

Method Path : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\
 Method File : 82F042419S.M
 Title : SW846 8260
 Last Update : Thu Apr 25 08:40:59 2019
 Response Via : Initial Calibration

Calibration Files

10 =VF062279.D 5 =VF062278.D 20 =VF062285.D
 50 =VF062281.D 100 =VF062283.D 75 =VF062282.D

	Compound	10	5	20	50	100	75	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.676	0.636	0.612	0.529	0.538	0.574	0.594	9.68
3) P	Chloromethane	0.520	0.596	0.502	0.443	0.463	0.480	0.501	10.83
4) C	Vinyl Chloride	0.530	0.507	0.476	0.419	0.440	0.472	0.474	8.64#
5) T	Bromomethane	0.337	0.387	0.295	0.303	0.289	0.321	0.322	11.31
6) T	Chloroethane	0.211	0.228	0.197	0.202	0.192	0.217	0.208	6.43
7) T	Trichlorofluorome	0.831	0.763	0.747	0.694	0.716	0.767	0.753	6.29
8) T	Diethyl Ether	0.139	0.172	0.135	0.113	0.126	0.134	0.136	14.41
9) T	1,1,2-Trichlorotr	0.544	0.473	0.477	0.424	0.450	0.469	0.473	8.48
10) T	Methyl Iodide	0.875	0.890	0.829	0.746	0.783	0.835	0.826	6.59
11) T	Tert butyl alcoho	0.023	0.026	0.026	0.023	0.024	0.025	0.024	5.41
12) CM	1,1-Dichloroethen	0.462	0.473	0.397	0.396	0.394	0.409	0.422	8.46#
13) T	Acrolein	0.009	0.017	0.026	0.024	0.023	0.024	0.020	30.80
14) T	Allyl chloride	0.492	0.514	0.447	0.401	0.417	0.483	0.459	9.73
15) T	Acrylonitrile	0.069	0.072	0.070	0.067	0.063	0.067	0.068	4.86
16) T	Acetone	0.094	0.102	0.093	0.084	0.082	0.089	0.091	7.95
17) T	Carbon Disulfide	1.179	1.291	1.065	0.997	1.028	1.101	1.110	9.78
18) T	Methyl Acetate	0.232	0.244	0.197	0.152	0.165	0.169	0.193	19.59
19) T	Methyl tert-butyl	0.820	0.822	0.833	0.780	0.762	0.809	0.804	3.42
20) T	Methylene Chlorid	0.617	0.842	0.403	0.361	0.363	0.393	0.497	39.17
21) T	trans-1,2-Dichlor	0.428	0.472	0.417	0.370	0.399	0.416	0.417	8.07
22) T	Diisopropyl ether	1.390	1.330	1.239	1.093	1.161	1.202	1.236	8.87
23) T	Vinyl Acetate	0.578	0.554	0.586	0.507	0.507	0.556	0.548	6.24
24) P	1,1-Dichloroethan	0.750	0.728	0.707	0.634	0.676	0.738	0.705	6.17
25) T	2-Butanone	0.145	0.160	0.152	0.128	0.134	0.144	0.144	8.03
26) T	2,2-Dichloropropa	0.384	0.389	0.385	0.339	0.328	0.373	0.366	7.22
27) T	cis-1,2-Dichloroe	0.575	0.546	0.519	0.482	0.513	0.533	0.528	5.97
28) T	Bromochloromethan	0.307	0.333	0.309	0.291	0.257	0.287	0.297	8.53
29) T	Tetrahydrofuran	0.065	0.069	0.068	0.058	0.059	0.060	0.063	7.80
30) C	Chloroform	0.936	0.862	0.910	0.821	0.855	0.931	0.886	5.25#
31) T	Cyclohexane	0.708	0.716	0.656	0.621	0.638	0.688	0.671	5.80
32) T	1,1,1-Trichloroet	0.614	0.766	0.746	0.649	0.667	0.729	0.695	8.69
33) S	1,2-Dichloroethan	0.391	0.456	0.389	0.403	0.382	0.409	0.405	6.61

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.366	0.423	0.363	0.380	0.334	0.358	0.371	7.97
36) T	1,1-Dichloroprope	0.489	0.504	0.465	0.434	0.429	0.447	0.461	6.65
37) T	Ethyl Acetate	0.210	0.217	0.204	0.174	0.178	0.183	0.194	9.42
38) T	Carbon Tetrachlor	0.437	0.562	0.491	0.404	0.421	0.498	0.469	12.59
39) T	Methylcyclohexane	0.572	0.599	0.540	0.509	0.491	0.519	0.538	7.53
40) TM	Benzene	1.184	1.217	1.140	1.008	1.035	1.103	1.114	7.36
41) T	Methacrylonitrile	0.106	0.114	0.117	0.103	0.101	0.106	0.108	5.76
42) TM	1,2-Dichloroethan	0.366	0.356	0.363	0.329	0.344	0.360	0.353	3.98
43) T	Isopropyl Acetate	0.186	0.273	0.220	0.174	0.200	0.206	0.210	16.53
44) TM	Trichloroethene	0.413	0.412	0.403	0.342	0.344	0.349	0.377	9.43
45) C	1,2-Dichloropropa	0.265	0.282	0.263	0.223	0.231	0.245	0.251	8.94#
46) T	Dibromomethane	0.182	0.191	0.186	0.169	0.176	0.185	0.181	4.41
47) T	Bromodichlorometh	0.427	0.478	0.432	0.389	0.401	0.433	0.427	7.27
48) T	Methyl methacryla	0.145	0.165	0.144	0.122	0.133	0.144	0.142	10.10
49) T	1,4-Dioxane	0.002	0.002	0.002	0.001	0.001	0.002	0.002	12.50
50) S	Toluene-d8	0.813	1.081	0.900	0.896	0.838	0.905	0.906	10.36
51) T	4-Methyl-2-Pentan	0.162	0.186	0.157	0.133	0.136	0.143	0.153	13.06
52) CM	Toluene	0.657	0.744	0.663	0.571	0.582	0.641	0.643	9.76#

