

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N072418W.M
 Title : SW846 8260
 Last Update : Thu Jul 26 18:10:10 2018
 Response Via : Initial Calibration

Calibration Files

1 =VN050010.D 5 =VN050011.D 20 =VN050012.D
 50 =VN050013.D 100 =VN050014.D 150 =VN050015.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.668	0.598	0.815	0.767	0.734	0.729	0.718	10.61
3) P	Chloromethane	0.884	0.786	0.789	0.758	0.729	0.739	0.781	7.18
4) C	Vinyl Chloride	0.901	0.855	0.846	0.797	0.767	0.768	0.822	6.55#
5) T	Bromomethane	0.649	0.542	0.487	0.453	0.455	0.449	0.506	15.54
6) T	Chloroethane	0.601	0.531	0.489	0.463	0.442	0.437	0.494	12.69
7) T	Trichlorofluorome	1.249	1.118	1.097	1.005	0.973	0.951	1.065	10.53
8) T	Diethyl Ether	0.370	0.365	0.355	0.347	0.348	0.346	0.355	2.89
9) T	1,1,2-Trichlorotr	0.794	0.663	0.646	0.595	0.577	0.568	0.641	13.13
10) T	Methyl Iodide		0.728	0.833	0.842	0.855	0.854	0.822	6.51
11) T	Tert butyl alcoho		0.051	0.050	0.050	0.051	0.054	0.051	2.92
12) CM	1,1-Dichloroethen	0.654	0.588	0.577	0.552	0.547	0.539	0.576	7.36#
13) T	Acrolein		0.035	0.041	0.044	0.042	0.044	0.041	9.12
14) T	Allyl chloride	0.929	0.882	0.881	0.872	0.889	0.908	0.894	2.39
15) T	Acrylonitrile	0.220	0.232	0.222	0.221	0.222	0.227	0.224	2.05
16) T	Acetone	0.234	0.195	0.173	0.166	0.161	0.163	0.182	15.65
17) T	Carbon Disulfide	2.011	1.838	1.756	1.658	1.654	1.676	1.765	7.91
18) T	Methyl Acetate	1.625	0.791	0.691	0.638	0.625	0.627	0.833	47.20
19) T	Methyl tert-butyl	1.418	1.498	1.569	1.572	1.572	1.586	1.536	4.28
20) T	Methylene Chlorid	0.962	0.733	0.664	0.629	0.605	0.609	0.700	19.49
21) T	trans-1,2-Dichlor	0.660	0.634	0.620	0.587	0.584	0.578	0.611	5.36
22) T	Diisopropyl ether	1.488	1.750	1.883	1.838	1.828	1.845	1.772	8.23
23) T	Vinyl Acetate	1.060	1.199	1.281	1.301	1.329	1.344	1.252	8.54
24) P	1,1-Dichloroethan	1.269	1.245	1.189	1.103	1.078	1.069	1.159	7.53
25) T	2-Butanone	0.249	0.275	0.267	0.265	0.269	0.273	0.266	3.43
26) T	2,2-Dichloropropa	1.010	0.960	0.880	0.830	0.812	0.796	0.881	9.83
27) T	cis-1,2-Dichloroe	0.623	0.687	0.669	0.653	0.657	0.655	0.657	3.21
28) T	Bromochloromethan	0.546	0.573	0.542	0.514	0.505	0.490	0.528	5.75
29) T	Tetrahydrofuran	0.163	0.166	0.174	0.175	0.176	0.178	0.172	3.58
30) C	Chloroform	1.341	1.298	1.177	1.116	1.092	1.070	1.182	9.56#
31) T	Cyclohexane	1.830	1.040	0.942	0.942	0.956	0.964	1.112	31.76
32) T	1,1,1-Trichloroet	1.130	1.061	1.021	0.963	0.951	0.942	1.011	7.31
33) S	1,2-Dichloroethan		0.814	0.693	0.676	0.659	0.646	0.698	9.67
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.435	0.401	0.413	0.402	0.390	0.408	4.14
36) T	1,1-Dichloroprope	0.535	0.522	0.590	0.578	0.581	0.575	0.563	4.97
37) T	Ethyl Acetate	0.366	0.386	0.398	0.398	0.407	0.402	0.393	3.82
38) T	Carbon Tetrachlor	0.631	0.604	0.599	0.591	0.586	0.576	0.598	3.16
39) T	Methylcyclohexane	0.507	0.516	0.567	0.606	0.637	0.643	0.580	10.21
40) TM	Benzene	1.599	1.736	1.764	1.746	1.731	1.709	1.714	3.44
41) T	Methacrylonitrile	0.151	0.150	0.209	0.167	0.213	0.215	0.184	17.08
42) TM	1,2-Dichloroethan	0.602	0.590	0.584	0.563	0.552	0.539	0.572	4.24
43) T	Isopropyl Acetate	1.806	0.946	0.761	0.731	0.728	0.731	0.951	44.97
44) TM	Trichloroethene	0.490	0.469	0.463	0.449	0.449	0.443	0.461	3.79
45) C	1,2-Dichloropropa	0.443	0.465	0.466	0.455	0.452	0.445	0.454	2.15#
46) T	Dibromomethane	0.278	0.288	0.289	0.286	0.278	0.273	0.282	2.27
47) T	Bromodichlorometh	0.619	0.605	0.592	0.589	0.586	0.579	0.595	2.45
