

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N051419W.M
 Title : SW846 8260
 Last Update : Wed May 15 07:28:47 2019
 Response Via : Initial Calibration

Calibration Files

1 =VN055585.D 5 =VN055586.D 10 =VN055587.D
 20 =VN055588.D 50 =VN055589.D 100 =VN055590.D

	Compound	1	5	10	20	50	100	Avq	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.565	0.542	0.506	0.509	0.483	0.456	0.510	7.71
3) P	Chloromethane	0.906	0.830	0.794	0.788	0.735	0.710	0.794	8.79
4) C	Vinyl Chloride	0.856	0.803	0.766	0.780	0.735	0.701	0.774	6.97#
5) T	Bromomethane		0.515	0.464	0.452	0.424	0.405	0.452	9.28
6) T	Chloroethane	0.493	0.498	0.477	0.471	0.449	0.426	0.469	5.84
7) T	Trichlorofluorome	0.924	0.917	0.865	0.864	0.823	0.782	0.862	6.31
8) T	Diethyl Ether	0.431	0.387	0.376	0.395	0.369	0.352	0.385	7.03
9) T	1,1,2-Trichlorotr	0.607	0.566	0.539	0.536	0.521	0.489	0.543	7.38
10) T	Methyl Iodide		0.601	0.669	0.714	0.739	0.738	0.692	8.42
11) T	Tert butyl alcoho		0.086	0.091	0.091	0.091	0.090	0.090	2.58
12) CM	1,1-Dichloroethen	0.561	0.557	0.546	0.550	0.532	0.515	0.544	3.22#
13) T	Acrolein		0.102	0.088	0.087	0.087	0.085	0.090	7.81
14) T	Allyl chloride	1.133	1.027	1.046	1.034	1.032	1.012	1.047	4.14
15) T	Acrylonitrile	0.298	0.307	0.298	0.311	0.303	0.290	0.301	2.46
16) T	Acetone	0.323	0.299	0.357	0.345	0.309	0.283	0.319	8.74
17) T	Carbon Disulfide	1.747	1.517	1.505	1.544	1.529	1.505	1.558	6.02
18) T	Methyl Acetate	0.902	0.720	0.654	0.666	0.614	0.585	0.690	16.50
19) T	Methyl tert-butyl	1.696	1.708	1.707	1.732	1.693	1.645	1.697	1.70
20) T	Methylene Chlorid	0.752	0.695	0.669	0.672	0.631	0.616	0.672	7.24
21) T	trans-1,2-Dichlor	0.597	0.603	0.597	0.608	0.584	0.557	0.591	3.12
22) T	Diisopropyl ether	1.996	2.118	2.135	2.191	2.131	2.049	2.104	3.31
23) T	Vinyl Acetate	1.432	1.515	1.543	1.643	1.669	1.655	1.576	6.02
24) P	1,1-Dichloroethan	1.221	1.168	1.185	1.188	1.148	1.100	1.168	3.54
25) T	2-Butanone	0.408	0.400	0.430	0.443	0.423	0.408	0.419	3.87
26) T	2,2-Dichloropropa	0.797	0.757	0.755	0.768	0.736	0.715	0.755	3.69
27) T	cis-1,2-Dichloroe	0.738	0.685	0.676	0.695	0.671	0.642	0.685	4.63
28) T	Bromochloromethan	0.590	0.551	0.595	0.565	0.563	0.540	0.567	3.78
29) T	Tetrahydrofuran	0.285	0.267	0.265	0.283	0.271	0.258	0.271	3.89
30) C	Chloroform	1.127	1.123	1.109	1.118	1.062	1.022	1.093	3.84#
31) T	Cyclohexane		1.299	1.186	1.160	1.107	1.062	1.163	7.74
32) T	1,1,1-Trichloroet	0.841	0.867	0.844	0.872	0.841	0.814	0.847	2.47
33) S	1,2-Dichloroethan		0.661	0.728	0.737	0.711	0.675	0.702	4.72
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.303	0.347	0.335	0.326	0.319	0.326	5.14
36) T	1,1-Dichloroprope	0.566	0.477	0.482	0.491	0.485	0.481	0.497	6.86
37) T	Ethyl Acetate	0.469	0.455	0.449	0.483	0.476	0.462	0.466	2.80
38) T	Carbon Tetrachlor	0.444	0.406	0.418	0.403	0.403	0.403	0.413	3.93
39) T	Methylcyclohexane	0.647	0.569	0.583	0.573	0.572	0.569	0.585	5.24
40) TM	Benzene	1.592	1.501	1.516	1.539	1.490	1.471	1.518	2.82
41) T	Methacrylonitrile	0.165	0.201	0.216	0.238	0.234	0.219	0.212	12.55
42) TM	1,2-Dichloroethan	0.556	0.492	0.520	0.501	0.490	0.478	0.506	5.56
43) T	Isopropyl Acetate	0.755	0.685	0.720	0.733	0.738	0.752	0.730	3.52
44) TM	Trichloroethene	0.381	0.357	0.369	0.372	0.360	0.352	0.365	2.94
45) C	1,2-Dichloropropa	0.423	0.424	0.425	0.426	0.409	0.404	0.418	2.19#
46) T	Dibromomethane	0.272	0.238	0.248	0.250	0.238	0.236	0.247	5.50
47) T	Bromodichlorometh	0.495	0.447	0.465	0.471	0.474	0.474	0.471	3.26
48) T	Methyl methacryla	0.381	0.335	0.340	0.360	0.358	0.367	0.357	4.85
49) T	1,4-Dioxane	0.006	0.006	0.007	0.007	0.007	0.007	0.007	3.20
50) S	Toluene-d8		1.099	1.286	1.284	1.284	1.270	1.245	6.56
51) T	4-Methyl-2-Pentan	0.467	0.445	0.448	0.463	0.462	0.468	0.459	2.17
52) CM	Toluene	0.898	0.824	0.876	0.875	0.873	0.873	0.870	2.83#

