

Method Path : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\
 Method File : 82W091419S.M
 Title : SW846 8260
 Last Update : Fri Sep 13 17:26:01 2019
 Response Via : Initial Calibration

Calibration Files

10 =VW012953.D 5 =VW012952.D 20 =VW012954.D
 50 =VW012955.D 100 =VW012956.D 150 =VW012957.D

	Compound	10	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.241	0.227	0.259	0.194	0.181	0.180	0.214	15.70
3) P	Chloromethane	0.357	0.291	0.290	0.248	0.231	0.223	0.273	18.34
4) C	Vinyl Chloride	0.443	0.348	0.384	0.338	0.329	0.306	0.358	13.60#
5) T	Bromomethane	0.262	0.241	0.227	0.204	0.194	0.182	0.219	13.90
6) T	Chloroethane	0.251	0.209	0.234	0.214	0.210	0.199	0.219	8.86
7) T	Trichlorofluorome	0.273	0.233	0.246	0.254	0.252	0.243	0.250	5.33
8) T	Diethyl Ether	0.235	0.195	0.185	0.193	0.185	0.178	0.195	10.44
9) T	1,1,2-Trichlorotr	0.434	0.411	0.368	0.374	0.356	0.334	0.380	9.68
10) T	Methyl Iodide	0.542	0.439	0.494	0.479	0.461	0.435	0.475	8.39
11) T	Tert butyl alcoho	0.043	0.048	0.033	0.033	0.030	0.029	0.036	21.48
12) CM	1,1-Dichloroethen	0.391	0.347	0.347	0.341	0.332	0.313	0.345	7.47#
13) T	Acrolein	0.040	0.024	0.034	0.036	0.034	0.033	0.034	16.45
14) T	Allyl chloride	0.731	0.630	0.644	0.663	0.650	0.614	0.655	6.20
15) T	Acrylonitrile	0.116	0.097	0.094	0.101	0.097	0.095	0.100	8.15
16) T	Acetone	0.128	0.132	0.094	0.109	0.103	0.091	0.110	15.67
17) T	Carbon Disulfide	0.861	0.609	0.735	0.660	0.650	0.612	0.688	14.02
18) T	Methyl Acetate	0.281	0.322	0.237	0.249	0.246	0.244	0.263	12.45
19) T	Methyl tert-butyl	0.788	0.676	0.656	0.701	0.650	0.617	0.681	8.67
20) T	Methylene Chlorid	0.531	0.557	0.420	0.393	0.363	0.341	0.434	20.59
21) T	trans-1,2-Dichlor	0.423	0.383	0.359	0.373	0.351	0.329	0.370	8.71
22) T	Diisopropyl ether	1.518	1.349	1.319	1.399	1.325	1.258	1.361	6.57
23) T	Vinyl Acetate	0.919	0.741	0.763	0.858	0.819	0.792	0.815	8.04
24) P	1,1-Dichloroethan	0.891	0.809	0.761	0.781	0.751	0.716	0.785	7.72
25) T	2-Butanone	0.173	0.153	0.136	0.147	0.139	0.133	0.147	9.95
26) T	2,2-Dichloropropa	0.662	0.664	0.527	0.535	0.493	0.459	0.556	15.57
27) T	cis-1,2-Dichloroe	0.502	0.447	0.431	0.442	0.425	0.408	0.443	7.23
28) T	Bromochloromethan	0.338	0.347	0.302	0.333	0.339	0.323	0.330	4.78
29) T	Tetrahydrofuran	0.097	0.079	0.078	0.086	0.082	0.081	0.084	8.40
30) C	Chloroform	0.900	0.856	0.769	0.795	0.753	0.711	0.797	8.73#
31) T	Cyclohexane	0.797	0.824	0.655	0.614	0.574	0.549	0.669	17.31
32) T	1,1,1-Trichloroet	0.739	0.677	0.638	0.656	0.637	0.594	0.657	7.42
33) S	1,2-Dichloroethan	0.489	0.485	0.431	0.481	0.449	0.435	0.462	5.74

