

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N111418W.M
 Title : SW846 8260
 Last Update : Fri Nov 30 14:00:03 2018
 Response Via : Initial Calibration

Calibration Files

1 =VN052304.D 5 =VN052305.D 20 =VN052306.D
 50 =VN052307.D 100 =VN052308.D 150 =VN052309.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.476	0.483	0.556	0.552	0.554	0.558	0.530	7.39
3) P	Chloromethane	0.718	0.735	0.734	0.753	0.743	0.736	0.736	1.55
4) C	Vinyl Chloride	0.621	0.658	0.638	0.632	0.636	0.634	0.636	1.89#
5) T	Bromomethane	0.460	0.412	0.383	0.377	0.374	0.374	0.397	8.63
6) T	Chloroethane	0.348	0.396	0.357	0.360	0.349	0.350	0.360	5.05
7) T	Trichlorofluorome	0.905	0.919	0.850	0.869	0.872	0.869	0.881	2.95
8) T	Diethyl Ether	0.346	0.346	0.320	0.335	0.332	0.336	0.336	2.83
9) T	1,1,2-Trichlorotr	0.599	0.584	0.536	0.545	0.541	0.533	0.556	5.07
10) T	Methyl Iodide		0.687	0.721	0.757	0.781	0.788	0.747	5.66
11) T	Tert butyl alcoho		0.041	0.032	0.035	0.039	0.040	0.037	10.01
12) CM	1,1-Dichloroethen	0.536	0.547	0.497	0.500	0.505	0.504	0.515	4.10#
13) T	Acrolein		0.062	0.053	0.054	0.059	0.060	0.058	6.52
14) T	Allyl chloride	1.091	1.061	0.953	1.065	1.084	1.088	1.057	4.96
15) T	Acrylonitrile	0.203	0.222	0.207	0.215	0.215	0.216	0.213	3.11
16) T	Acetone	0.220	0.197	0.190	0.188	0.184	0.187	0.194	6.74
17) T	Carbon Disulfide	1.414	1.421	1.420	1.485	1.542	1.575	1.476	4.72
18) T	Methyl Acetate	0.764	0.544	0.544	0.532	0.537	0.554	0.579	15.68
19) T	Methyl tert-butyl	1.351	1.517	1.454	1.503	1.522	1.528	1.479	4.61
20) T	Methylene Chlorid	0.844	0.671	0.599	0.595	0.590	0.584	0.647	15.69
21) T	trans-1,2-Dichlor	0.570	0.594	0.537	0.543	0.542	0.538	0.554	4.18
22) T	Diisopropyl ether	2.045	2.213	2.151	2.183	2.184	2.164	2.156	2.72
23) T	Vinyl Acetate	1.143	1.468	1.466	1.549	1.570	1.580	1.463	11.23
24) P	1,1-Dichloroethan	1.217	1.226	1.126	1.126	1.123	1.120	1.156	4.36
25) T	2-Butanone	0.240	0.297	0.273	0.275	0.276	0.281	0.274	6.89
26) T	2,2-Dichloropropa	0.849	0.824	0.830	0.859	0.871	0.868	0.850	2.33
27) T	cis-1,2-Dichloroe	0.678	0.686	0.624	0.636	0.623	0.623	0.645	4.51
28) T	Bromochloromethan	0.633	0.628	0.560	0.585	0.583	0.579	0.595	4.87
29) T	Tetrahydrofuran	0.183	0.177	0.172	0.179	0.184	0.184	0.180	2.55
30) C	Chloroform	1.105	1.171	1.080	1.093	1.081	1.083	1.102	3.17#
31) T	Cyclohexane	2.453	1.310	1.092	1.063	1.069	1.057	1.341	41.28
32) T	1,1,1-Trichloroet	0.968	0.969	0.896	0.925	0.931	0.943	0.939	2.95
33) S	1,2-Dichloroethan		0.724	0.667	0.699	0.723	0.719	0.706	3.42
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.305	0.301	0.332	0.337	0.337	0.322	5.58
36) T	1,1-Dichloroprope	0.509	0.493	0.482	0.508	0.510	0.504	0.501	2.23
37) T	Ethyl Acetate	0.363	0.332	0.358	0.379	0.378	0.372	0.364	4.80
38) T	Carbon Tetrachlor	0.395	0.465	0.447	0.482	0.487	0.487	0.460	7.74
39) T	Methylcyclohexane	0.554	0.569	0.548	0.581	0.591	0.590	0.572	3.18
40) TM	Benzene	1.430	1.449	1.413	1.450	1.432	1.417	1.432	1.08
41) T	Methacrylonitrile	0.300	0.209	0.128	0.192	0.198	0.220	0.208	26.67
42) TM	1,2-Dichloroethan	0.482	0.543	0.501	0.509	0.510	0.519	0.511	3.98
43) T	Isopropyl Acetate	0.748	0.707	0.663	0.684	0.704	0.705	0.702	4.06
44) TM	Trichloroethene	0.334	0.343	0.357	0.361	0.361	0.361	0.353	3.23
45) C	1,2-Dichloropropa	0.406	0.428	0.401	0.400	0.403	0.400	0.406	2.65#
46) T	Dibromomethane	0.227	0.249	0.228	0.241	0.235	0.231	0.235	3.68
47) T	Bromodichlorometh	0.452	0.474	0.471	0.494	0.504	0.502	0.483	4.30
