

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N022519W.M
 Title : SW846 8260
 Last Update : Thu Feb 28 04:05:45 2019
 Response Via : Initial Calibration

Calibration Files

1 =VN053922.D 5 =VN053929.D 20 =VN053924.D
 50 =VN053925.D 100 =VN053926.D 150 =VN053927.D

	Compound	1	5	20	50	100	150	Avq	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.488	0.488	0.458	0.452	0.442	0.433	0.460	5.06
3) P	Chloromethane	0.670	0.679	0.625	0.616	0.619	0.620	0.638	4.46
4) C	Vinyl Chloride	0.664	0.696	0.626	0.618	0.615	0.617	0.640	5.18#
5) T	Bromomethane	0.469	0.532	0.397	0.384	0.377	0.383	0.424	14.96
6) T	Chloroethane	0.477	0.411	0.394	0.372	0.369	0.364	0.398	10.76
7) T	Trichlorofluorome	0.918	0.885	0.802	0.776	0.761	0.760	0.817	8.32
8) T	Diethyl Ether	0.317	0.319	0.292	0.302	0.304	0.302	0.306	3.31
9) T	1,1,2-Trichlorotr	0.583	0.560	0.509	0.487	0.482	0.475	0.516	8.72
10) T	Methyl Iodide		0.559	0.657	0.694	0.744	0.736	0.678	11.11
11) T	Tert butyl alcoho		0.038	0.035	0.039	0.036	0.036	0.037	4.33
12) CM	1,1-Dichloroethen	0.533	0.529	0.472	0.479	0.477	0.470	0.494	5.96#
13) T	Acrolein		0.054	0.028	0.031	0.045	0.034	0.038	28.13
14) T	Allyl chloride	0.893	0.843	0.838	0.863	0.876	0.881	0.866	2.53
15) T	Acrylonitrile	0.185	0.204	0.191	0.202	0.197	0.195	0.196	3.61
16) T	Acetone	0.221	0.175	0.165	0.168	0.155	0.147	0.172	15.13
17) T	Carbon Disulfide	1.772	1.732	1.509	1.507	1.514	1.520	1.592	7.83
18) T	Methyl Acetate	0.478	0.413	0.383	0.404	0.390	0.392	0.410	8.54
19) T	Methyl tert-butyl	1.228	1.370	1.289	1.362	1.348	1.348	1.324	4.17
20) T	Methylene Chlorid	0.656	0.631	0.560	0.551	0.542	0.540	0.580	8.68
21) T	trans-1,2-Dichlor	0.551	0.587	0.516	0.523	0.516	0.513	0.534	5.47
22) T	Diisopropyl ether	1.479	1.698	1.643	1.711	1.733	1.756	1.670	6.04
23) T	Vinyl Acetate	1.006	1.205	1.166	1.262	1.281	1.288	1.201	8.87
24) P	1,1-Dichloroethan	1.109	1.086	0.991	0.997	0.982	0.980	1.024	5.63
25) T	2-Butanone	0.221	0.237	0.224	0.241	0.231	0.228	0.230	3.37
26) T	2,2-Dichloropropa	0.739	0.768	0.706	0.716	0.718	0.719	0.728	3.07
27) T	cis-1,2-Dichloroe	0.579	0.643	0.586	0.589	0.587	0.581	0.594	4.05
28) T	Bromochloromethan	0.487	0.495	0.452	0.479	0.454	0.446	0.469	4.46
29) T	Tetrahydrofuran	0.147	0.158	0.149	0.160	0.153	0.151	0.153	3.36
30) C	Chloroform	1.078	1.039	0.973	0.972	0.959	0.937	0.993	5.42#
31) T	Cyclohexane	1.722	1.105	0.926	0.924	0.932	0.935	1.091	29.08
32) T	1,1,1-Trichloroet	0.852	0.849	0.798	0.810	0.803	0.801	0.819	3.05
33) S	1,2-Dichloroethan		0.652	0.599	0.572	0.561	0.547	0.586	7.08
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.331	0.336	0.317	0.321	0.312	0.323	3.06
36) T	1,1-Dichloroprope	0.429	0.470	0.467	0.461	0.484	0.478	0.465	4.18
37) T	Ethyl Acetate	0.398	0.319	0.302	0.326	0.326	0.320	0.332	10.14
38) T	Carbon Tetrachlor	0.623	0.479	0.449	0.445	0.454	0.451	0.484	14.37
39) T	Methylcyclohexane	0.575	0.544	0.530	0.552	0.579	0.583	0.560	3.86
40) TM	Benzene	1.477	1.409	1.408	1.415	1.438	1.423	1.428	1.85
41) T	Methacrylonitrile	0.205	0.205	0.215	0.236	0.179	0.243	0.214	10.94
42) TM	1,2-Dichloroethan	0.453	0.454	0.432	0.438	0.444	0.432	0.442	2.23
43) T	Isopropyl Acetate	0.547	0.580	0.531	0.557	0.576	0.572	0.561	3.40
44) TM	Trichloroethene	0.410	0.372	0.366	0.374	0.378	0.371	0.379	4.18
45) C	1,2-Dichloropropa	0.409	0.385	0.370	0.378	0.385	0.385	0.385	3.38#
46) T	Dibromomethane	0.227	0.228	0.223	0.224	0.221	0.219	0.224	1.49
