

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N103018W.M
 Title : SW846 8260
 Last Update : Wed Oct 31 02:45:22 2018
 Response Via : Initial Calibration

Calibration Files

1 =VN052055.D 5 =VN052056.D 20 =VN052057.D
 50 =VN052058.D 100 =VN052059.D 150 =VN052060.D

	Compound	1	5	20	50	100	150	Avq	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.520	0.521	0.640	0.633	0.652	0.680	0.608	11.43
3) P	Chloromethane	0.676	0.798	0.834	0.771	0.773	0.743	0.766	6.98
4) C	Vinyl Chloride	0.761	0.881	0.918	0.840	0.787	0.759	0.824	8.00#
5) T	Bromomethane	0.707	0.719	0.622	0.585	0.549	0.529	0.618	12.91
6) T	Chloroethane	0.510	0.625	0.570	0.528	0.497	0.464	0.532	10.76
7) T	Trichlorofluorome	0.856	1.053	0.942	0.950	0.930	0.918	0.942	6.80
8) T	Diethyl Ether	0.330	0.385	0.359	0.342	0.345	0.346	0.351	5.47
9) T	1,1,2-Trichlorotr	0.471	0.647	0.564	0.559	0.544	0.549	0.555	10.10
10) T	Methyl Iodide		0.666	0.711	0.738	0.756	0.769	0.728	5.62
11) T	Tert butyl alcoho		0.044	0.044	0.036	0.038	0.039	0.040	8.85
12) CM	1,1-Dichloroethen	0.447	0.564	0.548	0.532	0.524	0.532	0.525	7.77#
13) T	Acrolein		0.017	0.040	0.038	0.043	0.043	0.036	30.00
14) T	Allyl chloride	0.918	1.196	1.040	1.088	1.071	0.985	1.050	9.03
15) T	Acrylonitrile	0.215	0.252	0.231	0.229	0.229	0.221	0.230	5.54
16) T	Acetone	0.188	0.183	0.175	0.163	0.161	0.158	0.171	7.34
17) T	Carbon Disulfide	1.532	1.657	1.643	1.654	1.701	1.729	1.653	4.09
18) T	Methyl Acetate	0.595	0.661	0.534	0.495	0.496	0.490	0.545	12.74
19) T	Methyl tert-butyl	1.554	1.873	1.742	1.720	1.746	1.703	1.723	5.93
20) T	Methylene Chlorid	0.548	0.747	0.660	0.659	0.652	0.649	0.653	9.68
21) T	trans-1,2-Dichlor	0.498	0.666	0.596	0.613	0.604	0.611	0.598	9.22
22) T	Diisopropyl ether	2.147	2.437	2.388	2.310	2.226	2.106	2.269	5.82
23) T	Vinyl Acetate	1.306	1.652	1.657	1.642	1.618	1.557	1.572	8.63
24) P	1,1-Dichloroethan	1.181	1.401	1.296	1.273	1.261	1.201	1.269	6.16
25) T	2-Butanone	0.226	0.304	0.291	0.269	0.266	0.255	0.269	10.15
26) T	2,2-Dichloropropa	0.966	1.012	1.016	1.037	1.017	0.998	1.008	2.37
27) T	cis-1,2-Dichloroe	0.646	0.759	0.730	0.731	0.721	0.699	0.714	5.39
28) T	Bromochloromethan	0.747	0.681	0.614	0.597	0.576	0.558	0.629	11.40
29) T	Tetrahydrofuran	0.157	0.196	0.187	0.182	0.178	0.173	0.179	7.37
30) C	Chloroform	1.222	1.329	1.275	1.282	1.266	1.223	1.266	3.19#
31) T	Cyclohexane	2.675	1.546	1.322	1.219	1.170	1.112	1.507	39.28
32) T	1,1,1-Trichloroet	0.853	1.020	1.055	1.051	1.077	1.056	1.018	8.18
33) S	1,2-Dichloroethan		0.919	0.820	0.787	0.762	0.724	0.802	9.24
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.336	0.309	0.300	0.306	0.313	0.313	4.38
36) T	1,1-Dichloroprope	0.485	0.537	0.516	0.508	0.505	0.500	0.508	3.41
37) T	Ethyl Acetate	0.380	0.380	0.336	0.309	0.318	0.319	0.340	9.36
38) T	Carbon Tetrachlor	0.373	0.414	0.441	0.452	0.472	0.480	0.438	9.09
39) T	Methylcyclohexane	0.556	0.608	0.613	0.629	0.608	0.607	0.603	4.06
40) TM	Benzene	1.313	1.573	1.527	1.496	1.465	1.450	1.471	6.04
41) T	Methacrylonitrile	0.040	0.132	0.160	0.187	0.181	0.173	0.145	38.03
42) TM	1,2-Dichloroethan	0.592	0.595	0.541	0.523	0.509	0.497	0.543	7.75
43) T	Isopropyl Acetate	0.534	0.658	0.620	0.612	0.598	0.610	0.605	6.70
44) TM	Trichloroethene	0.283	0.339	0.329	0.335	0.340	0.346	0.329	7.03
45) C	1,2-Dichloropropa	0.440	0.441	0.436	0.410	0.398	0.389	0.419	5.46#
46) T	Dibromomethane	0.191	0.250	0.238	0.243	0.241	0.242	0.234	9.15
47) T	Bromodichlorometh	0.393	0.505	0.498	0.512	0.510	0.512	0.488	9.63
48) T	Methyl methacryla	0.269	0.347	0.313	0.310	0.304	0.297	0.307	8.21
49) T	1,4-Dioxane	0.000	0.003	0.003	0.002	0.002	0.003	0.002	40.06
50) S	Toluene-d8		1.328	1.228	1.219	1.240	1.237	1.250	3.52
51) T	4-Methyl-2-Pentan	0.286	0.356	0.348	0.335	0.327	0.322	0.329	7.50
52) CM	Toluene	0.772	0.910	0.906	0.914	0.923	0.902	0.888	6.41#

