

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N091718W.M
 Title : SW846 8260
 Last Update : Tue Sep 18 06:04:06 2018
 Response Via : Initial Calibration

Calibration Files

1 =VN051271.D 5 =VN051265.D 20 =VN051266.D
 50 =VN051267.D 100 =VN051268.D 150 =VN051269.D

	Compound	1	5	20	50	100	150	Avq	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.526	0.438	0.488	0.504	0.482	0.472	0.485	6.14
3) P	Chloromethane	0.896	0.636	0.619	0.642	0.626	0.615	0.672	16.39
4) C	Vinyl Chloride	0.775	0.610	0.629	0.653	0.632	0.627	0.655	9.28#
5) T	Bromomethane	0.777	0.386	0.354	0.382	0.384	0.392	0.446	36.52
6) T	Chloroethane	0.459	0.369	0.376	0.390	0.376	0.374	0.391	8.79
7) T	Trichlorofluorome	1.034	0.838	0.873	0.895	0.872	0.871	0.897	7.77
8) T	Diethyl Ether	0.308	0.267	0.281	0.304	0.299	0.302	0.294	5.44
9) T	1,1,2-Trichlorotr	0.661	0.540	0.540	0.557	0.535	0.531	0.561	8.88
10) T	Methyl Iodide		0.342	0.419	0.541	0.571	0.634	0.502	23.61
11) T	Tert butyl alcoho		0.028	0.028	0.032	0.031	0.031	0.030	6.14
12) CM	1,1-Dichloroethen	0.557	0.465	0.487	0.513	0.508	0.508	0.506	6.02#
13) T	Acrolein		0.029	0.042	0.047	0.045	0.047	0.042	18.29
14) T	Allyl chloride	0.795	0.657	0.704	0.788	0.768	0.773	0.747	7.37
15) T	Acrylonitrile	0.147	0.144	0.149	0.172	0.164	0.164	0.157	7.26
16) T	Acetone	0.168	0.164	0.118	0.128	0.116	0.114	0.135	18.24
17) T	Carbon Disulfide	2.692	1.441	1.482	1.591	1.551	1.552	1.718	27.94
18) T	Methyl Acetate	0.789	0.400	0.351	0.383	0.365	0.365	0.442	38.57
19) T	Methyl tert-butyl	1.159	1.033	1.167	1.326	1.289	1.306	1.213	9.36
20) T	Methylene Chlorid	0.731	0.572	0.555	0.587	0.564	0.560	0.595	11.38
21) T	trans-1,2-Dichlor	0.683	0.489	0.516	0.559	0.542	0.541	0.555	12.16
22) T	Diisopropyl ether	1.295	1.277	1.497	1.605	1.514	1.499	1.448	9.10
23) T	Vinyl Acetate	0.838	0.779	0.919	1.061	1.016	1.015	0.938	11.95
24) P	1,1-Dichloroethan	1.028	0.939	0.939	1.007	0.948	0.946	0.968	4.07
25) T	2-Butanone	0.184	0.178	0.160	0.179	0.171	0.172	0.174	4.83
26) T	2,2-Dichloropropa	0.846	0.743	0.759	0.813	0.783	0.779	0.787	4.71
27) T	cis-1,2-Dichloroe	0.643	0.528	0.571	0.613	0.597	0.606	0.593	6.70
28) T	Bromochloromethan	0.463	0.421	0.428	0.416	0.416	0.414	0.426	4.39
29) T	Tetrahydrofuran	0.107	0.093	0.103	0.118	0.112	0.113	0.108	8.34
30) C	Chloroform	1.088	0.963	0.965	1.000	0.965	0.949	0.988	5.24#
31) T	Cyclohexane	1.571	0.809	0.824	0.898	0.875	0.875	0.975	30.14
32) T	1,1,1-Trichloroet	0.908	0.784	0.842	0.876	0.837	0.843	0.848	4.90
33) S	1,2-Dichloroethan		0.568	0.533	0.535	0.544	0.538	0.543	2.60
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.384	0.377	0.390	0.403	0.389	0.389	2.47
36) T	1,1-Dichloroprope	0.573	0.453	0.529	0.573	0.566	0.554	0.541	8.55
37) T	Ethyl Acetate	0.302	0.236	0.268	0.297	0.286	0.282	0.278	8.57
38) T	Carbon Tetrachlor	0.596	0.521	0.550	0.587	0.573	0.560	0.564	4.85
39) T	Methylcyclohexane	0.565	0.462	0.549	0.645	0.657	0.650	0.588	13.14
40) TM	Benzene	1.570	1.474	1.590	1.711	1.676	1.641	1.610	5.28
41) T	Methacrylonitrile	0.143	0.129	0.139	0.166	0.141	0.139	0.143	8.67
42) TM	1,2-Dichloroethan	0.488	0.434	0.472	0.494	0.482	0.470	0.474	4.53
43) T	Isopropyl Acetate	0.420	0.456	0.466	0.518	0.516	0.512	0.481	8.35
44) TM	Trichloroethene	0.505	0.395	0.432	0.467	0.459	0.459	0.453	8.17
45) C	1,2-Dichloropropa	0.373	0.377	0.416	0.437	0.429	0.418	0.408	6.63#
46) T	Dibromomethane	0.267	0.223	0.242	0.260	0.252	0.248	0.249	6.20
