.50
91) T	1,2-Dichlorobenze	1.723	1.557	1.350	1.293	1.216	1.480	1.437	13.03
92) T	1,2-Dibromo-3-Chl	0.142	0.127	0.117	0.125	0.114	0.111	0.123	9.17
93) T	1,2,4-Trichlorobe	1.339	1.333	1.069	1.019	0.918	1.239	1.153	15.24
94) T	Hexachlorobutadie	0.925	0.951	0.752	0.718	0.696	0.938	0.830	14.43
95) T	Naphthalene	1.800	1.976	1.744	1.853	1.642	1.663	1.780	7.02
96) T	1,2,3-Trichlorobe	1.056	1.118	0.979	0.955	0.889	1.092	1.015	8.69

(#) = Out of Range