

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N121218W.M
 Title : SW846 8260
 Last Update : Thu Dec 13 01:08:35 2018
 Response Via : Initial Calibration

Calibration Files

1 =VN052824.D 5 =VN052825.D 20 =VN052826.D
 50 =VN052827.D 100 =VN052828.D 150 =VN052829.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.438	0.561	0.533	0.514	0.524	0.517	0.515	7.99
3) P	Chloromethane	0.537	0.677	0.630	0.613	0.624	0.626	0.618	7.36
4) C	Vinyl Chloride	0.517	0.683	0.637	0.620	0.629	0.623	0.618	8.85#
5) T	Bromomethane	0.378	0.418	0.374	0.362	0.375	0.380	0.381	5.03
6) T	Chloroethane	0.324	0.409	0.372	0.360	0.364	0.363	0.365	7.42
7) T	Trichlorofluorome	0.660	0.842	0.782	0.765	0.779	0.770	0.766	7.73
8) T	Diethyl Ether	0.204	0.311	0.289	0.285	0.292	0.297	0.279	13.68
9) T	1,1,2-Trichlorotr	0.405	0.530	0.486	0.471	0.480	0.476	0.475	8.44
10) T	Methyl Iodide		0.574	0.639	0.678	0.699	0.735	0.665	9.28
11) T	Tert butyl alcoho		0.031	0.028	0.028	0.031	0.030	0.030	5.18
12) CM	1,1-Dichloroethen	0.379	0.506	0.466	0.463	0.472	0.473	0.460	9.23#
13) T	Acrolein		0.034	0.028	0.028	0.020	0.031	0.028	18.34
14) T	Allyl chloride	0.622	0.827	0.771	0.738	0.766	0.781	0.751	9.26
15) T	Acrylonitrile	0.128	0.177	0.172	0.171	0.177	0.176	0.167	11.48
16) T	Acetone	0.103	0.139	0.123	0.115	0.118	0.117	0.119	9.91
17) T	Carbon Disulfide	1.297	1.465	1.383	1.400	1.461	1.468	1.412	4.77
18) T	Methyl Acetate	0.386	0.456	0.434	0.430	0.455	0.468	0.438	6.69
19) T	Methyl tert-butyl	1.031	1.337	1.271	1.257	1.289	1.302	1.248	8.78
20) T	Methylene Chlorid	0.516	0.592	0.544	0.520	0.526	0.527	0.537	5.27
21) T	trans-1,2-Dichlor	0.457	0.539	0.495	0.490	0.505	0.502	0.498	5.30
22) T	Diisopropyl ether	1.324	1.756	1.642	1.616	1.641	1.632	1.602	9.06
23) T	Vinyl Acetate	0.726	1.035	0.973	0.973	1.010	1.001	0.953	11.93
24) P	1,1-Dichloroethan	0.764	1.017	0.943	0.925	0.950	0.944	0.924	9.13
25) T	2-Butanone	0.159	0.206	0.186	0.183	0.191	0.187	0.185	8.15
26) T	2,2-Dichloropropa	0.579	0.723	0.678	0.686	0.705	0.710	0.680	7.67
27) T	cis-1,2-Dichloroe	0.482	0.623	0.567	0.565	0.575	0.580	0.565	8.11
28) T	Bromochloromethan	0.368	0.444	0.410	0.421	0.426	0.420	0.415	6.21
29) T	Tetrahydrofuran	0.097	0.142	0.129	0.126	0.134	0.130	0.126	12.38
30) C	Chloroform	0.774	0.999	0.914	0.896	0.912	0.910	0.901	8.02#
31) T	Cyclohexane	1.514	1.076	0.911	0.885	0.900	0.894	1.030	24.00
32) T	1,1,1-Trichloroet	0.612	0.822	0.770	0.756	0.781	0.781	0.754	9.64
33) S	1,2-Dichloroethan		0.556	0.529	0.520	0.525	0.528	0.532	2.65
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.289	0.269	0.267	0.281	0.289	0.279	3.91
36) T	1,1-Dichloroprope	0.399	0.485	0.468	0.463	0.475	0.472	0.460	6.71
37) T	Ethyl Acetate	0.209	0.305	0.281	0.285	0.291	0.288	0.277	12.25
38) T	Carbon Tetrachlor	0.350	0.444	0.431	0.428	0.443	0.446	0.424	8.66
39) T	Methylcyclohexane	0.496	0.607	0.561	0.563	0.583	0.582	0.565	6.71
40) TM	Benzene	1.183	1.488	1.412	1.397	1.405	1.406	1.382	7.44
41) T	Methacrylonitrile	0.122	0.163	0.158	0.149	0.173	0.155	0.153	11.26
42) TM	1,2-Dichloroethan	0.358	0.456	0.423	0.419	0.421	0.419	0.416	7.66
43) T	Isopropyl Acetate	0.664	0.629	0.531	0.521	0.532	0.526	0.567	11.00
44) TM	Trichloroethene	0.325	0.414	0.378	0.369	0.377	0.376	0.373	7.59
45) C	1,2-Dichloropropa	0.296	0.393	0.371	0.367	0.373	0.372	0.362	9.23#
46) T	Dibromomethane	0.180	0.233	0.212	0.209	0.213	0.212	0.210	8.09
47) T	Bromodichlorometh	0.350	0.464	0.441	0.446	0.455	0.456	0.435	9.82