48) T	Methyl methacryla	0.261	0.303	0.347	0.369	0.371	0.378	0.338	13.74
49) T	1,4-Dioxane	0.003	0.004	0.005	0.005	0.005	0.005	0.005	13.60
50) S	Toluene-d8		1.444	1.457	1.547	1.540	1.516	1.501	3.16
51) T	4-Methyl-2-Pentan	0.302	0.371	0.403	0.416	0.412	0.412	0.386	11.51
52) CM	Toluene	0.798	0.986	1.059	1.082	1.074	1.073	1.012	10.92#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.438	0.522	0.564	0.596	0.618	0.632	0.561	12.88
54) T	cis-1,3-Dichlorop	0.521	0.628	0.651	0.671	0.688	0.692	0.642	9.97
55) T	1,1,2-Trichloroet	0.382	0.417	0.413	0.403	0.398	0.396	0.401	3.13
56) T	Ethyl methacrylat	0.316	0.415	0.471	0.530	0.551	0.563	0.474	20.10
57) T	1,3-Dichloropropa	0.575	0.666	0.668	0.678	0.666	0.668	0.654	5.92
58) T	2-Chloroethyl Vin	0.146	0.184	0.224	0.252	0.258	0.261	0.221	21.21
59) T	2-Hexanone	0.173	0.233	0.264	0.284	0.285	0.288	0.255	17.74
60) T	Dibromochlorometh	0.377	0.448	0.455	0.462	0.460	0.464	0.444	7.59
61) T	1,2-Dibromoethane	0.367	0.403	0.395	0.408	0.406	0.410	0.398	4.09
62) S	4-Bromofluorobenz		0.419	0.457	0.522	0.533	0.540	0.494	10.82
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.518	0.498	0.507	0.474	0.452	0.434	0.481	6.86
65) PM	Chlorobenzene	1.311	1.283	1.264	1.252	1.236	1.232	1.263	2.38
66) T	1,1,1,2-Tetrachlo	0.523	0.503	0.484	0.473	0.467	0.462	0.485	4.82
67) C	Ethyl Benzene	1.704	1.848	2.078	2.170	2.185	2.189	2.029	10.12#
68) T	m/p-Xylenes	0.582	0.700	0.821	0.840	0.831	0.830	0.767	13.65
69) T	o-Xylene	0.563	0.663	0.762	0.798	0.802	0.801	0.732	13.41
70) T	Stvrene	0.789	0.971	1.244	1.307	1.314	1.317	1.157	19.34
71) P	Bromoform	0.340	0.351	0.354	0.356	0.357	0.360	0.353	2.02
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.705	3.895	3.947	3.942	3.878	3.900	3.878	2.30
74) T	N-amyl acetate	1.135	1.099	1.165	1.226	1.231	1.255	1.185	5.18
75) P	1,1,2,2-Tetrachlo	1.568	1.328	1.136	1.062	1.011	1.011	1.186	18.69
76) T	1,2,3-Trichloropr	1.072	1.056	0.907	0.879	0.825	0.836	0.929	11.67
77) T	Bromobenzene	1.259	1.117	1.038	1.026	0.999	1.010	1.075	9.26
78) T	n-propylbenzene	3.745	4.189	4.546	4.562	4.485	4.478	4.334	7.36
79) T	2-Chlorotoluene	2.565	2.794	2.772	2.706	2.639	2.643	2.686	3.25
80) T	1,3,5-Trimethylbe	2.479	2.940	3.286	3.253	3.177	3.167	3.050	10.00
81) T	trans-1,4-Dichlor	0.241	0.288	0.292	0.302	0.313	0.321	0.293	9.63
82) T	4-Chlorotoluene	2.395	2.646	2.754	2.758	2.693	2.716	2.660	5.13
83) T	tert-Butylbenzene	2.390	2.625	2.737	2.773	2.720	2.727	2.662	5.33
84) T	1,2,4-Trimethylbe	2.305	2.933	3.353	3.337	3.257	3.262	3.074	13.23
85) T	sec-Butylbenzene	3.014	3.443	3.752	3.747	3.677	3.708	3.557	8.13
86) T	p-Isopropyltoluen	2.256	2.770	3.194	3.265	3.240	3.257	2.997	13.65
87) T	1,3-Dichlorobenze	1.830	1.860	1.852	1.813	1.778	1.797	1.822	1.75
88) T	1,4-Dichlorobenze	1.833	1.786	1.769	1.761	1.746	1.761	1.776	1.74
89) T	n-Butylbenzene	1.907	2.196	2.465	2.670	2.740	2.808	2.464	14.28
90) T	Hexachloroethane	0.833	0.715	0.630	0.607	0.597	0.610	0.665	13.92
91) T	1,2-Dichlorobenze	2.020	1.852	1.842	1.769	1.729	1.716	1.821	6.18
92) T	1,2-Dibromo-3-Chl	0.248	0.200	0.182	0.172	0.171	0.171	0.191	15.80
93) T	1,2,4-Trichlorobe	0.527	0.581	0.796	0.920	0.975	1.024	0.804	25.99
94) T	Hexachlorobutadie	0.632	0.605	0.555	0.524	0.522	0.508	0.558	9.01
95) T	Naphthalene	1.216	1.105	1.675	2.095	2.318	2.489	1.816	31.81
96) T	1,2,3-Trichlorobe	0.566	0.637	0.844	0.905	0.950	0.980	0.814	21.13

(#) = Out of Range