

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\
 Method File : 82N080719W.M
 Title : SW846 8260
 Last Update : Thu Aug 08 06:49:25 2019
 Response Via : Initial Calibration

Calibration Files

1 =VN057112.D 5 =VN057113.D 20 =VN057114.D
 50 =VN057115.D 100 =VN057116.D 150 =VN057117.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.442	0.449	0.395	0.368	0.380	0.377	0.402	8.65
3) P	Chloromethane	0.636	0.573	0.513	0.478	0.500	0.504	0.534	11.10
4) C	Vinyl Chloride	0.511	0.527	0.495	0.463	0.486	0.494	0.496	4.40#
5) T	Bromomethane		0.385	0.346	0.315	0.318	0.322	0.337	8.72
6) T	Chloroethane	0.354	0.329	0.319	0.302	0.313	0.293	0.318	6.78
7) T	Trichlorofluorome	0.723	0.763	0.717	0.677	0.699	0.702	0.713	4.06
8) T	Diethyl Ether	0.287	0.279	0.277	0.261	0.272	0.278	0.276	3.08
9) T	1,1,2-Trichlorotr	0.470	0.458	0.428	0.405	0.417	0.417	0.432	5.94
10) T	Methyl Iodide		0.605	0.644	0.645	0.687	0.687	0.654	5.32
11) T	Tert butyl alcoho		0.088	0.068	0.068	0.070	0.073	0.073	11.39
12) CM	1,1-Dichloroethen	0.428	0.439	0.421	0.405	0.424	0.435	0.425	2.86#
13) T	Acrolein		0.054	0.045	0.042	0.047	0.044	0.046	9.82
14) T	Allyl chloride	0.612	0.626	0.612	0.593	0.628	0.639	0.618	2.65
15) T	Acrylonitrile	0.170	0.202	0.205	0.197	0.207	0.207	0.198	7.15
16) T	Acetone	0.162	0.161	0.156	0.148	0.152	0.152	0.155	3.50
17) T	Carbon Disulfide	1.191	1.065	1.093	1.084	1.158	1.201	1.132	5.18
18) T	Methyl Acetate	1.228	0.571	0.476	0.444	0.455	0.463	0.606	50.83
19) T	Methyl tert-butyl	1.241	1.284	1.313	1.238	1.300	1.331	1.284	2.98
20) T	Methylene Chlorid	0.597	0.514	0.508	0.473	0.489	0.494	0.513	8.56
21) T	trans-1,2-Dichlor	0.487	0.478	0.461	0.438	0.454	0.462	0.463	3.75
22) T	Diisopropyl ether	1.362	1.389	1.392	1.287	1.323	1.340	1.349	3.01
23) T	Vinyl Acetate	0.932	1.012	1.058	1.025	1.076	1.095	1.033	5.66
24) P	1,1-Dichloroethan	0.865	0.863	0.837	0.788	0.806	0.814	0.829	3.82
25) T	2-Butanone	0.200	0.239	0.247	0.238	0.248	0.252	0.237	8.09
26) T	2,2-Dichloropropa	0.583	0.602	0.616	0.587	0.616	0.615	0.603	2.48
27) T	cis-1,2-Dichloroe	0.509	0.556	0.542	0.512	0.530	0.537	0.531	3.40
28) T	Bromochloromethan	0.371	0.392	0.415	0.367	0.377	0.366	0.381	4.96
29) T	Tetrahydrofuran	0.151	0.161	0.166	0.156	0.161	0.165	0.160	3.49
30) C	Chloroform	0.989	0.863	0.849	0.796	0.819	0.833	0.858	7.93#
31) T	Cyclohexane		0.875	0.742	0.687	0.714	0.711	0.746	10.06
32) T	1,1,1-Trichloroet	0.719	0.722	0.722	0.692	0.724	0.740	0.720	2.14
33) S	1,2-Dichloroethan		0.517	0.542	0.505	0.504	0.503	0.514	3.24
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.309	0.333	0.312	0.310	0.306	0.314	3.40
36) T	1,1-Dichloroprope	0.368	0.420	0.424	0.403	0.431	0.424	0.412	5.68
37) T	Ethyl Acetate	0.225	0.365	0.351	0.329	0.343	0.338	0.325	15.61
38) T	Carbon Tetrachlor	0.446	0.413	0.429	0.412	0.440	0.433	0.429	3.29
39) T	Methylcyclohexane	0.497	0.511	0.495	0.478	0.519	0.504	0.501	2.87
40) TM	Benzene	1.297	1.358	1.324	1.247	1.307	1.285	1.303	2.88
41) T	Methacrylonitrile	0.157	0.145	0.177	0.175	0.190	0.191	0.172	10.62
42) TM	1,2-Dichloroethan	0.433	0.427	0.419	0.398	0.415	0.402	0.416	3.25
43) T	Isopropyl Acetate	0.558	0.582	0.587	0.557	0.595	0.595	0.579	2.96
44) TM	Trichloroethene	0.370	0.369	0.371	0.348	0.369	0.364	0.365	2.38
45) C	1,2-Dichloropropa	0.335	0.347	0.343	0.322	0.340	0.337	0.337	2.52#
46) T	Dibromomethane	0.217	0.215	0.219	0.209	0.222	0.216	0.216	1.95
47) T	Bromodichlorometh	0.379	0.404	0.426	0.416	0.446	0.440	0.419	5.87