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.280	0.287	0.258	0.283	0.269	0.251	0.271	5.32
36) T	1,1-Dichloroprope	0.456	0.407	0.394	0.401	0.383	0.357	0.400	8.19
37) T	Ethyl Acetate	0.246	0.217	0.196	0.212	0.206	0.195	0.212	8.87
38) T	Carbon Tetrachlor	0.448	0.409	0.402	0.416	0.406	0.375	0.409	5.79
39) T	Methylcyclohexane	0.508	0.421	0.444	0.437	0.422	0.396	0.438	8.70
40) TM	Benzene	1.272	1.116	1.098	1.135	1.077	0.995	1.115	8.12
41) T	Methacrylonitrile	0.164	0.140	0.132	0.141	0.133	0.129	0.140	8.98
42) TM	1,2-Dichloroethan	0.427	0.385	0.355	0.380	0.360	0.337	0.374	8.43
43) T	Isopropyl Acetate	0.465	0.393	0.361	0.420	0.409	0.394	0.407	8.54
44) TM	Trichloroethene	0.354	0.310	0.296	0.305	0.294	0.273	0.306	8.85
45) C	1,2-Dichloropropa	0.333	0.301	0.283	0.306	0.287	0.268	0.296	7.50#
46) T	Dibromomethane	0.162	0.141	0.134	0.146	0.138	0.131	0.142	7.68
47) T	Bromodichlorometh	0.439	0.385	0.371	0.417	0.401	0.376	0.398	6.58
48) T	Methyl methacryla	0.215	0.173	0.173	0.196	0.197	0.192	0.191	8.27
49) T	1,4-Dioxane	0.003	0.002	0.002	0.002	0.002	0.002	0.002	5.96
50) S	Toluene-d8	1.057	1.093	0.974	1.148	1.080	1.017	1.062	5.73
51) T	4-Methyl-2-Pentan	0.243	0.200	0.191	0.217	0.209	0.201	0.210	8.78
52) CM	Toluene	0.793	0.699	0.689	0.730	0.695	0.647	0.709	6.95#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.427	0.382	0.369	0.420	0.411	0.394	0.401	5.67
54) T	cis-1,3-Dichlorop	0.499	0.430	0.430	0.478	0.468	0.443	0.458	6.17
55) T	1,1,2-Trichloroet	0.241	0.219	0.206	0.220	0.211	0.201	0.216	6.48
56) T	Ethyl methacrylat	0.319	0.258	0.263	0.309	0.306	0.291	0.291	8.65
57) T	1,3-Dichloropropa	0.424	0.386	0.361	0.397	0.379	0.354	0.384	6.64
58) T	2-Chloroethyl Vin	0.155	0.147	0.151	0.160	0.164	0.159	0.156	3.90
59) T	2-Hexanone	0.169	0.136	0.131	0.154	0.149	0.139	0.146	9.66
60) T	Dibromochlorometh	0.279	0.259	0.240	0.276	0.265	0.250	0.261	5.78
61) T	1,2-Dibromoethane	0.221	0.191	0.189	0.205	0.194	0.185	0.197	6.76
62) S	4-Bromofluorobenz	0.387	0.419	0.364	0.397	0.372	0.351	0.382	6.42
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.343	0.309	0.288	0.297	0.286	0.261	0.297	9.21
65) PM	Chlorobenzene	0.982	0.960	0.849	0.892	0.854	0.806	0.891	7.70
66) T	1,1,1,2-Tetrachlo	0.371	0.357	0.318	0.351	0.338	0.314	0.341	6.60
67) C	Ethyl Benzene	1.805	1.649	1.582	1.707	1.618	1.507	1.645	6.27#
68) T	m/p-Xylenes	0.669	0.587	0.587	0.625	0.586	0.552	0.601	6.76
69) T	o-Xylene	0.611	0.562	0.544	0.583	0.558	0.521	0.563	5.52
70) T	Styrene	1.099	0.972	0.968	1.042	0.998	0.933	1.002	5.97
71) P	Bromoform	0.193	0.171	0.165	0.190	0.183	0.174	0.179	6.21
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.565	3.253	3.182	3.432	3.316	3.137	3.314	4.85
74) T	N-amyl acetate	0.905	0.804	0.778	0.885	0.881	0.863	0.853	5.91
75) P	1,1,2,2-Tetrachlo	0.645	0.588	0.530	0.605	0.572	0.552	0.582	7.01
76) T	1,2,3-Trichloropr	0.470	0.492	0.351	0.392	0.472	0.451	0.438	12.52
77) T	Bromobenzene	0.818	0.799	0.712	0.776	0.761	0.715	0.763	5.66
78) T	n-propylbenzene	4.203	3.894	3.689	4.065	3.868	3.672	3.898	5.34
79) T	2-Chlorotoluene	2.408	2.289	2.125	2.303	2.209	2.113	2.241	5.09
80) T	1,3,5-Trimethylbe	3.035	2.867	2.712	2.874	2.747	2.588	2.804	5.53
81) T	trans-1,4-Dichlor	0.198	0.186	0.173	0.201	0.201	0.200	0.193	5.94
82) T	4-Chlorotoluene	2.553	2.479	2.194	2.458	2.314	2.190	2.365	6.54
83) T	tert-Butylbenzene	2.663	2.590	2.377	2.603	2.476	2.338	2.508	5.25
84) T	1,2,4-Trimethylbe	2.977	2.804	2.679	2.872	2.722	2.570	2.771	5.23
85) T	sec-Butylbenzene	3.694	3.520	3.231	3.544	3.344	3.168	3.417	5.92
86) T	p-Isopropyltoluen	3.327	3.205	2.994	3.256	3.107	2.932	3.137	4.90
87) T	1,3-Dichlorobenze	1.643	1.650	1.414	1.524	1.457	1.380	1.511	7.61
88) T	1,4-Dichlorobenze	1.609	1.614	1.384	1.520	1.426	1.359	1.485	7.54
89) T	n-Butylbenzene	3.151	2.985	2.806	3.088	2.925	2.795	2.958	4.92
90) T	Hexachloroethane	0.584	0.591	0.517	0.574	0.567	0.539	0.562	5.03
91) T	1,2-Dichlorobenze	1.443	1.434	1.246	1.339	1.292	1.222	1.329	7.03
92) T	1,2-Dibromo-3-Chl	0.121	0.111	0.096	0.105	0.104	0.103	0.107	8.15
93) T	1,2,4-Trichlorobe	0.997	0.935	0.881	0.974	0.966	0.935	0.948	4.28
94) T	Hexachlorobutadie	0.745	0.740	0.647	0.663	0.630	0.601	0.671	8.84
95) T	Naphthalene	1.601	1.351	1.402	1.706	1.727	1.715	1.584	10.58
96) T	1,2,3-Trichlorobe	0.878	0.854	0.783	0.851	0.839	0.822	0.838	3.91

(#) = Out of Range