

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N082118W.M
 Title : SW846 8260
 Last Update : Wed Aug 22 05:38:12 2018
 Response Via : Initial Calibration

Calibration Files

1 =VN050786.D 5 =VN050780.D 20 =VN050781.D
 50 =VN050782.D 100 =VN050783.D 150 =VN050784.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.545	0.546	0.759	0.728	0.720	0.718	0.669	14.48
3) P	Chloromethane	0.947	0.791	0.836	0.793	0.785	0.801	0.825	7.54
4) C	Vinyl Chloride	0.812	0.744	0.807	0.779	0.772	0.777	0.782	3.19#
5) T	Bromomethane	0.744	0.486	0.464	0.441	0.452	0.433	0.503	23.75
6) T	Chloroethane	0.476	0.462	0.461	0.438	0.435	0.439	0.452	3.78
7) T	Trichlorofluorome	1.012	1.008	1.031	0.989	0.990	0.978	1.001	1.92
8) T	Diethyl Ether	0.334	0.332	0.344	0.333	0.346	0.354	0.340	2.57
9) T	1,1,2-Trichlorotr	0.674	0.623	0.637	0.607	0.606	0.606	0.625	4.32
10) T	Methyl Iodide		0.373	0.435	0.492	0.564	0.619	0.496	19.79
11) T	Tert butyl alcoho		0.035	0.037	0.038	0.039	0.042	0.038	7.25
12) CM	1,1-Dichloroethen	0.552	0.553	0.569	0.559	0.565	0.571	0.562	1.46#
13) T	Acrolein		0.015	0.021	0.022	0.023	0.024	0.021	16.78
14) T	Allyl chloride	0.849	0.811	0.856	0.884	0.915	0.935	0.875	5.20
15) T	Acrylonitrile	0.176	0.192	0.193	0.196	0.202	0.208	0.195	5.55
16) T	Acetone	0.201	0.202	0.150	0.142	0.141	0.140	0.163	18.64
17) T	Carbon Disulfide	2.388	1.675	1.821	1.774	1.801	1.836	1.883	13.49
18) T	Methyl Acetate	0.732	0.554	0.538	0.519	0.525	0.542	0.568	14.23
19) T	Methyl tert-butyl	1.297	1.268	1.420	1.462	1.497	1.530	1.413	7.60
20) T	Methylene Chlorid	0.798	0.713	0.662	0.633	0.631	0.633	0.678	9.80
21) T	trans-1,2-Dichlor	0.662	0.576	0.604	0.598	0.601	0.604	0.607	4.71
22) T	Diisopropyl ether	1.517	1.660	1.829	1.814	1.812	1.830	1.744	7.37
23) T	Vinyl Acetate	0.939	1.014	1.141	1.193	1.218	1.234	1.123	10.72
24) P	1,1-Dichloroethan	1.183	1.140	1.126	1.087	1.089	1.092	1.120	3.41
25) T	2-Butanone	0.280	0.284	0.220	0.219	0.225	0.228	0.243	12.63
26) T	2,2-Dichloropropa	0.961	0.898	0.900	0.867	0.891	0.881	0.900	3.61
27) T	cis-1,2-Dichloroe	0.634	0.637	0.663	0.654	0.666	0.675	0.655	2.55
28) T	Bromochloromethan	0.441	0.522	0.473	0.489	0.466	0.464	0.476	5.76
29) T	Tetrahydrofuran	0.124	0.128	0.140	0.145	0.148	0.150	0.139	7.88
30) C	Chloroform	1.128	1.173	1.127	1.083	1.070	1.072	1.109	3.69#
31) T	Cyclohexane	1.673	0.984	0.975	0.993	1.021	1.028	1.112	24.76
32) T	1,1,1-Trichloroet	0.989	0.982	0.949	0.920	0.932	0.942	0.952	2.91
33) S	1,2-Dichloroethan		0.681	0.565	0.593	0.592	0.579	0.602	7.55
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.423	0.383	0.393	0.401	0.390	0.398	3.90
36) T	1,1-Dichloroprope	0.579	0.542	0.594	0.598	0.615	0.611	0.590	4.51
37) T	Ethyl Acetate	0.321	0.314	0.341	0.352	0.351	0.354	0.339	5.13
38) T	Carbon Tetrachlor	0.592	0.582	0.605	0.590	0.608	0.602	0.596	1.68
39) T	Methylcyclohexane	0.598	0.540	0.620	0.659	0.706	0.708	0.638	10.28
40) TM	Benzene	1.723	1.717	1.814	1.796	1.823	1.802	1.779	2.63
41) T	Methacrylonitrile	0.171	0.165	0.184	0.180	0.208	0.191	0.183	8.38
42) TM	1,2-Dichloroethan	0.491	0.549	0.551	0.534	0.539	0.527	0.532	4.17
43) T	Isopropyl Acetate	0.504	0.537	0.582	0.600	0.633	0.641	0.583	9.26
44) TM	Trichloroethene	0.455	0.461	0.472	0.467	0.481	0.480	0.469	2.20
45) C	1,2-Dichloropropa	0.466	0.454	0.477	0.465	0.473	0.471	0.468	1.73#
46) T	Dibromomethane	0.272	0.268	0.281	0.274	0.278	0.275	0.275	1.74
47) T	Bromodichlorometh	0.517	0.581	0.588	0.580	0.593	0.594	0.575	5.08
