

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\
 Method File : 82W041719S.M
 Title : SW846 8260
 Last Update : Thu Apr 18 02:23:40 2019
 Response Via : Initial Calibration

Calibration Files

10 =VW010012.D 5 =VW010011.D 20 =VW010013.D
 50 =VW010014.D 100 =VW010015.D 150 =VW010016.D

	Compound	10	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.424	0.333	0.381	0.385	0.396	0.368	0.381	7.95
3) P	Chloromethane	0.418	0.279	0.366	0.398	0.411	0.415	0.381	14.03
4) C	Vinyl Chloride	0.477	0.326	0.454	0.468	0.472	0.462	0.443	13.09#
5) T	Bromomethane	0.332	0.242	0.296	0.295	0.312	0.310	0.298	10.29
6) T	Chloroethane	0.299	0.240	0.301	0.293	0.305	0.300	0.290	8.52
7) T	Trichlorofluorome	0.307	0.245	0.297	0.317	0.338	0.334	0.306	11.12
8) T	Diethyl Ether	0.293	0.246	0.247	0.242	0.255	0.246	0.255	7.58
9) T	1,1,2-Trichlorotr	0.594	0.503	0.523	0.494	0.500	0.479	0.516	7.99
10) T	Methyl Iodide	0.776	0.600	0.713	0.721	0.739	0.725	0.713	8.34
11) T	Tert butyl alcoho	0.040	0.035	0.034	0.032	0.034	0.034	0.035	7.93
12) CM	1,1-Dichloroethen	0.531	0.432	0.493	0.498	0.512	0.500	0.494	6.79#
13) T	Acrolein	0.038	0.043	0.035	0.036	0.035	0.035	0.037	8.39
14) T	Allyl chloride	0.938	0.765	0.871	0.892	0.914	0.892	0.879	6.84
15) T	Acrylonitrile	0.146	0.120	0.129	0.127	0.134	0.130	0.131	6.74
16) T	Acetone	0.174	0.146	0.138	0.138	0.135	0.129	0.143	11.11
17) T	Carbon Disulfide	1.475	0.767	1.336	1.516	1.540	1.501	1.356	21.93
18) T	Methyl Acetate	0.353	0.405	0.314	0.297	0.312	0.307	0.331	12.38
19) T	Methyl tert-butyl	0.664	0.583	0.624	0.646	0.684	0.650	0.642	5.47
20) T	Methylene Chlorid	0.810	0.921	0.605	0.553	0.541	0.522	0.659	25.28
21) T	trans-1,2-Dichlor	0.567	0.440	0.533	0.555	0.569	0.547	0.535	9.05
22) T	Diisopropyl ether	1.956	1.494	1.871	1.803	1.825	1.746	1.783	8.86
23) T	Vinyl Acetate	1.190	0.808	1.134	1.168	1.238	1.195	1.122	14.03
24) P	1,1-Dichloroethan	1.181	0.998	1.088	1.040	1.063	1.024	1.066	6.06
25) T	2-Butanone	0.209	0.159	0.182	0.186	0.201	0.192	0.188	9.18
26) T	2,2-Dichloropropa	0.663	0.578	0.618	0.571	0.571	0.535	0.590	7.58
27) T	cis-1,2-Dichloroe	0.622	0.522	0.580	0.590	0.615	0.603	0.589	6.11
28) T	Bromochloromethan	0.448	0.411	0.471	0.420	0.430	0.434	0.435	4.90
29) T	Tetrahydrofuran	0.131	0.096	0.116	0.119	0.129	0.124	0.119	10.51
30) C	Chloroform	1.199	1.016	1.095	1.038	1.051	1.007	1.068	6.68#
31) T	Cyclohexane	1.115	0.942	0.993	0.988	0.997	0.952	0.998	6.19
32) T	1,1,1-Trichloroet	0.924	0.798	0.869	0.829	0.825	0.785	0.838	6.10
33) S	1,2-Dichloroethan	0.649	0.508	0.651	0.607	0.638	0.649	0.617	9.07

