

Method Path : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\
 Method File : 82W042020S.M
 Title : SW846 8260
 Last Update : Mon Apr 20 14:36:48 2020
 Response Via : Initial Calibration

Calibration Files

10 =VW015217.D 5 =VW015216.D 20 =VW015218.D
 50 =VW015219.D 100 =VW015220.D 150 =VW015221.D

	Compound	10	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.417	0.367	0.409	0.386	0.399	0.390	0.395	4.51
3) P	Chloromethane	0.465	0.420	0.443	0.419	0.425	0.408	0.430	4.78
4) C	Vinyl Chloride	0.535	0.491	0.530	0.497	0.508	0.485	0.508	4.11#
5) T	Bromomethane	0.373	0.377	0.377	0.347	0.353	0.340	0.361	4.57
6) T	Chloroethane	0.339	0.346	0.316	0.297	0.303	0.287	0.315	7.53
7) T	Trichlorofluorome	0.741	0.703	0.758	0.670	0.715	0.723	0.718	4.25
8) T	Diethyl Ether	0.207	0.197	0.207	0.189	0.208	0.202	0.202	3.77
9) T	1,1,2-Trichlorotr	0.456	0.449	0.465	0.406	0.442	0.440	0.443	4.58
10) T	Methyl Iodide	0.414	0.333	0.470	0.490	0.551	0.535	0.465	17.41
11) T	Tert butyl alcoho	0.038	0.042	0.029	0.027	0.034	0.030	0.033	17.21
12) CM	1,1-Dichloroethen	0.443	0.427	0.451	0.392	0.426	0.420	0.426	4.83#
13) T	Acrolein	0.018	0.019	0.018	0.015	0.017	0.017	0.017	6.98
14) T	Allyl chloride	0.574	0.560	0.588	0.532	0.577	0.564	0.566	3.39
15) T	Acrylonitrile	0.080	0.076	0.073	0.071	0.083	0.077	0.077	5.93
16) T	Acetone	0.077	0.069	0.068	0.068	0.082	0.065	0.071	8.99
17) T	Carbon Disulfide	1.298	1.242	1.326	1.220	1.285	1.234	1.267	3.30
18) T	Methyl Acetate	0.189	0.224	0.176	0.167	0.196	0.182	0.189	10.65
19) T	Methyl tert-butyl	0.993	0.934	1.000	0.920	1.023	1.004	0.979	4.26
20) T	Methylene Chlorid	0.505	0.532	0.471	0.431	0.448	0.420	0.468	9.33
21) T	trans-1,2-Dichlor	0.487	0.478	0.508	0.454	0.492	0.482	0.484	3.68
22) T	Diisopropyl ether	1.079	1.056	1.125	1.030	1.130	1.093	1.085	3.59
23) T	Vinyl Acetate	0.649	0.587	0.654	0.602	0.677	0.652	0.637	5.44
24) P	1,1-Dichloroethan	0.741	0.738	0.791	0.710	0.770	0.763	0.752	3.80
25) T	2-Butanone	0.099	0.090	0.089	0.088	0.107	0.096	0.095	7.80
26) T	2,2-Dichloropropa	0.813	0.831	0.824	0.720	0.786	0.774	0.791	5.19
27) T	cis-1,2-Dichloroe	0.514	0.515	0.552	0.488	0.537	0.526	0.522	4.21
28) T	Bromochloromethan	0.266	0.287	0.276	0.269	0.277	0.265	0.273	3.12
29) T	Tetrahydrofuran	0.062	0.055	0.056	0.055	0.066	0.061	0.059	7.48
30) C	Chloroform	0.802	0.807	0.847	0.767	0.832	0.817	0.812	3.41#
31) T	Cyclohexane	0.807	0.891	0.799	0.676	0.694	0.670	0.756	11.90
32) T	1,1,1-Trichloroet	0.804	0.784	0.829	0.727	0.781	0.777	0.784	4.31
33) S	1,2-Dichloroethan	0.391	0.428	0.403	0.406	0.416	0.408	0.409	3.08
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.259	0.276	0.271	0.282	0.291	0.283	0.277	4.07
36) T	1,1-Dichloroprope	0.463	0.459	0.475	0.436	0.443	0.432	0.451	3.74
37) T	Ethyl Acetate	0.165	0.128	0.140	0.138	0.160	0.148	0.146	9.49
38) T	Carbon Tetrachlor	0.500	0.492	0.512	0.469	0.497	0.489	0.493	2.91
39) T	Methylcyclohexane	0.630	0.612	0.608	0.573	0.605	0.576	0.601	3.70
40) TM	Benzene	1.219	1.192	1.241	1.173	1.235	1.173	1.205	2.53
41) T	Methacrylonitrile	0.085	0.093	0.085	0.076	0.092	0.097	0.088	8.46
42) TM	1,2-Dichloroethan	0.360	0.340	0.357	0.338	0.374	0.360	0.355	3.81
43) T	Isopropyl Acetate	0.329	0.287	0.297	0.292	0.332	0.307	0.307	6.26
44) TM	Trichloroethene	0.383	0.360	0.386	0.356	0.372	0.354	0.369	3.72
45) C	1,2-Dichloropropa	0.291	0.273	0.292	0.269	0.287	0.271	0.280	3.74#
46) T	Dibromomethane	0.168	0.159	0.160	0.153	0.171	0.163	0.162	4.05
