

Method Path : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\
 Method File : 82W011719S.M
 Title : SW846 8260
 Last Update : Fri Jan 18 00:57:07 2019
 Response Via : Initial Calibration

Calibration Files

10 =VW008324.D 5 =VW008323.D 20 =VW008325.D
 50 =VW008326.D 100 =VW008327.D 150 =VW008328.D

	Compound	10	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.291	0.332	0.309	0.327	0.298	0.333	0.315	5.75
3) P	Chloromethane	0.450	0.567	0.422	0.421	0.443	0.468	0.462	11.77
4) C	Vinyl Chloride	0.585	0.674	0.580	0.569	0.569	0.563	0.590	7.09#
5) T	Bromomethane	0.420	0.477	0.428	0.430	0.440	0.490	0.447	6.45
6) T	Chloroethane	0.367	0.368	0.376	0.392	0.397	0.417	0.386	4.98
7) T	Trichlorofluorome	0.392	0.436	0.393	0.438	0.460	0.480	0.433	8.19
8) T	Diethyl Ether	0.292	0.356	0.292	0.301	0.279	0.282	0.300	9.40
9) T	1,1,2-Trichlorotr	0.485	0.534	0.493	0.498	0.507	0.510	0.504	3.39
10) T	Methyl Iodide	0.764	0.849	0.763	0.842	0.823	0.840	0.814	4.89
11) T	Tert butyl alcoho	0.033	0.043	0.036	0.034	0.031	0.032	0.035	11.86
12) CM	1,1-Dichloroethen	0.516	0.535	0.492	0.514	0.507	0.515	0.513	2.77#
13) T	Acrolein	0.023	0.027	0.023	0.042	0.039	0.036	0.032	26.11
14) T	Allyl chloride	0.867	0.858	0.792	0.886	0.869	0.875	0.858	3.93
15) T	Acrylonitrile	0.112	0.116	0.112	0.120	0.118	0.115	0.115	2.85
16) T	Acetone	0.118	0.141	0.115	0.123	0.115	0.113	0.121	8.62
17) T	Carbon Disulfide	1.379	1.668	1.401	1.651	1.628	1.641	1.561	8.55
18) T	Methyl Acetate	0.334	0.369	0.327	0.312	0.302	0.293	0.323	8.44
19) T	Methyl tert-butyl	0.753	0.799	0.778	0.836	0.794	0.753	0.785	4.02
20) T	Methylene Chlorid	0.702	0.896	0.592	0.591	0.533	0.534	0.641	21.70
21) T	trans-1,2-Dichlor	0.545	0.617	0.539	0.591	0.581	0.585	0.576	5.09
22) T	Diisopropyl ether	1.621	1.645	1.643	1.815	1.674	1.650	1.674	4.22
23) T	Vinyl Acetate	0.810	0.783	0.880	0.982	0.966	0.950	0.895	9.45
24) P	1,1-Dichloroethan	0.974	1.082	1.002	1.042	1.002	1.014	1.020	3.70
25) T	2-Butanone	0.144	0.155	0.150	0.161	0.164	0.154	0.155	4.62
26) T	2,2-Dichloropropa	0.692	0.741	0.630	0.649	0.606	0.586	0.651	8.79
27) T	cis-1,2-Dichloroe	0.600	0.638	0.613	0.645	0.624	0.626	0.624	2.63
28) T	Bromochloromethan	0.405	0.449	0.395	0.440	0.418	0.413	0.420	4.96
29) T	Tetrahydrofuran	0.089	0.092	0.097	0.102	0.102	0.096	0.096	5.44
30) C	Chloroform	0.979	1.019	0.984	1.054	1.006	1.010	1.009	2.68#
31) T	Cyclohexane	0.994	1.166	0.877	0.934	0.930	0.927	0.971	10.56
32) T	1,1,1-Trichloroet	0.815	0.910	0.836	0.853	0.839	0.827	0.847	3.98
33) S	1,2-Dichloroethan	0.513	0.570	0.506	0.535	0.501	0.496	0.520	5.33
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.321	0.322	0.304	0.327	0.324	0.318	0.319	2.52
36) T	1,1-Dichloroprope	0.476	0.512	0.472	0.514	0.527	0.517	0.503	4.58
37) T	Ethyl Acetate	0.186	0.233	0.206	0.201	0.210	0.207	0.207	7.33
38) T	Carbon Tetrachlor	0.488	0.504	0.473	0.494	0.514	0.508	0.497	3.04
39) T	Methylcyclohexane	0.538	0.572	0.555	0.623	0.658	0.644	0.598	8.31
40) TM	Benzene	1.354	1.424	1.383	1.463	1.477	1.449	1.425	3.36
41) T	Methacrylonitrile	0.117	0.127	0.112	0.126	0.131	0.112	0.121	6.71
42) TM	1,2-Dichloroethan	0.388	0.412	0.386	0.411	0.401	0.392	0.398	2.84
43) T	Isopropyl Acetate	0.364	0.377	0.370	0.408	0.422	0.410	0.392	6.20
44) TM	Trichloroethene	0.356	0.400	0.372	0.404	0.406	0.405	0.390	5.46
45) C	1,2-Dichloropropa	0.349	0.355	0.344	0.360	0.358	0.357	0.354	1.70#
46) T	Dibromomethane	0.173	0.196	0.183	0.186	0.186	0.184	0.184	3.88