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.320	0.283	0.332	0.313	0.331	0.328	0.318	5.87
36) T	1,1-Dichloroprope	0.556	0.433	0.514	0.526	0.531	0.504	0.511	8.24
37) T	Ethyl Acetate	0.283	0.237	0.250	0.257	0.269	0.261	0.260	6.14
38) T	Carbon Tetrachlor	0.546	0.450	0.503	0.502	0.506	0.484	0.498	6.25
39) T	Methylcyclohexane	0.581	0.406	0.567	0.621	0.652	0.622	0.575	15.38
40) TM	Benzene	1.511	1.232	1.412	1.418	1.434	1.373	1.397	6.61
41) T	Methacrylonitrile	0.150	0.113	0.144	0.150	0.167	0.163	0.148	12.80
42) TM	1,2-Dichloroethan	0.541	0.453	0.479	0.472	0.477	0.459	0.480	6.64
43) T	Isopropyl Acetate	0.526	0.414	0.470	0.478	0.522	0.507	0.486	8.64
44) TM	Trichloroethene	0.380	0.312	0.361	0.355	0.368	0.353	0.355	6.49
45) C	1,2-Dichloropropa	0.406	0.337	0.370	0.364	0.370	0.356	0.367	6.21#
46) T	Dibromomethane	0.207	0.177	0.189	0.188	0.194	0.186	0.190	5.13
47) T	Bromodichlorometh	0.537	0.433	0.488	0.490	0.507	0.491	0.491	6.93
48) T	Methyl methacryla	0.255	0.206	0.226	0.232	0.253	0.248	0.237	8.07
49) T	1,4-Dioxane	0.003	0.002	0.003	0.003	0.003	0.003	0.003	10.00
50) S	Toluene-d8	1.197	0.860	1.263	1.232	1.300	1.295	1.191	14.00
51) T	4-Methyl-2-Pentan	0.276	0.213	0.249	0.255	0.273	0.262	0.255	8.93
52) CM	Toluene	0.944	0.716	0.887	0.898	0.913	0.861	0.870	9.22#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.508	0.403	0.477	0.496	0.525	0.513	0.487	9.10
54) T	cis-1,3-Dichlorop	0.573	0.461	0.551	0.571	0.598	0.581	0.556	8.80
55) T	1,1,2-Trichloroet	0.295	0.245	0.267	0.262	0.268	0.257	0.266	6.27
56) T	Ethyl methacrylat	0.319	0.228	0.306	0.360	0.389	0.379	0.330	18.13
57) T	1,3-Dichloropropa	0.518	0.440	0.471	0.472	0.486	0.469	0.476	5.37
58) T	2-Chloroethyl Vin	0.145	0.133	0.145	0.188	0.149	0.192	0.159	15.57
59) T	2-Hexanone	0.192	0.136	0.172	0.181	0.196	0.186	0.177	12.26
60) T	Dibromochlorometh	0.325	0.267	0.295	0.311	0.327	0.317	0.307	7.37
61) T	1,2-Dibromoethane	0.269	0.229	0.253	0.252	0.260	0.252	0.253	5.24
62) S	4-Bromofluorobenz	0.417	0.335	0.452	0.441	0.476	0.477	0.433	12.28
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.353	0.295	0.320	0.324	0.335	0.319	0.325	5.93
65) PM	Chlorobenzene	1.142	0.961	1.057	0.988	1.023	0.970	1.023	6.66
66) T	1,1,1,2-Tetrachlo	0.397	0.339	0.366	0.364	0.375	0.356	0.366	5.27
67) C	Ethyl Benzene	1.889	1.545	1.852	1.892	1.941	1.835	1.826	7.79#
68) T	m/p-Xylenes	0.726	0.566	0.705	0.705	0.717	0.675	0.683	8.70
69) T	o-Xylene	0.640	0.494	0.640	0.642	0.673	0.640	0.621	10.28
70) T	Styrene	1.077	0.824	1.075	1.141	1.187	1.125	1.072	11.98
71) P	Bromoform	0.204	0.178	0.186	0.194	0.202	0.197	0.194	5.09
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.567	2.830	3.496	3.581	3.769	3.636	3.480	9.52
74) T	N-amyl acetate	0.996	0.717	0.925	0.981	1.087	1.076	0.964	14.02
75) P	1,1,2,2-Tetrachlo	0.743	0.671	0.658	0.668	0.700	0.684	0.688	4.52
76) T	1,2,3-Trichloropr	0.570	0.461	0.485	0.483	0.511	0.492	0.500	7.56
77) T	Bromobenzene	0.857	0.713	0.789	0.805	0.833	0.804	0.800	6.15
78) T	n-propylbenzene	4.452	3.576	4.401	4.470	4.581	4.397	4.313	8.51
79) T	2-Chlorotoluene	2.578	2.212	2.516	2.498	2.585	2.494	2.480	5.54
80) T	1,3,5-Trimethylbe	3.038	2.405	2.983	3.073	3.168	3.037	2.951	9.29
81) T	trans-1,4-Dichlor	0.210	0.168	0.188	0.220	0.245	0.243	0.212	14.32
82) T	4-Chlorotoluene	2.825	2.282	2.644	2.632	2.685	2.596	2.611	6.89
83) T	tert-Butylbenzene	2.497	1.996	2.461	2.541	2.645	2.521	2.443	9.33
84) T	1,2,4-Trimethylbe	3.150	2.454	3.065	3.091	3.164	3.024	2.991	8.98
85) T	sec-Butylbenzene	3.832	3.161	3.728	3.714	3.827	3.646	3.651	6.86
86) T	p-Isopropyltoluen	3.318	2.586	3.264	3.385	3.465	3.293	3.218	9.88
87) T	1,3-Dichlorobenze	1.769	1.539	1.644	1.599	1.613	1.543	1.618	5.22
88) T	1,4-Dichlorobenze	1.773	1.604	1.636	1.570	1.591	1.514	1.615	5.41
89) T	n-Butylbenzene	3.216	2.614	3.207	3.351	3.463	3.280	3.189	9.32
90) T	Hexachloroethane	0.642	0.562	0.613	0.620	0.642	0.620	0.616	4.78
91) T	1,2-Dichlorobenze	1.609	1.375	1.475	1.428	1.439	1.378	1.451	5.97
92) T	1,2-Dibromo-3-Chl	0.135	0.116	0.121	0.121	0.125	0.121	0.123	5.29
93) T	1,2,4-Trichlorobe	0.987	0.857	0.945	0.970	1.004	0.979	0.957	5.53
94) T	Hexachlorobutadie	0.623	0.557	0.573	0.577	0.590	0.568	0.581	3.96
95) T	Naphthalene	1.630	1.260	1.636	1.832	1.987	1.964	1.718	15.84
96) T	1,2,3-Trichlorobe	0.846	0.728	0.821	0.854	0.870	0.863	0.830	6.38

(#) = Out of Range