

Method Path : Z:\V0ASRV\HPCHEM1\MSVOA F\METHODS\
 Method File : 82F081618S.M
 Title : SW846 8260
 Last Update : Fri Aug 17 05:35:49 2018
 Response Via : Initial Calibration

Calibration Files

5 =VF059968.D 20 =VF059970.D 50 =VF059971.D
 100 =VF059973.D 75 =VF059972.D 10 =VF059969.D

	Compound	5	20	50	100	75	10	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.977	0.856	0.830	0.798	0.844	0.918	0.871	7.49
3) P	Chloromethane	0.450	0.405	0.350	0.355	0.366	0.399	0.387	9.90
4) C	Vinyl Chloride	0.478	0.441	0.478	0.481	0.491	0.460	0.471	3.83#
5) T	Bromomethane	0.468	0.448	0.425	0.432	0.446	0.440	0.443	3.40
6) T	Chloroethane	0.309	0.255	0.265	0.247	0.255	0.324	0.276	11.72
7) T	Trichlorofluorome	1.401	0.624	1.244	0.721	1.057	1.517	1.094	33.14
8) T	Diethyl Ether	0.221	0.211	0.247	0.241	0.262	0.206	0.231	9.49
9) T	1,1,2-Trichlorotr	0.709	0.678	0.681	0.628	0.673	0.701	0.678	4.16
10) T	Methyl Iodide	0.791	0.917	0.822	0.887	0.900	0.793	0.852	6.62
11) T	Tert butyl alcoho	0.090	0.085	0.082	0.083	0.085	0.093	0.086	4.86
12) CM	1,1-Dichloroethen	0.469	0.476	0.449	0.470	0.478	0.526	0.478	5.35#
13) T	Acrolein	0.031	0.027	0.040	0.044	0.043	0.026	0.035	22.71
14) T	Allyl chloride	0.898	0.858	0.737	0.738	0.776	0.829	0.806	8.20
15) T	Acrylonitrile	0.137	0.131	0.129	0.134	0.135	0.132	0.133	2.08
16) T	Acetone	0.386	0.411	0.380	0.356	0.372	0.481	0.398	11.19
17) T	Carbon Disulfide	1.617	1.589	1.395	1.396	1.445	1.619	1.510	7.26
18) T	Methyl Acetate	1.148	0.988	0.732	0.717	0.692	0.996	0.879	21.64
19) T	Methyl tert-butyl	1.848	1.777	1.756	1.841	1.762	1.752	1.789	2.44
20) T	Methylene Chlorid	0.869	0.615	0.544	0.505	0.522	0.699	0.626	22.24
21) T	trans-1,2-Dichlor	0.453	0.518	0.474	0.476	0.476	0.516	0.486	5.34
22) T	Diisopropyl ether	1.633	1.713	1.846	1.847	1.806	1.737	1.764	4.80
23) T	Vinyl Acetate	0.637	0.768	0.836	0.879	0.876	0.779	0.796	11.40
24) P	1,1-Dichloroethan	1.108	1.166	1.235	1.131	1.159	1.235	1.172	4.48
25) T	2-Butanone	0.300	0.309	0.295	0.299	0.307	0.338	0.308	5.03
26) T	2,2-Dichloropropa	1.017	1.082	1.099	1.065	1.118	1.116	1.083	3.52
27) T	cis-1,2-Dichloroe	0.429	0.470	0.460	0.456	0.473	0.465	0.459	3.42
28) T	Bromochloromethan	0.417	0.357	0.344	0.339	0.337	0.421	0.369	10.58
29)	Tetrahydrofuran	0.134	0.124	0.113	0.109	0.117	0.127	0.121	7.73
30) C	Chloroform	1.337	1.403	1.376	1.317	1.347	1.381	1.360	2.35#
31) T	Cyclohexane	0.487	0.514	0.464	0.486	0.496	0.525	0.495	4.37
32) T	1,1,1-Trichloroet	1.284	1.339	1.307	1.249	1.280	1.408	1.311	4.27
33) S	1,2-Dichloroethan	1.123	1.161	1.163	1.074	1.098	1.217	1.139	4.52

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.569	0.536	0.536	0.501	0.500	0.628	0.545	8.83
36) T	1,1-Dichloroprope	0.609	0.581	0.544	0.514	0.527	0.647	0.570	8.96
37) T	Ethyl Acetate	0.445	0.459	0.432	0.415	0.425	0.566	0.457	12.12
38) T	Carbon Tetrachlor	0.728	0.730	0.794	0.758	0.772	0.866	0.774	6.63
39) T	Methylcyclohexane	0.357	0.403	0.400	0.409	0.385	0.426	0.397	5.93
40) TM	Benzene	0.988	0.980	0.900	0.943	0.894	1.036	0.957	5.75
41) T	Methacrylonitrile	0.207	0.212	0.185	0.196	0.203	0.212	0.202	5.19
42) TM	1,2-Dichloroethan	1.005	0.982	0.895	0.862	0.898	1.062	0.951	8.17
43) T	Isopropyl Acetate	0.470	0.444	0.475	0.491	0.500	0.473	0.476	4.06
44) TM	Trichloroethene	0.386	0.384	0.360	0.335	0.346	0.419	0.372	8.28
45) C	1,2-Dichloropropa	0.266	0.281	0.277	0.267	0.276	0.306	0.279	5.18#
46) T	Dibromomethane	0.352	0.325	0.313	0.320	0.324	0.341	0.329	4.43
47) T	Bromodichlorometh	0.767	0.775	0.778	0.750	0.784	0.834	0.781	3.63
48) T	Methyl methacryla	0.293	0.338	0.348	0.361	0.355	0.307	0.334	8.33
49) T	1,4-Dioxane	0.003	0.003	0.003	0.003	0.003	0.003	0.003	9.60
50) S	Toluene-d8	1.143	1.128	1.141	1.146	1.093	1.243	1.149	4.37
51) T	4-Methyl-2-Pentan	0.470	0.448	0.442	0.420	0.437	0.500	0.453	6.25
52) CM	Toluene	0.715	0.743	0.708	0.681	0.681	0.787	0.719	5.67#

