

Method Path : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\
 Method File : 82W073018S.M
 Title : SW846 8260
 Last Update : Mon Jul 30 02:37:04 2018
 Response Via : Initial Calibration

Calibration Files

10 =VW004308.D 5 =VW004307.D 20 =VW004309.D
 50 =VW004310.D 100 =VW004312.D 150 =VW004313.D

	Compound	10	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.213	0.141	0.148	0.171	0.180	0.195	0.175	15.68
3) P	Chloromethane	0.384	0.364	0.226	0.212	0.239	0.252	0.279	26.79
4) C	Vinyl Chloride	0.660	0.589	0.453	0.422	0.397	0.375	0.483	23.86#
5) T	Bromomethane	0.389	0.418	0.280	0.287	0.275	0.264	0.319	20.92
6) T	Chloroethane	0.351	0.401	0.252	0.272	0.268	0.274	0.303	19.53
7) T	Trichlorofluorome	0.370	0.422	0.259	0.265	0.232	0.184	0.289	31.04
8) T	Diethyl Ether	0.317	0.408	0.196	0.204	0.202	0.190	0.253	35.46
9) T	1,1,2-Trichlorotr	0.484	0.741	0.358	0.489	0.473	0.460	0.501	25.38
10) T	Methyl Iodide	0.693	1.031	0.558	0.752	0.729	0.732	0.749	20.69
11) T	Tert butyl alcoho	0.030	0.065	0.028	0.032	0.035	0.032	0.037	37.63
12) CM	1,1-Dichloroethen	0.452	0.748	0.347	0.495	0.485	0.475	0.500	26.57#
13) T	Acrolein	0.027	0.054	0.020	0.032	0.032	0.031	0.033	35.02
14) T	Allyl chloride	0.631	1.155	0.535	0.850	0.839	0.816	0.804	26.59
15) T	Acrylonitrile	0.093	0.162	0.083	0.116	0.117	0.111	0.114	24.06
16) T	Acetone	0.095	0.183	0.074	0.124	0.115	0.103	0.116	32.18
17) T	Carbon Disulfide	1.396	2.139	1.083	1.612	1.539	1.514	1.547	22.27
18) T	Methyl Acetate	0.204	0.527	0.193	0.290	0.289	0.281	0.297	40.57
19) T	Methyl tert-butyl	0.775	1.151	0.706	0.914	0.919	0.881	0.891	17.14
20) T	Methylene Chlorid	0.487	0.886	0.391	0.511	0.483	0.468	0.538	32.59
21) T	trans-1,2-Dichlor	0.474	0.763	0.411	0.532	0.518	0.505	0.534	22.53
22) T	Diisopropyl ether	1.228	1.728	1.392	1.636	1.574	1.526	1.514	11.85
23) T	Vinyl Acetate	0.688	0.956	0.779	0.959	0.965	0.924	0.878	13.30
24) P	1,1-Dichloroethan	0.825	1.392	0.829	0.967	0.931	0.907	0.975	21.72
25) T	2-Butanone	0.115	0.114	0.157	0.154	0.156	0.145	0.140	14.50
26) T	2,2-Dichloropropa	0.580	0.612	0.595	0.571	0.528	0.509	0.566	7.03
27) T	cis-1,2-Dichloroe	0.512	0.518	0.566	0.561	0.554	0.547	0.543	4.15
28) T	Bromochloromethan	0.303	0.354	0.400	0.341	0.325	0.326	0.342	9.78
29) T	Tetrahydrofuran	0.071	0.072	0.100	0.098	0.102	0.095	0.090	15.89
30) C	Chloroform	0.915	0.944	0.969	0.956	0.915	0.888	0.931	3.25#
31) T	Cyclohexane	0.786	0.853	0.907	0.895	0.876	0.850	0.861	5.02
32) T	1,1,1-Trichloroet	0.767	0.807	0.783	0.776	0.738	0.719	0.765	4.16
33) S	1,2-Dichloroethan	0.470	0.516	0.500	0.534	0.507	0.499	0.504	4.21
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.302	0.330	0.307	0.330	0.315	0.311	0.316	3.75
36) T	1,1-Dichloroprope	0.494	0.480	0.516	0.517	0.505	0.488	0.500	3.03
37) T	Ethyl Acetate	0.172	0.177	0.227	0.222	0.224	0.208	0.205	11.95
38) T	Carbon Tetrachlor	0.520	0.519	0.488	0.487	0.481	0.469	0.494	4.19
39) T	Methylcyclohexane	0.571	0.575	0.584	0.630	0.640	0.617	0.603	5.00
40) TM	Benzene	1.360	1.384	1.458	1.456	1.406	1.378	1.407	2.95
41) T	Methacrylonitrile	0.084	0.082	0.130	0.135	0.142	0.136	0.118	23.06
42) TM	1,2-Dichloroethan	0.416	0.428	0.381	0.408	0.396	0.385	0.402	4.57
43) T	Isopropyl Acetate	0.337	0.314	0.321	0.406	0.428	0.411	0.369	13.74
44) TM	Trichloroethene	0.391	0.405	0.374	0.378	0.371	0.360	0.380	4.18
45) C	1,2-Dichloropropa	0.320	0.333	0.372	0.365	0.357	0.347	0.349	5.71#
46) T	Dibromomethane	0.173	0.176	0.187	0.182	0.178	0.173	0.178	3.16
47) T	Bromodichlorometh	0.440	0.463	0.459	0.463	0.448	0.440	0.452	2.41
48) T	Methyl methacryla	0.156	0.153	0.196	0.204	0.213	0.206	0.188	14.00
49) T	1,4-Dioxane	0.002	0.002	0.003	0.003	0.003	0.003	0.003	11.56
50) S	Toluene-d8	1.164	1.261	1.208	1.330	1.277	1.253	1.249	4.61
51) T	4-Methyl-2-Pentan	0.172	0.162	0.221	0.220	0.227	0.214	0.203	13.95
52) CM	Toluene	0.862	0.887	0.899	0.904	0.890	0.859	0.883	2.13#