47) T	Bromodichlorometh	0.487	0.462	0.464	0.467	0.477	0.472	0.472	1.99
48) T	Methyl methacryla	0.226	0.238	0.242	0.267	0.284	0.289	0.258	10.09
49) T	1,4-Dioxane	0.003	0.003	0.003	0.004	0.004	0.003	0.003	6.92
50) S	Toluene-d8		1.189	1.219	1.191	1.220	1.199	1.204	1.23
51) T	4-Methyl-2-Pentan	0.242	0.278	0.273	0.313	0.313	0.310	0.288	9.92
52) CM	Toluene	0.813	0.829	0.822	0.855	0.867	0.861	0.841	2.69#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.394	0.428	0.435	0.474	0.507	0.515	0.459	10.40
54) T	cis-1,3-Dichlorop	0.498	0.507	0.530	0.552	0.577	0.582	0.541	6.53
55) T	1,1,2-Trichloroet	0.314	0.317	0.316	0.314	0.315	0.310	0.314	0.77
56) T	Ethyl methacrylat	0.284	0.326	0.348	0.402	0.420	0.425	0.368	15.55
57) T	1,3-Dichloropropa	0.516	0.528	0.524	0.536	0.544	0.537	0.531	1.90
58) T	2-Chloroethyl Vin	0.097	0.136	0.162	0.184	0.192	0.202	0.162	24.52
59) T	2-Hexanone	0.159	0.173	0.176	0.205	0.206	0.206	0.187	11.15
60) T	Dibromochlorometh	0.357	0.324	0.341	0.352	0.361	0.360	0.349	4.11
61) T	1,2-Dibromoethane	0.300	0.297	0.291	0.306	0.311	0.313	0.303	2.80
62) S	4-Bromofluorobenz		0.387	0.387	0.396	0.419	0.415	0.401	3.77
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.479	0.442	0.434	0.406	0.396	0.384	0.423	8.33
65) PM	Chlorobenzene	1.130	1.074	1.016	1.032	1.043	1.037	1.055	3.90
66) T	1,1,1,2-Tetrachlo	0.395	0.368	0.381	0.377	0.381	0.379	0.380	2.34
67) C	Ethyl Benzene	1.722	1.764	1.730	1.771	1.822	1.805	1.769	2.25#
68) T	m/p-Xylenes	0.643	0.648	0.663	0.677	0.693	0.682	0.668	2.97
69) T	o-Xylene	0.652	0.650	0.649	0.650	0.669	0.667	0.656	1.39
70) T	Stvrene	0.825	0.957	1.005	1.070	1.101	1.096	1.009	10.51
71) P	Bromoform	0.249	0.248	0.261	0.273	0.279	0.277	0.265	5.29
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.318	4.327	3.829	3.603	3.651	3.625	3.892	8.80
74) T	N-amyl acetate	0.888	1.036	0.966	1.047	1.081	1.103	1.020	7.85
75) P	1,1,2,2-Tetrachlo	1.120	1.096	0.938	0.903	0.900	0.882	0.973	10.93
76) T	1,2,3-Trichloropr	0.979	0.863	0.724	0.760	0.747	0.739	0.802	12.45
77) T	Bromobenzene	1.099	1.064	0.956	0.932	0.939	0.938	0.988	7.43
78) T	n-propylbenzene	4.632	4.697	4.364	4.256	4.310	4.300	4.426	4.26
79) T	2-Chlorotoluene	2.921	2.893	2.616	2.494	2.521	2.511	2.659	7.39
80) T	1,3,5-Trimethylbe	3.227	3.439	3.189	3.091	3.083	3.089	3.186	4.32
81) T	trans-1,4-Dichlor	0.251	0.248	0.235	0.253	0.265	0.270	0.254	4.94
82) T	4-Chlorotoluene	2.630	2.875	2.576	2.543	2.567	2.577	2.628	4.73
83) T	tert-Butylbenzene	2.893	3.115	2.821	2.686	2.705	2.690	2.818	5.95
84) T	1,2,4-Trimethylbe	3.059	3.347	3.239	3.154	3.161	3.126	3.181	3.15
85) T	sec-Butylbenzene	3.983	4.293	3.839	3.659	3.676	3.645	3.849	6.60
86) T	p-Isopropyltoluen	3.211	3.474	3.251	3.172	3.209	3.208	3.254	3.40
87) T	1,3-Dichlorobenze	1.770	1.831	1.664	1.645	1.673	1.674	1.709	4.32
88) T	1,4-Dichlorobenze	1.710	1.748	1.597	1.616	1.643	1.637	1.658	3.51
89) T	n-Butylbenzene	2.507	2.732	2.675	2.761	2.874	2.905	2.742	5.26
90) T	Hexachloroethane	0.734	0.681	0.600	0.572	0.595	0.601	0.631	9.99
91) T	1,2-Dichlorobenze	1.741	1.776	1.627	1.606	1.608	1.571	1.655	5.02
92) T	1,2-Dibromo-3-Chl	0.153	0.146	0.129	0.134	0.134	0.130	0.138	6.90
93) T	1,2,4-Trichlorobe	0.469	0.667	0.804	0.883	0.935	0.955	0.786	23.79
94) T	Hexachlorobutadie	0.698	0.664	0.599	0.554	0.545	0.526	0.598	11.65
95) T	Naphthalene	0.886	1.335	1.542	1.886	2.014	2.099	1.627	28.59
96) T	1,2,3-Trichlorobe	0.538	0.741	0.794	0.866	0.887	0.907	0.789	17.43

(#) = Out of Range