

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N050819W.M
 Title : SW846 8260
 Last Update : Thu May 09 04:17:44 2019
 Response Via : Initial Calibration

Calibration Files

1 =VN055477.D 5 =VN055478.D 10 =VN055479.D
 20 =VN055480.D 50 =VN055481.D 100 =VN055482.D

	Compound	1	5	10	20	50	100	Avq	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.557	0.535	0.503	0.511	0.474	0.474	0.509	6.52
3) P	Chloromethane	0.892	0.855	0.840	0.838	0.770	0.768	0.827	5.94
4) C	Vinyl Chloride	0.826	0.798	0.788	0.802	0.734	0.737	0.781	4.79#
5) T	Bromomethane		0.444	0.450	0.439	0.404	0.400	0.428	5.55
6) T	Chloroethane	0.492	0.457	0.460	0.474	0.423	0.423	0.455	6.04
7) T	Trichlorofluorome	0.901	0.861	0.866	0.883	0.816	0.811	0.856	4.20
8) T	Diethyl Ether	0.392	0.397	0.393	0.393	0.366	0.366	0.385	3.69
9) T	1,1,2-Trichlorotr	0.587	0.562	0.542	0.552	0.514	0.512	0.545	5.24
10) T	Methyl Iodide		0.664	0.717	0.785	0.752	0.765	0.736	6.46
11) T	Tert butyl alcoho		0.102	0.110	0.116	0.113	0.116	0.111	5.22
12) CM	1,1-Dichloroethen	0.560	0.551	0.553	0.560	0.526	0.529	0.546	2.79#
13) T	Acrolein		0.083	0.065	0.075	0.073	0.075	0.074	8.73
14) T	Allyl chloride	1.167	1.066	1.114	1.141	1.106	1.123	1.119	3.05
15) T	Acrylonitrile	0.316	0.330	0.353	0.371	0.348	0.347	0.344	5.50
16) T	Acetone	0.357	0.345	0.372	0.366	0.335	0.316	0.349	6.03
17) T	Carbon Disulfide	1.576	1.433	1.446	1.503	1.459	1.531	1.491	3.72
18) T	Methyl Acetate	1.332	0.817	0.785	0.779	0.740	0.721	0.862	26.99
19) T	Methyl tert-butyl	1.758	1.795	1.847	1.877	1.797	1.821	1.816	2.34
20) T	Methylene Chlorid	0.832	0.739	0.697	0.710	0.652	0.646	0.713	9.61
21) T	trans-1,2-Dichlor	0.605	0.589	0.599	0.609	0.572	0.580	0.592	2.45
22) T	Diisopropyl ether	2.073	2.240	2.344	2.393	2.301	2.297	2.275	4.90
23) T	Vinyl Acetate	1.516	1.634	1.762	1.879	1.851	1.914	1.759	8.87
24) P	1,1-Dichloroethan	1.273	1.209	1.261	1.255	1.181	1.189	1.228	3.27
25) T	2-Butanone	0.413	0.459	0.498	0.524	0.500	0.496	0.482	8.25
26) T	2,2-Dichloropropa	0.759	0.736	0.775	0.792	0.762	0.768	0.766	2.43
27) T	cis-1,2-Dichloroe	0.693	0.655	0.701	0.707	0.679	0.672	0.685	2.83
28) T	Bromochloromethan	0.664	0.598	0.603	0.694	0.637	0.630	0.638	5.72
29) T	Tetrahydrofuran	0.296	0.311	0.325	0.336	0.320	0.322	0.318	4.27
30) C	Chloroform	1.152	1.129	1.167	1.168	1.101	1.095	1.135	2.82#
31) T	Cyclohexane		1.346	1.229	1.230	1.130	1.140	1.215	7.19
32) T	1,1,1-Trichloroet	0.874	0.833	0.877	0.890	0.853	0.860	0.864	2.35
33) S	1,2-Dichloroethan		0.733	0.747	0.812	0.740	0.732	0.753	4.47
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.304	0.324	0.343	0.324	0.319	0.323	4.36
36) T	1,1-Dichloroprope	0.484	0.482	0.496	0.498	0.501	0.495	0.493	1.59
37) T	Ethyl Acetate	0.442	0.520	0.584	0.574	0.556	0.549	0.537	9.59
38) T	Carbon Tetrachlor	0.479	0.401	0.392	0.408	0.402	0.407	0.415	7.74
39) T	Methylcyclohexane	0.636	0.595	0.592	0.596	0.593	0.591	0.601	2.88
40) TM	Benzene	1.506	1.486	1.555	1.570	1.549	1.505	1.529	2.20
41) T	Methacrylonitrile	0.254	0.199	0.250	0.264	0.275	0.255	0.249	10.55
42) TM	1,2-Dichloroethan	0.576	0.532	0.545	0.539	0.522	0.509	0.537	4.31
43) T	Isopropyl Acetate	0.740	0.756	0.809	0.849	0.873	0.872	0.816	7.16
44) TM	Trichloroethene	0.382	0.359	0.375	0.360	0.359	0.347	0.364	3.47
45) C	1,2-Dichloropropa	0.452	0.433	0.440	0.442	0.432	0.426	0.437	2.15#
46) T	Dibromomethane	0.255	0.249	0.263	0.258	0.252	0.245	0.254	2.46
47) T	Bromodichlorometh	0.500	0.454	0.485	0.490	0.489	0.491	0.485	3.29
48) T	Methyl methacryla	0.361	0.358	0.397	0.400	0.417	0.427	0.393	7.23
49) T	1,4-Dioxane	0.007	0.007	0.008	0.008	0.008	0.008	0.008	6.77
50) S	Toluene-d8		1.145	1.248	1.343	1.286	1.261	1.257	5.74
51) T	4-Methyl-2-Pentan	0.489	0.505	0.539	0.556	0.567	0.565	0.537	6.08
52) CM	Toluene	0.824	0.854	0.861	0.916	0.901	0.888	0.874	3.88#