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	Compound	10	5	20	50	100	150	Avq	%RSD
53) T	t-1,3-Dichloropro	0.422	0.442	0.436	0.474	0.476	0.467	0.453	4.94
54) T	cis-1,3-Dichlorop	0.494	0.488	0.540	0.556	0.551	0.540	0.528	5.57
55) T	1,1,2-Trichloroet	0.247	0.254	0.264	0.261	0.254	0.244	0.254	3.06
56) T	Ethyl methacrylat	0.264	0.250	0.315	0.335	0.348	0.333	0.307	13.18
57) T	1,3-Dichloropropa	0.401	0.426	0.454	0.449	0.443	0.423	0.433	4.56
58) T	2-Chloroethyl Vin	0.120	0.108	0.148	0.141	0.151	0.151	0.137	13.16
59) T	2-Hexanone	0.116	0.113	0.155	0.153	0.153	0.145	0.139	14.07
60) T	Dibromochlorometh	0.308	0.302	0.314	0.303	0.303	0.295	0.304	2.14
61) T	1,2-Dibromoethane	0.233	0.251	0.246	0.246	0.245	0.232	0.242	3.24
62) S	4-Bromofluorobenz	0.418	0.439	0.432	0.457	0.453	0.439	0.440	3.27
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.378	0.421	0.355	0.361	0.350	0.332	0.366	8.42
65) PM	Chlorobenzene	1.040	1.087	1.036	1.079	1.051	1.008	1.050	2.75
66) T	1,1,1,2-Tetrachlo	0.384	0.383	0.370	0.367	0.361	0.357	0.370	2.94
67) C	Ethyl Benzene	1.772	1.815	1.798	1.880	1.895	1.822	1.830	2.61#
68) T	m/p-Xylenes	0.689	0.676	0.712	0.734	0.719	0.696	0.704	3.05
69) T	o-Xylene	0.626	0.641	0.594	0.690	0.692	0.662	0.651	5.88
70) T	Stvrene	1.056	1.077	1.035	1.155	1.161	1.112	1.100	4.73
71) P	Bromoform	0.205	0.219	0.202	0.207	0.211	0.202	0.208	3.17
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.295	3.259	3.402	3.523	3.748	3.575	3.467	5.34
74) T	N-amyl acetate	0.601	0.593	0.795	0.787	0.900	0.831	0.751	16.77
75) P	1,1,2,2-Tetrachlo	0.567	0.562	0.631	0.622	0.653	0.609	0.607	5.97
76) T	1,2,3-Trichloropr	0.463	0.472	0.427	0.512	0.436	0.428	0.456	7.27
77) T	Bromobenzene	0.833	0.863	0.816	0.845	0.843	0.826	0.838	1.95
78) T	n-propylbenzene	3.999	3.970	4.164	4.441	4.493	4.275	4.224	5.20
79) T	2-Chlorotoluene	2.318	2.404	2.353	2.490	2.534	2.396	2.416	3.38
80) T	1,3,5-Trimethylbe	2.933	2.876	2.959	3.052	3.098	3.002	2.987	2.72
81) T	trans-1,4-Dichlor	0.171	0.171	0.203	0.203	0.223	0.207	0.196	10.76
82) T	4-Chlorotoluene	2.563	2.479	2.590	2.560	2.656	2.490	2.556	2.56
83) T	tert-Butylbenzene	2.506	2.360	2.393	2.601	2.607	2.462	2.488	4.15
84) T	1,2,4-Trimethylbe	2.936	2.938	3.054	3.113	3.158	3.078	3.046	3.01
85) T	sec-Butylbenzene	3.514	3.370	3.620	3.847	3.778	3.679	3.635	4.81
86) T	p-Isopropyltoluen	3.229	3.087	3.303	3.437	3.356	3.174	3.264	3.89
87) T	1,3-Dichlorobenze	1.690	1.776	1.712	1.674	1.640	1.568	1.677	4.18
88) T	1,4-Dichlorobenze	1.758	1.770	1.646	1.644	1.662	1.558	1.673	4.75
89) T	n-Butylbenzene	2.896	2.895	3.083	3.193	3.165	3.056	3.048	4.22
90) T	Hexachloroethane	0.588	0.571	0.577	0.589	0.595	0.573	0.582	1.65
91) T	1,2-Dichlorobenze	1.511	1.590	1.517	1.500	1.488	1.400	1.501	4.08
92) T	1,2-Dibromo-3-Chl	0.104	0.104	0.110	0.102	0.112	0.104	0.106	3.51
93) T	1,2,4-Trichlorobe	1.092	1.064	1.040	1.056	1.047	1.024	1.054	2.21
94) T	Hexachlorobutadie	0.723	0.685	0.622	0.626	0.625	0.582	0.644	7.88
95) T	Naphthalene	1.706	1.645	1.764	1.868	1.997	1.897	1.813	7.23
96) T	1,2,3-Trichlorobe	0.972	0.938	0.907	0.914	0.927	0.875	0.922	3.50

(#) = Out of Range