47) T	Bromodichlorometh	0.506	0.504	0.513	0.566	0.549	0.543	0.530	4.90
48) T	Methyl methacryla	0.207	0.186	0.212	0.261	0.261	0.265	0.232	14.80
49) T	1,4-Dioxane	0.003	0.003	0.003	0.004	0.004	0.004	0.003	12.88
50) S	Toluene-d8		1.273	1.398	1.473	1.539	1.497	1.436	7.28
51) T	4-Methyl-2-Pentan	0.201	0.214	0.248	0.285	0.274	0.269	0.248	13.71
52) CM	Toluene	0.849	0.817	0.959	1.064	1.059	1.036	0.964	11.25#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.421	0.413	0.471	0.554	0.563	0.566	0.498	14.44
54) T	cis-1,3-Dichlorop	0.536	0.488	0.581	0.656	0.656	0.653	0.595	12.13
55) T	1,1,2-Trichloroet	0.322	0.324	0.340	0.369	0.359	0.354	0.345	5.61
56) T	Ethyl methacrylat	0.255	0.280	0.358	0.441	0.449	0.451	0.372	23.79
57) T	1,3-Dichloropropa	0.508	0.494	0.553	0.613	0.604	0.596	0.562	9.12
58) T	2-Chloroethyl Vin	0.102	0.093	0.160	0.203	0.209	0.209	0.163	33.09
59) T	2-Hexanone	0.141	0.147	0.151	0.185	0.180	0.176	0.164	11.68
60) T	Dibromochlorometh	0.362	0.361	0.395	0.443	0.438	0.435	0.406	9.42
61) T	1,2-Dibromoethane	0.270	0.300	0.325	0.369	0.364	0.361	0.331	12.22
62) S	4-Bromofluorobenz		0.361	0.415	0.475	0.521	0.512	0.457	14.87
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.575	0.425	0.462	0.482	0.454	0.450	0.475	11.02
65) PM	Chlorobenzene	1.292	1.115	1.195	1.293	1.263	1.262	1.237	5.63
66) T	1,1,1,2-Tetrachlo	0.487	0.438	0.462	0.489	0.466	0.468	0.468	4.01
67) C	Ethyl Benzene	1.777	1.633	1.939	2.188	2.143	2.145	1.971	11.56#
68) T	m/p-Xylenes	0.673	0.600	0.776	0.866	0.842	0.837	0.766	13.92
69) T	o-Xylene	0.616	0.587	0.722	0.834	0.813	0.807	0.730	14.64
70) T	Stvrene	0.821	0.851	1.132	1.330	1.311	1.308	1.126	20.94
71) P	Bromoform	0.283	0.279	0.303	0.338	0.330	0.330	0.310	8.29
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	5.023	3.940	4.189	4.177	4.010	3.963	4.217	9.70
74) T	N-amyl acetate	1.083	0.734	0.763	0.890	0.860	0.863	0.866	14.24
75) P	1,1,2,2-Tetrachlo	1.565	1.123	0.979	0.944	0.854	0.839	1.051	25.86
76) T	1,2,3-Trichloropr	0.998	0.808	0.842	0.749	0.624	0.667	0.782	17.18
77) T	Bromobenzene	1.608	1.104	1.070	1.087	1.048	1.037	1.159	19.10
78) T	n-propylbenzene	5.133	4.048	4.472	4.675	4.506	4.456	4.548	7.77
79) T	2-Chlorotoluene	3.731	2.721	2.805	2.804	2.666	2.620	2.891	14.46
80) T	1,3,5-Trimethylbe	3.694	3.058	3.416	3.476	3.326	3.259	3.371	6.36
81) T	trans-1,4-Dichlor	0.220	0.211	0.215	0.237	0.231	0.237	0.225	4.98
82) T	4-Chlorotoluene	3.194	2.451	2.727	2.780	2.684	2.667	2.750	8.90
83) T	tert-Butylbenzene	3.393	2.821	2.951	2.987	2.883	2.841	2.979	7.12
84) T	1,2,4-Trimethylbe	3.226	2.895	3.386	3.486	3.339	3.312	3.274	6.25
85) T	sec-Butylbenzene	4.089	3.474	3.766	3.902	3.754	3.714	3.783	5.41
86) T	p-Isopropyltoluen	2.888	2.715	3.261	3.441	3.381	3.347	3.172	9.40
87) T	1,3-Dichlorobenze	2.353	1.612	1.741	1.845	1.812	1.814	1.863	13.66
88) T	1,4-Dichlorobenze	2.489	1.576	1.648	1.789	1.762	1.778	1.840	17.86
89) T	n-Butylbenzene	1.787	1.720	2.167	2.609	2.648	2.688	2.270	19.50
90) T	Hexachloroethane	0.983	0.669	0.643	0.631	0.609	0.613	0.691	20.91
91) T	1,2-Dichlorobenze	2.395	1.581	1.712	1.782	1.706	1.701	1.813	16.14
92) T	1,2-Dibromo-3-Chl	0.173	0.132	0.115	0.126	0.120	0.124	0.132	15.86
93) T	1,2,4-Trichlorobe	1.243	0.372	0.525	0.757	0.864	0.930	0.782	39.43
94) T	Hexachlorobutadie	1.329	0.633	0.577	0.595	0.563	0.558	0.709	43.01
95) T	Naphthalene	2.524	0.681	0.871	1.345	1.604	1.764	1.465	45.39
96) T	1,2,3-Trichlorobe	1.337	0.402	0.568	0.754	0.800	0.864	0.787	40.38

(#) = Out of Range