48) T	Methyl methacryla	0.425	0.325	0.326	0.350	0.356	0.356	0.356	10.23
49) T	1,4-Dioxane	0.002	0.003	0.002	0.003	0.003	0.003	0.003	14.68
50) S	Toluene-d8		1.242	1.182	1.285	1.322	1.313	1.269	4.55
51) T	4-Methyl-2-Pentan	0.300	0.355	0.348	0.369	0.374	0.373	0.353	7.98
52) CM	Toluene	0.801	0.860	0.840	0.878	0.881	0.879	0.856	3.69#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.415	0.436	0.470	0.514	0.537	0.549	0.487	11.31
54) T	cis-1,3-Dichlorop	0.461	0.534	0.544	0.585	0.601	0.604	0.555	9.80
55) T	1,1,2-Trichloroet	0.298	0.320	0.304	0.312	0.317	0.311	0.310	2.67
56) T	Ethyl methacrylat	0.328	0.381	0.403	0.434	0.450	0.453	0.408	11.77
57) T	1,3-Dichloropropa	0.518	0.541	0.545	0.569	0.565	0.562	0.550	3.52
58) T	2-Chloroethyl Vin	0.197	0.216	0.232	0.248	0.250	0.251	0.232	9.45
59) T	2-Hexanone	0.202	0.240	0.241	0.254	0.260	0.260	0.243	9.07
60) T	Dibromochlorometh	0.310	0.308	0.322	0.347	0.362	0.365	0.336	7.65
61) T	1,2-Dibromoethane	0.279	0.316	0.298	0.318	0.321	0.324	0.309	5.72
62) S	4-Bromofluorobenz		0.375	0.370	0.434	0.453	0.455	0.417	10.04
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.384	0.366	0.347	0.346	0.345	0.346	0.355	4.48
65) PM	Chlorobenzene	1.104	1.079	1.014	1.045	1.049	1.050	1.057	2.93
66) T	1,1,1,2-Tetrachlo	0.328	0.363	0.356	0.372	0.372	0.373	0.360	4.86
67) C	Ethyl Benzene	1.709	1.820	1.804	1.880	1.893	1.900	1.834	3.98#
68) T	m/p-Xylenes	0.604	0.655	0.665	0.702	0.695	0.700	0.670	5.66
69) T	o-Xylene	0.520	0.648	0.650	0.679	0.682	0.676	0.642	9.63
70) T	Stvrene	0.838	0.972	1.039	1.100	1.105	1.118	1.029	10.53
71) P	Bromoform	0.166	0.198	0.202	0.224	0.240	0.247	0.213	14.04
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.986	4.268	3.971	3.923	4.004	3.968	4.020	3.10
74) T	N-amyl acetate	1.155	1.450	1.415	1.503	1.539	1.529	1.432	10.04
75) P	1,1,2,2-Tetrachlo	0.968	1.140	0.958	0.938	0.922	0.905	0.972	8.81
76) T	1,2,3-Trichloropr	0.973	0.954	0.783	0.844	0.768	0.768	0.848	11.05
77) T	Bromobenzene	0.973	1.003	0.917	0.912	0.913	0.894	0.935	4.55
78) T	n-propylbenzene	4.485	4.892	4.647	4.725	4.735	4.725	4.701	2.83
79) T	2-Chlorotoluene	2.741	2.947	2.745	2.680	2.686	2.680	2.747	3.75
80) T	1,3,5-Trimethylbe	2.882	3.348	3.242	3.253	3.230	3.226	3.197	5.02
81) T	trans-1,4-Dichlor	0.222	0.258	0.236	0.264	0.292	0.298	0.262	11.51
82) T	4-Chlorotoluene	2.980	2.890	2.717	2.743	2.781	2.772	2.814	3.57
83) T	tert-Butylbenzene	2.887	2.933	2.819	2.783	2.772	2.740	2.822	2.62
84) T	1,2,4-Trimethylbe	2.907	3.261	3.240	3.299	3.278	3.271	3.209	4.65
85) T	sec-Butylbenzene	3.561	3.962	3.847	3.912	3.897	3.888	3.845	3.74
86) T	p-Isopropyltoluen	2.859	3.428	3.295	3.332	3.316	3.310	3.257	6.16
87) T	1,3-Dichlorobenze	1.727	1.697	1.626	1.644	1.637	1.637	1.661	2.47
88) T	1,4-Dichlorobenze	1.707	1.711	1.606	1.619	1.635	1.631	1.652	2.77
89) T	n-Butylbenzene	2.193	2.727	2.740	2.968	3.049	3.106	2.797	11.97
90) T	Hexachloroethane	0.550	0.569	0.546	0.577	0.610	0.609	0.577	4.83
91) T	1,2-Dichlorobenze	1.636	1.695	1.618	1.595	1.564	1.549	1.609	3.30
92) T	1,2-Dibromo-3-Chl	0.142	0.148	0.131	0.140	0.148	0.151	0.143	5.08
93) T	1,2,4-Trichlorobe	0.502	0.573	0.642	0.715	0.763	0.778	0.662	16.62
94) T	Hexachlorobutadie	0.382	0.388	0.362	0.362	0.357	0.359	0.368	3.56
95) T	Naphthalene	0.980	1.170	1.462	1.717	1.798	1.852	1.496	23.92
96) T	1,2,3-Trichlorobe	0.543	0.495	0.591	0.663	0.673	0.704	0.612	13.44

(#) = Out of Range