48) T	Methyl methacryla	0.179	0.260	0.255	0.259	0.270	0.270	0.249	14.02
49) T	1,4-Dioxane	0.002	0.003	0.003	0.003	0.003	0.003	0.003	13.59
50) S	Toluene-d8		1.213	1.206	1.201	1.212	1.217	1.210	0.54
51) T	4-Methyl-2-Pentan	0.200	0.277	0.269	0.269	0.276	0.269	0.260	11.38
52) CM	Toluene	0.674	0.908	0.859	0.852	0.869	0.861	0.837	9.85#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.320	0.439	0.438	0.459	0.483	0.490	0.438	14.10
54) T	cis-1,3-Dichlorop	0.411	0.540	0.525	0.537	0.557	0.562	0.522	10.75
55) T	1,1,2-Trichloroet	0.257	0.327	0.304	0.300	0.305	0.300	0.299	7.59
56) T	Ethyl methacrylat	0.284	0.387	0.388	0.402	0.421	0.419	0.383	13.27
57) T	1,3-Dichloropropa	0.423	0.560	0.521	0.519	0.529	0.523	0.512	9.08
58) T	2-Chloroethyl Vin	0.165	0.215	0.217	0.224	0.234	0.229	0.214	11.79
59) T	2-Hexanone	0.137	0.192	0.185	0.184	0.189	0.183	0.178	11.60
60) T	Dibromochlorometh	0.255	0.330	0.327	0.332	0.347	0.348	0.323	10.71
61) T	1,2-Dibromoethane	0.228	0.321	0.300	0.304	0.311	0.309	0.295	11.50
62) S	4-Bromofluorobenz		0.391	0.401	0.408	0.422	0.427	0.410	3.60
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.388	0.472	0.446	0.427	0.425	0.420	0.430	6.51
65) PM	Chlorobenzene	0.885	1.145	1.051	1.026	1.057	1.059	1.037	8.17
66) T	1,1,1,2-Tetrachlo	0.312	0.382	0.357	0.362	0.374	0.378	0.361	7.13
67) C	Ethyl Benzene	1.404	1.942	1.818	1.809	1.862	1.854	1.781	10.72#
68) T	m/p-Xylenes	0.527	0.722	0.687	0.683	0.698	0.696	0.669	10.57
69) T	o-Xylene	0.524	0.704	0.666	0.667	0.680	0.679	0.653	9.91
70) T	Styrene	0.774	1.101	1.077	1.092	1.128	1.127	1.050	13.00
71) P	Bromoform	0.185	0.253	0.244	0.253	0.266	0.270	0.245	12.70
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.187	4.173	3.847	3.747	3.780	3.665	3.733	8.57
74) T	N-amyl acetate	0.815	1.058	1.025	1.059	1.114	1.079	1.025	10.43
75) P	1,1,2,2-Tetrachlo	0.776	0.951	0.844	0.817	0.829	0.803	0.837	7.25
76) T	1,2,3-Trichloropr	0.674	0.843	0.747	0.727	0.733	0.703	0.738	7.78
77) T	Bromobenzene	0.832	1.047	0.974	0.943	0.967	0.935	0.950	7.36
78) T	n-propylbenzene	3.514	4.649	4.390	4.325	4.396	4.272	4.258	9.08
79) T	2-Chlorotoluene	2.133	2.843	2.611	2.510	2.541	2.464	2.517	9.16
80) T	1,3,5-Trimethylbe	2.400	3.387	3.157	3.057	3.075	3.006	3.014	10.92
81) T	trans-1,4-Dichlor	0.173	0.223	0.223	0.236	0.262	0.260	0.230	14.16
82) T	4-Chlorotoluene	2.204	2.867	2.627	2.566	2.615	2.563	2.574	8.29
83) T	tert-Butylbenzene	2.216	2.997	2.744	2.677	2.690	2.626	2.658	9.52
84) T	1,2,4-Trimethylbe	2.416	3.402	3.182	3.096	3.145	3.065	3.051	10.92
85) T	sec-Butylbenzene	2.945	3.971	3.723	3.631	3.700	3.632	3.600	9.57
86) T	p-Isopropyltoluen	2.430	3.459	3.212	3.167	3.239	3.209	3.119	11.32
87) T	1,3-Dichlorobenze	1.495	1.823	1.706	1.682	1.720	1.697	1.687	6.33
88) T	1,4-Dichlorobenze	1.469	1.836	1.677	1.658	1.698	1.689	1.671	7.05
89) T	n-Butylbenzene	2.060	2.697	2.650	2.685	2.830	2.834	2.626	10.97
90) T	Hexachloroethane	0.443	0.551	0.509	0.523	0.551	0.556	0.522	8.25
91) T	1,2-Dichlorobenze	1.434	1.823	1.649	1.619	1.625	1.589	1.623	7.66
92) T	1,2-Dibromo-3-Chl	0.098	0.136	0.129	0.128	0.134	0.132	0.126	11.15
93) T	1,2,4-Trichlorobe	0.732	0.835	0.873	0.905	0.963	0.987	0.882	10.49
94) T	Hexachlorobutadie	0.498	0.583	0.513	0.487	0.495	0.488	0.511	7.16
95) T	Naphthalene	1.405	1.681	1.817	1.904	2.083	2.074	1.827	14.09
96) T	1,2,3-Trichlorobe	0.694	0.754	0.811	0.824	0.879	0.895	0.810	9.36

(#) = Out of Range