47) T	Bromodichlorometh	0.435	0.426	0.450	0.476	0.474	0.468	0.455	4.62
48) T	Methyl methacryla	0.162	0.171	0.172	0.198	0.206	0.198	0.184	9.92
49) T	1,4-Dioxane	0.003	0.003	0.003	0.003	0.003	0.003	0.003	4.95
50) S	Toluene-d8	1.195	1.256	1.195	1.316	1.290	1.272	1.254	3.96
51) T	4-Methyl-2-Pentan	0.180	0.185	0.190	0.210	0.219	0.206	0.198	7.83
52) CM	Toluene	0.844	0.879	0.876	0.942	0.937	0.933	0.902	4.53#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.408	0.428	0.436	0.485	0.489	0.480	0.454	7.60
54) T	cis-1,3-Dichlorop	0.496	0.491	0.512	0.569	0.574	0.570	0.535	7.37
55) T	1,1,2-Trichloroet	0.239	0.261	0.257	0.264	0.260	0.255	0.256	3.48
56) T	Ethyl methacrylat	0.262	0.256	0.288	0.327	0.338	0.332	0.301	12.23
57) T	1,3-Dichloropropa	0.414	0.439	0.438	0.464	0.459	0.452	0.444	4.10
58) T	2-Chloroethyl Vin	0.128	0.119	0.144	0.159	0.163	0.156	0.145	12.42
59) T	2-Hexanone	0.121	0.117	0.136	0.151	0.158	0.151	0.139	12.19
60) T	Dibromochlorometh	0.290	0.280	0.292	0.321	0.325	0.325	0.305	6.63
61) T	1,2-Dibromoethane	0.238	0.233	0.244	0.262	0.256	0.253	0.248	4.45
62) S	4-Bromofluorobenz	0.438	0.487	0.429	0.465	0.437	0.442	0.450	4.90
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.329	0.339	0.333	0.358	0.371	0.373	0.351	5.57
65) PM	Chlorobenzene	1.064	1.084	1.052	1.126	1.116	1.102	1.091	2.69
66) T	1,1,1,2-Tetrachlo	0.347	0.377	0.360	0.389	0.392	0.387	0.375	4.86
67) C	Ethyl Benzene	1.831	1.824	1.780	1.975	1.977	1.975	1.894	4.83#
68) T	m/p-Xylenes	0.698	0.706	0.702	0.778	0.767	0.759	0.735	4.97
69) T	o-Xylene	0.662	0.629	0.658	0.730	0.720	0.721	0.687	6.14
70) T	Stvrene	1.053	0.983	1.074	1.183	1.165	1.160	1.103	7.16
71) P	Bromoform	0.169	0.163	0.180	0.200	0.205	0.204	0.187	9.97
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.492	3.299	3.398	3.822	3.931	3.916	3.643	7.67
74) T	N-amyl acetate	0.706	0.690	0.734	0.814	0.881	0.860	0.781	10.47
75) P	1,1,2,2-Tetrachlo	0.611	0.624	0.584	0.630	0.646	0.622	0.620	3.34
76) T	1,2,3-Trichloropr	0.501	0.427	0.437	0.454	0.462	0.452	0.455	5.64
77) T	Bromobenzene	0.858	0.845	0.818	0.901	0.899	0.930	0.875	4.76
78) T	n-propylbenzene	4.192	4.111	4.133	4.628	4.689	4.705	4.410	6.62
79) T	2-Chlorotoluene	2.422	2.470	2.397	2.604	2.609	2.615	2.519	4.02
80) T	1,3,5-Trimethylbe	2.960	2.793	2.914	3.183	3.219	3.171	3.040	5.75
81) T	trans-1,4-Dichlor	0.174	0.179	0.180	0.197	0.210	0.205	0.191	7.89
82) T	4-Chlorotoluene	2.557	2.601	2.513	2.718	2.724	2.683	2.633	3.37
83) T	tert-Butylbenzene	2.542	2.536	2.505	2.818	2.853	2.800	2.676	6.11
84) T	1,2,4-Trimethylbe	3.021	2.986	2.906	3.204	3.224	3.240	3.097	4.63
85) T	sec-Butylbenzene	3.599	3.792	3.685	3.979	3.965	4.031	3.842	4.59
86) T	p-Isopropyltoluen	3.158	3.163	3.234	3.531	3.490	3.556	3.355	5.65
87) T	1,3-Dichlorobenze	1.717	1.788	1.644	1.780	1.750	1.754	1.739	3.04
88) T	1,4-Dichlorobenze	1.716	1.821	1.630	1.783	1.749	1.752	1.742	3.75
89) T	n-Butylbenzene	3.036	3.042	3.076	3.393	3.382	3.383	3.219	5.71
90) T	Hexachloroethane	0.617	0.601	0.564	0.629	0.656	0.659	0.621	5.76
91) T	1,2-Dichlorobenze	1.519	1.530	1.448	1.590	1.564	1.559	1.535	3.23
92) T	1,2-Dibromo-3-Chl	0.094	0.113	0.095	0.102	0.106	0.099	0.101	6.79
93) T	1,2,4-Trichlorobe	0.964	0.926	1.006	1.102	1.112	1.126	1.039	8.21
94) T	Hexachlorobutadie	0.557	0.539	0.549	0.620	0.614	0.635	0.586	7.16
95) T	Naphthalene	1.473	1.403	1.646	1.932	1.995	1.970	1.736	15.19
96) T	1,2,3-Trichlorobe	0.868	0.851	0.847	0.945	0.960	0.960	0.905	6.11

(#) = Out of Range