48) T	Methyl methacryla	0.272	0.270	0.270	0.263	0.284	0.280	0.273	2.85
49) T	1,4-Dioxane	0.005	0.005	0.006	0.006	0.006	0.006	0.006	5.28
50) S	Toluene-d8		1.157	1.253	1.195	1.220	1.176	1.200	3.14
51) T	4-Methyl-2-Pentan	0.301	0.328	0.349	0.332	0.358	0.355	0.337	6.34
52) CM	Toluene	0.776	0.803	0.835	0.784	0.836	0.819	0.809	3.16#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.370	0.398	0.443	0.438	0.488	0.487	0.437	10.79
54) T	cis-1,3-Dichlorop	0.437	0.476	0.515	0.500	0.542	0.541	0.502	8.06
55) T	1,1,2-Trichloroet	0.323	0.324	0.322	0.303	0.321	0.316	0.318	2.55
56) T	Ethyl methacrylat	0.387	0.401	0.451	0.444	0.490	0.499	0.445	10.17
57) T	1,3-Dichloropropa	0.502	0.543	0.540	0.502	0.533	0.527	0.525	3.46
58) T	2-Chloroethyl Vin	0.116	0.133	0.155	0.165	0.181	0.186	0.156	17.64
59) T	2-Hexanone	0.186	0.217	0.234	0.229	0.251	0.252	0.228	10.86
60) T	Dibromochlorometh	0.280	0.308	0.338	0.335	0.372	0.371	0.334	10.77
61) T	1,2-Dibromoethane	0.325	0.310	0.336	0.317	0.343	0.339	0.328	4.00
62) S	4-Bromofluorobenz		0.311	0.378	0.393	0.424	0.428	0.387	12.22
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.453	0.447	0.434	0.397	0.390	0.374	0.416	7.94
65) PM	Chlorobenzene	1.056	0.994	1.012	0.967	1.010	0.998	1.006	2.91
66) T	1,1,1,2-Tetrachlo	0.372	0.379	0.385	0.365	0.379	0.377	0.376	1.84
67) C	Ethyl Benzene	1.665	1.733	1.763	1.690	1.785	1.752	1.731	2.63#
68) T	m/p-Xylenes	0.588	0.618	0.650	0.637	0.669	0.666	0.638	4.86
69) T	o-Xylene	0.617	0.626	0.648	0.616	0.653	0.649	0.635	2.65
70) T	Styrene	0.825	0.874	0.997	1.019	1.104	1.131	0.992	12.31
71) P	Bromoform	0.236	0.244	0.281	0.277	0.305	0.309	0.276	10.96
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	6.032	5.796	4.855	4.075	4.009	3.902	4.778	19.79
74) T	N-amyl acetate	1.200	1.488	1.302	1.188	1.218	1.205	1.267	9.14
75) P	1,1,2,2-Tetrachlo	1.891	1.728	1.393	1.123	1.064	1.014	1.369	26.96
76) T	1,2,3-Trichloropr	1.005	1.523	1.179	0.984	0.958	0.929	1.096	20.67
77) T	Bromobenzene	1.433	1.404	1.214	1.056	1.061	1.043	1.202	14.92
78) T	n-propylbenzene	5.205	5.519	4.868	4.356	4.430	4.402	4.797	10.11
79) T	2-Chlorotoluene	3.934	3.552	3.114	2.643	2.625	2.600	3.078	18.27
80) T	1,3,5-Trimethylbe	4.295	4.715	4.025	3.410	3.375	3.341	3.860	14.90
81) T	trans-1,4-Dichlor		0.362	0.334	0.319	0.346	0.340	0.340	4.65
82) T	4-Chlorotoluene	3.161	3.075	2.757	2.510	2.579	2.583	2.777	9.99
83) T	tert-Butylbenzene	4.555	4.391	3.521	2.972	3.012	2.947	3.566	20.63
84) T	1,2,4-Trimethylbe	4.304	4.403	3.876	3.278	3.296	3.229	3.731	14.41
85) T	sec-Butylbenzene	4.963	5.243	4.434	3.815	3.863	3.819	4.356	14.47
86) T	p-Isopropyltoluen	4.358	4.357	3.856	3.398	3.492	3.473	3.822	11.61
87) T	1,3-Dichlorobenze	1.854	1.747	1.738	1.609	1.664	1.654	1.711	5.11
88) T	1,4-Dichlorobenze	1.804	1.626	1.572	1.531	1.590	1.604	1.621	5.88
89) T	n-Butylbenzene	2.404	2.818	2.709	2.508	2.712	2.695	2.641	5.81
90) T	Hexachloroethane	0.888	0.769	0.658	0.586	0.607	0.599	0.685	17.58
91) T	1,2-Dichlorobenze	2.072	1.745	1.753	1.578	1.551	1.552	1.709	11.76
92) T	1,2-Dibromo-3-Chl	0.216	0.155	0.181	0.159	0.170	0.173	0.176	12.36
93) T	1,2,4-Trichlorobe	0.575	0.346	0.503	0.595	0.731	0.823	0.596	28.25
94) T	Hexachlorobutadie	1.036	0.890	0.723	0.624	0.584	0.558	0.736	25.89
95) T	Naphthalene	0.965	0.828	1.029	1.317	1.836	2.017	1.332	36.84
96) T	1,2,3-Trichlorobe	0.769	0.423	0.538	0.593	0.767	0.845	0.656	24.86

(#) = Out of Range