47) T	Bromodichlorometh	0.440	0.427	0.449	0.413	0.441	0.431	0.434	2.93
48) T	Methyl methacryla	0.156	0.141	0.132	0.144	0.154	0.144	0.145	5.84
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.003	0.002	0.002	14.68
50) S	Toluene-d8	1.141	1.270	1.108	1.194	1.162	1.115	1.165	5.15
51) T	4-Methyl-2-Pentan	0.153	0.138	0.133	0.137	0.159	0.146	0.144	7.15
52) CM	Toluene	0.861	0.835	0.841	0.822	0.876	0.827	0.844	2.49#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.423	0.418	0.427	0.415	0.454	0.428	0.427	3.26
54) T	cis-1,3-Dichlorop	0.502	0.481	0.510	0.480	0.515	0.492	0.497	2.94
55) T	1,1,2-Trichloroet	0.236	0.222	0.226	0.215	0.237	0.227	0.227	3.72
56) T	Ethyl methacrylat	0.303	0.278	0.279	0.281	0.320	0.294	0.293	5.73
57) T	1,3-Dichloropropa	0.385	0.362	0.377	0.361	0.395	0.376	0.376	3.50
58) T	2-Chloroethyl Vin	0.134	0.136	0.130	0.137	0.144	0.132	0.136	3.54
59) T	2-Hexanone	0.111	0.095	0.093	0.099	0.117	0.103	0.103	9.14
60) T	Dibromochlorometh	0.299	0.288	0.300	0.288	0.320	0.304	0.300	3.94
61) T	1,2-Dibromoethane	0.223	0.215	0.215	0.213	0.239	0.225	0.222	4.39
62) S	4-Bromofluorobenz	0.422	0.476	0.409	0.459	0.460	0.441	0.445	5.68
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.366	0.382	0.364	0.337	0.346	0.346	0.357	4.72
65) PM	Chlorobenzene	1.000	1.003	0.986	0.945	1.000	0.953	0.981	2.63
66) T	1,1,1,2-Tetrachlo	0.354	0.353	0.357	0.338	0.358	0.357	0.353	2.08
67) C	Ethyl Benzene	1.856	1.885	1.851	1.761	1.846	1.780	1.830	2.64#
68) T	m/p-Xylenes	0.725	0.721	0.724	0.703	0.729	0.700	0.717	1.72
69) T	o-Xylene	0.666	0.683	0.664	0.654	0.684	0.665	0.669	1.74
70) T	Styrene	1.130	1.119	1.134	1.120	1.193	1.150	1.141	2.45
71) P	Bromoform	0.197	0.193	0.193	0.190	0.214	0.204	0.199	4.62
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.606	3.668	3.588	3.238	3.427	3.273	3.467	5.25
74) T	N-amyl acetate	0.641	0.587	0.585	0.569	0.643	0.593	0.603	5.17
75) P	1,1,2,2-Tetrachlo	0.532	0.518	0.488	0.445	0.502	0.469	0.492	6.49
76) T	1,2,3-Trichloropr	0.411	0.399	0.380	0.353	0.400	0.378	0.387	5.34
77) T	Bromobenzene	0.800	0.832	0.801	0.768	0.804	0.773	0.796	2.93
78) T	n-propylbenzene	4.190	4.227	4.158	3.826	4.014	3.804	4.036	4.62
79) T	2-Chlorotoluene	2.348	2.335	2.327	2.169	2.287	2.183	2.275	3.49
80) T	1,3,5-Trimethylbe	3.016	3.115	3.050	2.842	3.030	2.864	2.986	3.64
81) T	trans-1,4-Dichlor	0.187	0.174	0.171	0.168	0.186	0.176	0.177	4.53
82) T	4-Chlorotoluene	2.465	2.492	2.474	2.310	2.442	2.309	2.415	3.45
83) T	tert-Butylbenzene	2.697	2.722	2.668	2.455	2.640	2.478	2.610	4.39
84) T	1,2,4-Trimethylbe	2.940	3.037	3.052	2.817	3.014	2.813	2.945	3.67
85) T	sec-Butylbenzene	3.707	3.762	3.704	3.428	3.627	3.401	3.605	4.27
86) T	p-Isopropyltoluen	3.420	3.424	3.437	3.247	3.406	3.162	3.349	3.45
87) T	1,3-Dichlorobenze	1.629	1.642	1.621	1.518	1.581	1.504	1.583	3.73
88) T	1,4-Dichlorobenze	1.580	1.593	1.579	1.488	1.569	1.499	1.551	2.94
89) T	n-Butylbenzene	3.092	3.063	3.124	2.955	3.152	2.984	3.061	2.55
90) T	Hexachloroethane	0.614	0.658	0.633	0.578	0.619	0.584	0.614	4.88
91) T	1,2-Dichlorobenze	1.411	1.394	1.359	1.316	1.431	1.339	1.375	3.23
92) T	1,2-Dibromo-3-Chl	0.100	0.085	0.082	0.084	0.096	0.088	0.089	8.24
93) T	1,2,4-Trichlorobe	0.957	0.918	0.917	0.925	1.032	0.987	0.956	4.85
94) T	Hexachlorobutadie	0.661	0.649	0.632	0.592	0.657	0.632	0.637	3.93
95) T	Naphthalene	1.569	1.440	1.393	1.505	1.707	1.611	1.538	7.50
96) T	1,2,3-Trichlorobe	0.798	0.750	0.724	0.756	0.824	0.813	0.778	5.11

(#) = Out of Range