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	Compound	5	20	50	100	75	10	Avg	%RSD
53) T	t-1,3-Dichloropro	0.708	0.703	0.692	0.670	0.666	0.757	0.699	4.73
54) T	cis-1,3-Dichlorop	0.597	0.646	0.648	0.620	0.657	0.648	0.636	3.60
55) T	1,1,2-Trichloroet	0.318	0.339	0.328	0.339	0.326	0.391	0.340	7.67
56) T	Ethyl methacrylat	0.362	0.391	0.430	0.432	0.423	0.371	0.402	7.72
57) T	1,3-Dichloropropa	0.611	0.583	0.609	0.591	0.592	0.644	0.605	3.61
58) T	2-Chloroethyl Vin	0.036	0.038	0.036	0.034	0.034	0.039	0.036	6.15
59) T	2-Hexanone	0.359	0.367	0.363	0.345	0.359	0.403	0.366	5.33
60) T	Dibromochlorometh	0.529	0.559	0.614	0.608	0.608	0.631	0.591	6.56
61) T	1,2-Dibromoethane	0.431	0.441	0.442	0.439	0.449	0.468	0.445	2.81
62) S	4-Bromofluorobenz	0.750	0.731	0.761	0.680	0.691	0.846	0.743	8.03
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.439	0.434	0.366	0.358	0.368	0.419	0.397	9.42
65) PM	Chlorobenzene	1.051	0.978	0.951	0.902	0.941	1.079	0.984	6.93
66) T	1,1,1,2-Tetrachlo	0.463	0.446	0.449	0.438	0.450	0.514	0.460	6.02
67) C	Ethyl Benzene	1.741	1.758	1.704	1.607	1.685	1.999	1.749	7.62#
68) T	m/p-Xylenes	0.637	0.606	0.573	0.554	0.578	0.662	0.602	6.85
69) T	o-Xylene	0.588	0.629	0.629	0.625	0.640	0.684	0.632	4.86
70) T	Styrene	1.092	1.033	1.014	0.935	0.995	1.091	1.027	5.85
71) P	Bromoform	0.368	0.398	0.397	0.390	0.412	0.400	0.394	3.72
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	2.659	2.852	2.953	2.888	2.832	2.966	2.858	3.90
74) T	N-amyl acetate	0.768	0.971	1.058	1.112	1.070	0.996	0.996	12.34
75) P	1,1,2,2-Tetrachlo	0.742	0.684	0.713	0.690	0.670	0.749	0.708	4.55
76) T	1,2,3-Trichloropr	0.726	0.682	0.644	0.641	0.616	0.668	0.663	5.80
77) T	Bromobenzene	0.843	0.838	0.826	0.812	0.822	0.867	0.834	2.32
78) T	n-propylbenzene	3.558	3.585	3.499	3.300	3.281	3.862	3.514	6.08
79) T	2-Chlorotoluene	2.235	2.169	2.160	2.135	2.057	2.345	2.183	4.49
80) T	1,3,5-Trimethylbe	2.543	2.654	2.651	2.515	2.510	2.822	2.616	4.58
81) T	trans-1,4-Dichlor	0.236	0.235	0.277	0.278	0.280	0.251	0.260	8.22
82) T	4-Chlorotoluene	2.445	2.547	2.414	2.342	2.367	2.611	2.454	4.27
83) T	tert-Butylbenzene	2.414	2.707	2.590	2.489	2.464	2.689	2.559	4.77
84) T	1,2,4-Trimethylbe	2.553	2.878	2.758	2.699	2.599	3.056	2.757	6.76
85) T	sec-Butylbenzene	3.094	3.383	3.329	3.178	3.131	3.542	3.276	5.26
86) T	p-Isopropyltoluen	2.820	3.001	2.982	2.836	2.805	3.167	2.935	4.82
87) T	1,3-Dichlorobenze	1.604	1.599	1.494	1.416	1.431	1.701	1.541	7.27
88) T	1,4-Dichlorobenze	1.639	1.609	1.508	1.462	1.475	1.677	1.562	5.86
89) T	n-Butylbenzene	2.693	2.929	2.992	2.776	2.730	3.032	2.859	5.04
90) T	Hexachloroethane	0.586	0.658	0.670	0.659	0.646	0.702	0.654	5.85
91) T	1,2-Dichlorobenze	1.590	1.606	1.544	1.450	1.439	1.691	1.553	6.24
92) T	1,2-Dibromo-3-Chl	0.195	0.208	0.238	0.229	0.242	0.257	0.228	9.98
93) T	1,2,4-Trichlorobe	1.245	1.600	1.249	1.175	1.179	1.388	1.306	12.52
94) T	Hexachlorobutadie	0.737	0.809	0.782	0.710	0.732	0.860	0.771	7.34
95) T	Naphthalene	1.888	2.363	2.397	2.423	2.500	2.053	2.270	10.68
96) T	1,2,3-Trichlorobe	1.175	1.250	1.245	1.200	1.189	1.370	1.238	5.76

(#) = Out of Range