48) T	Methyl methacryla	0.256	0.254	0.302	0.310	0.326	0.333	0.297	11.49
49) T	1,4-Dioxane	0.003	0.004	0.004	0.004	0.005	0.005	0.004	14.18
50) S	Toluene-d8		1.459	1.393	1.506	1.561	1.517	1.487	4.30
51) T	4-Methyl-2-Pentan	0.325	0.368	0.341	0.345	0.352	0.356	0.348	4.26
52) CM	Toluene	0.883	0.979	1.106	1.094	1.134	1.127	1.054	9.56#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.499	0.517	0.566	0.586	0.627	0.641	0.573	9.99
54) T	cis-1,3-Dichlorop	0.554	0.591	0.679	0.679	0.713	0.720	0.656	10.34
55) T	1,1,2-Trichloroet	0.387	0.383	0.400	0.389	0.396	0.392	0.391	1.57
56) T	Ethyl methacrylat	0.307	0.381	0.443	0.484	0.517	0.531	0.444	19.42
57) T	1,3-Dichloropropa	0.587	0.624	0.660	0.657	0.674	0.672	0.646	5.23
58) T	2-Chloroethyl Vin	0.115	0.159	0.194	0.210	0.226	0.232	0.189	23.58
59) T	2-Hexanone	0.215	0.242	0.219	0.229	0.241	0.243	0.232	5.30
60) T	Dibromochlorometh	0.387	0.416	0.446	0.447	0.465	0.467	0.438	7.10
61) T	1,2-Dibromoethane	0.321	0.365	0.385	0.387	0.405	0.407	0.378	8.48
62) S	4-Bromofluorobenz		0.442	0.445	0.499	0.542	0.544	0.494	10.10
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.524	0.468	0.477	0.467	0.463	0.451	0.475	5.33
65) PM	Chlorobenzene	1.335	1.280	1.298	1.295	1.319	1.316	1.307	1.51
66) T	1,1,1,2-Tetrachlo	0.483	0.470	0.478	0.477	0.481	0.480	0.478	0.95
67) C	Ethyl Benzene	1.894	1.919	2.109	2.226	2.315	2.284	2.125	8.62#
68) T	m/p-Xylenes	0.649	0.706	0.847	0.867	0.890	0.881	0.806	12.74
69) T	o-Xylene	0.635	0.690	0.789	0.829	0.855	0.855	0.775	11.92
70) T	Stvrene	0.841	1.032	1.273	1.345	1.392	1.390	1.212	18.66
71) P	Bromoform	0.294	0.304	0.330	0.337	0.350	0.357	0.329	7.58
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.338	3.889	4.237	4.152	4.109	4.116	4.140	3.63
74) T	N-amyl acetate	1.033	0.932	1.021	1.060	1.089	1.107	1.040	5.99
75) P	1,1,2,2-Tetrachlo	1.486	1.180	1.086	1.009	0.969	0.963	1.116	17.85
76) T	1,2,3-Trichloropr	0.991	0.974	0.921	0.804	0.778	0.786	0.876	11.15
77) T	Bromobenzene	1.340	1.113	1.099	1.060	1.061	1.078	1.125	9.52
78) T	n-propylbenzene	4.467	4.197	4.784	4.767	4.767	4.768	4.625	5.24
79) T	2-Chlorotoluene	3.098	2.805	2.959	2.833	2.794	2.795	2.881	4.28
80) T	1,3,5-Trimethylbe	3.073	3.114	3.538	3.465	3.428	3.426	3.341	5.87
81) T	trans-1,4-Dichlor	0.253	0.230	0.252	0.260	0.274	0.285	0.259	7.43
82) T	4-Chlorotoluene	2.784	2.713	2.940	2.859	2.873	2.896	2.844	2.89
83) T	tert-Butylbenzene	2.831	2.738	2.939	2.934	2.913	3.004	2.893	3.26
84) T	1,2,4-Trimethylbe	2.921	3.077	3.598	3.552	3.511	3.505	3.360	8.52
85) T	sec-Butylbenzene	3.389	3.643	3.953	3.894	3.923	3.945	3.791	6.03
86) T	p-Isopropyltoluen	2.615	2.932	3.390	3.435	3.511	3.500	3.230	11.47
87) T	1,3-Dichlorobenze	1.992	1.863	1.906	1.881	1.905	1.909	1.909	2.31
88) T	1,4-Dichlorobenze	2.105	1.805	1.837	1.817	1.848	1.863	1.879	6.00
89) T	n-Butylbenzene	2.082	2.227	2.539	2.756	2.924	2.974	2.584	14.25
90) T	Hexachloroethane	0.876	0.683	0.627	0.596	0.605	0.624	0.669	15.88
91) T	1,2-Dichlorobenze	2.028	1.801	1.837	1.809	1.801	1.778	1.842	5.04
92) T	1,2-Dibromo-3-Chl	0.172	0.141	0.143	0.143	0.147	0.147	0.149	7.76
93) T	1,2,4-Trichlorobe	0.696	0.500	0.728	0.872	0.979	1.036	0.802	24.87
94) T	Hexachlorobutadie	0.774	0.622	0.576	0.553	0.543	0.536	0.601	15.09
95) T	Naphthalene	1.288	0.853	1.341	1.740	2.048	2.223	1.582	32.58
96) T	1,2,3-Trichlorobe	0.710	0.537	0.735	0.834	0.912	0.956	0.781	19.64

(#) = Out of Range