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	Compound	1	5	20	50	100	150	Avq	%RSD
53) T	t-1,3-Dichloropro	0.434	0.508	0.512	0.535	0.552	0.556	0.516	8.69
54) T	cis-1,3-Dichlorop	0.447	0.568	0.595	0.604	0.615	0.611	0.573	11.20
55) T	1,1,2-Trichloroet	0.279	0.334	0.319	0.324	0.317	0.324	0.316	6.02
56) T	Ethyl methacrylat	0.417	0.442	0.447	0.465	0.470	0.471	0.452	4.64
57) T	1,3-Dichloropropa	0.522	0.637	0.595	0.588	0.577	0.572	0.582	6.39
58) T	2-Chloroethyl Vin	0.205	0.257	0.247	0.247	0.244	0.242	0.241	7.59
59) T	2-Hexanone	0.211	0.272	0.240	0.235	0.227	0.222	0.234	8.88
60) T	Dibromochlorometh	0.242	0.283	0.308	0.331	0.346	0.357	0.311	13.78
61) T	1,2-Dibromoethane	0.274	0.308	0.314	0.325	0.329	0.336	0.314	7.07
62) S	4-Bromofluorobenz		0.467	0.448	0.452	0.466	0.462	0.459	1.87
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.276	0.350	0.296	0.299	0.298	0.299	0.303	8.19
65) PM	Chlorobenzene	0.983	1.102	1.067	1.067	1.068	1.031	1.053	3.90
66) T	1,1,1,2-Tetrachlo	0.273	0.314	0.345	0.353	0.355	0.345	0.331	9.67
67) C	Ethyl Benzene	1.629	1.969	1.934	1.963	1.922	1.851	1.878	6.88#
68) T	m/p-Xylenes	0.523	0.688	0.697	0.724	0.713	0.688	0.672	11.08
69) T	o-Xylene	0.499	0.719	0.691	0.717	0.695	0.670	0.665	12.53
70) T	Stvrene	0.835	1.093	1.101	1.170	1.147	1.112	1.076	11.30
71) P	Bromoform	0.130	0.167	0.182	0.203	0.218	0.220	0.187	18.49
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.574	4.704	4.544	4.305	4.224	4.304	4.276	9.07
74) T	N-amyl acetate	1.577	1.589	1.519	1.418	1.411	1.439	1.492	5.38
75) P	1,1,2,2-Tetrachlo	0.997	1.148	1.074	0.989	0.975	0.968	1.025	6.96
76) T	1,2,3-Trichloropr	0.755	0.973	0.997	0.933	0.832	1.001	0.915	10.95
77) T	Bromobenzene	0.811	0.935	0.944	0.897	0.878	0.902	0.895	5.33
78) T	n-propylbenzene	4.685	5.566	5.391	5.218	5.098	5.127	5.181	5.78
79) T	2-Chlorotoluene	2.529	3.458	3.194	3.033	2.944	2.964	3.020	10.18
80) T	1,3,5-Trimethylbe	3.011	3.760	3.634	3.536	3.448	3.487	3.479	7.34
81) T	trans-1,4-Dichlor	0.232	0.228	0.268	0.287	0.316	0.324	0.276	14.80
82) T	4-Chlorotoluene	2.486	3.342	3.312	3.142	3.073	3.125	3.080	10.07
83) T	tert-Butylbenzene	2.596	3.123	3.065	2.976	2.858	2.919	2.923	6.38
84) T	1,2,4-Trimethylbe	2.816	3.754	3.694	3.585	3.414	3.516	3.463	9.81
85) T	sec-Butylbenzene	3.605	4.440	4.391	4.277	4.129	4.210	4.175	7.23
86) T	p-Isopropyltoluen	2.847	3.506	3.597	3.546	3.389	3.517	3.400	8.22
87) T	1,3-Dichlorobenze	1.488	1.758	1.685	1.635	1.591	1.632	1.631	5.56
88) T	1,4-Dichlorobenze	1.545	1.764	1.626	1.633	1.593	1.649	1.635	4.47
89) T	n-Butylbenzene	2.855	3.415	3.311	3.322	3.227	3.329	3.243	6.15
90) T	Hexachloroethane	0.513	0.561	0.573	0.601	0.601	0.646	0.583	7.72
91) T	1,2-Dichlorobenze	1.291	1.712	1.592	1.571	1.497	1.539	1.534	9.07
92) T	1,2-Dibromo-3-Chl	0.037	0.134	0.152	0.144	0.146	0.151	0.127	35.01
93) T	1,2,4-Trichlorobe	0.449	0.539	0.591	0.584	0.603	0.661	0.571	12.50
94) T	Hexachlorobutadie	0.301	0.392	0.311	0.304	0.304	0.306	0.320	11.09
95) T	Naphthalene	1.225	1.283	1.385	1.515	1.527	1.662	1.433	11.52
96) T	1,2,3-Trichlorobe	0.436	0.465	0.491	0.503	0.506	0.557	0.493	8.33

(#) = Out of Range