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	Compound	10	5	20	50	100	75	Avq	%RSD
53) T	t-1,3-Dichloropro	0.301	0.356	0.341	0.281	0.292	0.310	0.314	9.24
54) T	cis-1,3-Dichlorop	0.400	0.442	0.422	0.366	0.379	0.403	0.402	6.86
55) T	1,1,2-Trichloroet	0.186	0.184	0.190	0.164	0.185	0.187	0.183	5.13
56) T	Ethyl methacrylat	0.183	0.256	0.198	0.176	0.191	0.200	0.201	14.22
57) T	1,3-Dichloropropa	0.281	0.321	0.307	0.253	0.272	0.289	0.287	8.47
58) T	2-Chloroethyl Vin	0.064	0.061	0.067	0.059	0.059	0.057	0.061	5.86
59) T	2-Hexanone	0.112	0.144	0.110	0.085	0.090	0.096	0.106	20.18
60) T	Dibromochlorometh	0.287	0.310	0.306	0.272	0.296	0.308	0.296	4.95
61) T	1,2-Dibromoethane	0.203	0.236	0.217	0.194	0.205	0.213	0.211	6.80
62) S	4-Bromofluorobenz	0.366	0.478	0.366	0.350	0.328	0.351	0.373	14.22
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.444	0.446	0.453	0.387	0.366	0.413	0.418	8.52
65) PM	Chlorobenzene	0.943	0.982	0.960	0.834	0.834	0.928	0.914	7.02
66) T	1,1,1,2-Tetrachlo	0.470	0.457	0.452	0.404	0.381	0.418	0.430	8.08
67) C	Ethyl Benzene	1.743	1.781	1.705	1.428	1.369	1.505	1.588	11.11#
68) T	m/p-Xylenes	0.636	0.646	0.625	0.535	0.536	0.571	0.591	8.53
69) T	o-Xylene	0.701	0.693	0.706	0.615	0.588	0.661	0.661	7.44
70) T	Stvrene	1.012	1.071	1.039	0.857	0.856	0.896	0.955	10.11
71) P	Bromoform	0.253	0.237	0.267	0.230	0.228	0.239	0.242	6.18
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.670	3.470	3.550	3.323	3.152	3.390	3.426	5.28
74) T	N-amyl acetate	0.803	0.992	0.835	0.661	0.731	0.714	0.789	14.89
75) P	1,1,2,2-Tetrachlo	0.558	0.506	0.588	0.537	0.518	0.559	0.544	5.56
76) T	1,2,3-Trichloropr	0.396	0.411	0.385	0.364	0.366	0.394	0.386	4.74
77) T	Bromobenzene	0.864	0.878	0.910	0.813	0.814	0.859	0.856	4.41
78) T	n-propylbenzene	3.894	3.903	3.838	3.353	3.181	3.458	3.605	8.71
79) T	2-Chlorotoluene	2.292	2.282	2.261	2.045	1.969	2.177	2.171	6.23
80) T	1,3,5-Trimethylbe	3.096	3.050	3.178	2.772	2.504	2.752	2.892	8.93
81) T	trans-1,4-Dichlor	0.184	0.196	0.190	0.142	0.157	0.167	0.173	12.21
82) T	4-Chlorotoluene	2.223	2.336	2.304	2.036	1.924	2.066	2.148	7.64
83) T	tert-Butylbenzene	3.252	3.130	3.191	2.776	2.554	2.904	2.968	9.15
84) T	1,2,4-Trimethylbe	3.108	3.083	2.986	2.538	2.430	2.660	2.801	10.53
85) T	sec-Butylbenzene	3.987	3.968	3.937	3.505	3.269	3.515	3.697	8.28
86) T	p-Isopropyltoluen	3.590	3.648	3.584	3.032	2.872	3.159	3.314	10.10
87) T	1,3-Dichlorobenze	1.632	1.766	1.606	1.335	1.346	1.406	1.515	11.72
88) T	1,4-Dichlorobenze	1.519	1.555	1.545	1.314	1.288	1.398	1.437	8.31
89) T	n-Butylbenzene	3.453	3.479	3.260	2.692	2.473	2.712	3.011	14.52
90) T	Hexachloroethane	0.921	0.794	0.863	0.807	0.765	0.834	0.831	6.70
91) T	1,2-Dichlorobenze	1.585	1.582	1.578	1.309	1.267	1.404	1.454	10.09
92) T	1,2-Dibromo-3-Chl	0.106	0.115	0.108	0.106	0.111	0.112	0.110	3.19
93) T	1,2,4-Trichlorobe	1.380	1.413	1.377	1.185	1.104	1.208	1.278	10.04
94) T	Hexachlorobutadie	0.975	0.950	0.987	0.878	0.825	0.899	0.919	6.83
95) T	Naphthalene	1.971	2.058	2.048	1.896	1.927	1.976	1.979	3.25
96) T	1,2,3-Trichlorobe	1.299	1.211	1.302	1.138	1.122	1.178	1.208	6.44

(#) = Out of Range