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	Compound	1	5	10	20	50	100	Avq	%RSD
53) T	t-1,3-Dichloropro	0.443	0.403	0.440	0.475	0.504	0.530	0.466	9.97
54) T	cis-1,3-Dichlorop	0.499	0.509	0.548	0.571	0.600	0.613	0.557	8.42
55) T	1,1,2-Trichloroet	0.343	0.351	0.360	0.366	0.355	0.350	0.354	2.35
56) T	Ethyl methacrylat	0.476	0.488	0.520	0.533	0.558	0.585	0.527	7.85
57) T	1,3-Dichloropropa	0.606	0.601	0.647	0.647	0.640	0.631	0.629	3.25
58) T	2-Chloroethyl Vin	0.124	0.131	0.133	0.143	0.169	0.185	0.148	16.30
59) T	2-Hexanone	0.329	0.360	0.384	0.394	0.397	0.397	0.377	7.28
60) T	Dibromochlorometh	0.305	0.288	0.316	0.334	0.343	0.347	0.322	7.14
61) T	1,2-Dibromoethane	0.324	0.320	0.342	0.349	0.354	0.351	0.340	4.27
62) S	4-Bromofluorobenz		0.380	0.401	0.443	0.443	0.452	0.424	7.41
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.460	0.409	0.423	0.411	0.392	0.363	0.410	7.87
65) PM	Chlorobenzene	1.050	0.994	1.060	1.038	1.033	0.996	1.029	2.67
66) T	1,1,1,2-Tetrachlo	0.348	0.343	0.357	0.364	0.359	0.354	0.354	2.10
67) C	Ethyl Benzene	1.905	1.914	1.941	1.962	1.956	1.915	1.932	1.25#
68) T	m/p-Xylenes	0.658	0.680	0.705	0.712	0.710	0.695	0.693	3.00
69) T	o-Xylene	0.657	0.667	0.693	0.697	0.698	0.677	0.681	2.53
70) T	Styrene	0.933	1.002	1.119	1.150	1.181	1.166	1.092	9.24
71) P	Bromoform	0.219	0.202	0.238	0.249	0.258	0.267	0.239	10.31
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	6.132	5.085	5.110	4.842	4.294	3.962	4.904	15.38
74) T	N-amyl acetate	1.974	1.832	1.902	1.959	1.900	1.824	1.898	3.29
75) P	1,1,2,2-Tetrachlo	2.019	1.728	1.636	1.546	1.399	1.289	1.603	16.10
76) T	1,2,3-Trichloropr	1.402	1.537	1.505	1.335	1.282	1.107	1.361	11.61
77) T	Bromobenzene	1.397	1.111	1.143	1.054	0.988	0.920	1.102	15.04
78) T	n-propylbenzene	6.120	5.487	5.523	5.403	4.991	4.653	5.363	9.36
79) T	2-Chlorotoluene	3.920	3.527	3.477	3.335	3.044	2.751	3.342	12.15
80) T	1,3,5-Trimethylbe	4.507	4.241	4.089	3.986	3.725	3.446	3.999	9.39
81) T	trans-1,4-Dichlor		0.371	0.372	0.374	0.361	0.367	0.369	1.37
82) T	4-Chlorotoluene	3.545	3.261	3.215	3.144	2.964	2.819	3.158	7.97
83) T	tert-Butylbenzene	3.936	3.716	3.550	3.427	3.112	2.825	3.428	11.81
84) T	1,2,4-Trimethylbe	3.841	3.639	3.779	3.773	3.577	3.395	3.667	4.52
85) T	sec-Butylbenzene	5.250	4.739	4.696	4.560	4.195	3.893	4.555	10.32
86) T	p-Isopropyltoluen	3.895	3.784	3.794	3.765	3.594	3.411	3.707	4.71
87) T	1,3-Dichlorobenze	1.794	1.634	1.746	1.738	1.685	1.620	1.703	4.02
88) T	1,4-Dichlorobenze	1.902	1.622	1.656	1.682	1.627	1.592	1.680	6.72
89) T	n-Butylbenzene	2.880	2.672	2.778	2.897	3.000	3.014	2.874	4.57
90) T	Hexachloroethane	0.694	0.617	0.614	0.598	0.560	0.546	0.605	8.68
91) T	1,2-Dichlorobenze	1.881	1.648	1.703	1.743	1.666	1.570	1.702	6.17
92) T	1,2-Dibromo-3-Chl	0.251	0.207	0.227	0.234	0.231	0.229	0.230	6.16
93) T	1,2,4-Trichlorobe	0.474	0.473	0.494	0.574	0.691	0.782	0.581	22.21
94) T	Hexachlorobutadie	0.849	0.628	0.606	0.583	0.521	0.486	0.612	20.88
95) T	Naphthalene	1.759	1.342	1.457	1.617	1.977	2.187	1.723	18.51
96) T	1,2,3-Trichlorobe	0.730	0.516	0.600	0.662	0.775	0.833	0.686	17.05

(#) = Out of Range