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	Compound	1	5	10	20	50	100	Avg	%RSD
53) T	t-1,3-Dichloropro	0.446	0.396	0.430	0.452	0.477	0.509	0.452	8.54
54) T	cis-1,3-Dichlorop	0.509	0.494	0.532	0.550	0.578	0.591	0.542	7.00
55) T	1,1,2-Trichloroet	0.382	0.337	0.346	0.343	0.340	0.338	0.348	4.87
56) T	Ethyl methacrylat	0.448	0.451	0.478	0.492	0.503	0.536	0.485	6.89
57) T	1,3-Dichloropropa	0.620	0.577	0.601	0.610	0.600	0.600	0.601	2.36
58) T	2-Chloroethyl Vin	0.105	0.104	0.109	0.131	0.139	0.157	0.124	17.39
59) T	2-Hexanone	0.317	0.298	0.315	0.325	0.320	0.325	0.317	3.14
60) T	Dibromochlorometh	0.303	0.294	0.312	0.322	0.330	0.338	0.316	5.18
61) T	1,2-Dibromoethane	0.324	0.313	0.324	0.338	0.333	0.340	0.329	3.10
62) S	4-Bromofluorobenz		0.341	0.391	0.404	0.422	0.435	0.399	9.11
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.417	0.398	0.414	0.419	0.387	0.362	0.399	5.52
65) PM	Chlorobenzene	1.093	1.017	1.039	1.046	1.021	1.010	1.038	2.94
66) T	1,1,1,2-Tetrachlo	0.353	0.346	0.359	0.360	0.361	0.355	0.356	1.65
67) C	Ethyl Benzene	1.857	1.800	1.876	1.885	1.873	1.875	1.861	1.67#
68) T	m/p-Xylenes	0.686	0.645	0.678	0.691	0.692	0.688	0.680	2.60
69) T	o-Xylene	0.656	0.637	0.660	0.677	0.675	0.667	0.662	2.22
70) T	Stvrene	0.924	0.965	1.049	1.099	1.127	1.151	1.053	8.67
71) P	Bromoform	0.210	0.209	0.229	0.236	0.249	0.259	0.232	8.79
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	5.886	5.195	5.238	4.808	4.186	4.006	4.886	14.44
74) T	N-amyl acetate	2.093	1.669	1.648	1.674	1.628	1.635	1.724	10.52
75) P	1,1,2,2-Tetrachlo	2.108	1.703	1.646	1.478	1.285	1.223	1.574	20.56
76) T	1,2,3-Trichloropr	1.282	1.360	1.434	1.202	1.056	1.089	1.237	12.09
77) T	Bromobenzene	1.429	1.198	1.177	1.094	0.985	0.951	1.139	15.21
78) T	n-propylbenzene	5.811	5.297	5.457	5.246	4.813	4.636	5.210	8.22
79) T	2-Chlorotoluene	4.063	3.508	3.411	3.232	2.903	2.768	3.314	14.03
80) T	1,3,5-Trimethylbe	4.175	4.076	4.048	3.898	3.558	3.420	3.862	7.92
81) T	trans-1,4-Dichlor		0.362	0.364	0.355	0.322	0.335	0.348	5.27
82) T	4-Chlorotoluene	3.348	3.214	3.175	3.097	2.845	2.791	3.078	7.09
83) T	tert-Butylbenzene	3.904	3.584	3.557	3.335	2.945	2.792	3.353	12.52
84) T	1,2,4-Trimethylbe	3.799	3.479	3.730	3.600	3.416	3.377	3.567	4.83
85) T	sec-Butylbenzene	4.785	4.497	4.584	4.329	3.936	3.776	4.318	9.03
86) T	p-Isopropyltoluen	3.703	3.391	3.624	3.577	3.381	3.330	3.501	4.38
87) T	1,3-Dichlorobenze	1.883	1.743	1.752	1.714	1.643	1.647	1.730	5.09
88) T	1,4-Dichlorobenze	2.067	1.634	1.642	1.669	1.598	1.605	1.703	10.60
89) T	n-Butylbenzene	2.641	2.319	2.450	2.581	2.666	2.843	2.583	7.03
90) T	Hexachloroethane	0.798	0.635	0.625	0.584	0.530	0.537	0.618	15.91
91) T	1,2-Dichlorobenze	2.016	1.677	1.735	1.710	1.637	1.601	1.729	8.60
92) T	1,2-Dibromo-3-Chl	0.255	0.206	0.198	0.193	0.200	0.201	0.209	11.10
93) T	1,2,4-Trichlorobe	0.753	0.447	0.450	0.530	0.647	0.747	0.596	23.46
94) T	Hexachlorobutadie	0.811	0.583	0.571	0.536	0.495	0.460	0.576	21.50
95) T	Naphthalene	2.356	1.344	1.336	1.455	1.700	1.985	1.696	24.04
96) T	1,2,3-Trichlorobe	0.953	0.502	0.522	0.600	0.697	0.784	0.676	25.48

(#) = Out of Range