

Method Path : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\
 Method File : 82W091618S.M
 Title : SW846 8260
 Last Update : Sat Sep 15 02:32:34 2018
 Response Via : Initial Calibration

Calibration Files

10 =VW005401.D 5 =VW005400.D 20 =VW005402.D
 50 =VW005403.D 100 =VW005405.D 150 =VW005406.D

	Compound	10	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.549	0.557	0.549	0.427	0.403	0.401	0.481	16.29
3) P	Chloromethane	0.642	0.668	0.649	0.541	0.514	0.527	0.590	11.84
4) C	Vinyl Chloride	0.591	0.613	0.594	0.516	0.500	0.502	0.553	9.40#
5) T	Bromomethane	0.457	0.563	0.444	0.343	0.310	0.313	0.405	24.80
6) T	Chloroethane	0.348	0.367	0.341	0.312	0.299	0.298	0.328	8.71
7) T	Trichlorofluorome	0.779	0.833	0.787	0.677	0.653	0.666	0.732	10.44
8) T	Diethyl Ether	0.216	0.238	0.230	0.202	0.205	0.216	0.218	6.39
9) T	1,1,2-Trichlorotr	0.450	0.490	0.455	0.391	0.381	0.396	0.427	10.33
10) T	Methyl Iodide	0.325	0.242	0.469	0.534	0.566	0.577	0.452	30.60
11) T	Tert butyl alcoho	0.042	0.052	0.038	0.030	0.030	0.030	0.037	24.55
12) CM	1,1-Dichloroethen	0.387	0.428	0.412	0.357	0.359	0.378	0.387	7.39#
13) T	Acrolein	0.025	0.029	0.029	0.020	0.020	0.023	0.024	16.47
14) T	Allyl chloride	0.710	0.754	0.742	0.684	0.696	0.733	0.720	3.84
15) T	Acrylonitrile	0.099	0.104	0.108	0.095	0.094	0.098	0.100	5.25
16) T	Acetone	0.090	0.110	0.089	0.075	0.072	0.071	0.085	18.00
17) T	Carbon Disulfide	1.371	1.502	1.392	1.263	1.296	1.352	1.363	6.13
18) T	Methyl Acetate	0.240	0.289	0.260	0.235	0.228	0.244	0.249	8.85
19) T	Methyl tert-butyl	1.013	1.036	1.118	1.029	1.039	1.067	1.050	3.58
20) T	Methylene Chlorid	0.706	0.938	0.622	0.528	0.491	0.472	0.626	28.17
21) T	trans-1,2-Dichlor	0.473	0.505	0.489	0.425	0.430	0.449	0.462	7.03
22) T	Diisopropyl ether	1.386	1.318	1.508	1.439	1.397	1.441	1.415	4.52
23) T	Vinyl Acetate	0.777	0.770	0.875	0.809	0.787	0.820	0.806	4.78
24) P	1,1-Dichloroethan	0.888	0.916	0.903	0.811	0.798	0.836	0.859	5.85
25) T	2-Butanone	0.132	0.136	0.138	0.120	0.110	0.113	0.125	9.49
26) T	2,2-Dichloropropa	0.809	0.902	0.805	0.725	0.683	0.698	0.770	10.83
27) T	cis-1,2-Dichloroe	0.502	0.543	0.526	0.473	0.472	0.500	0.503	5.62
28) T	Bromochloromethan	0.353	0.401	0.341	0.306	0.292	0.311	0.334	11.98
29) T	Tetrahydrofuran	0.077	0.084	0.088	0.077	0.074	0.077	0.080	6.60
30) C	Chloroform	0.918	0.995	0.923	0.832	0.814	0.854	0.889	7.67#
31) T	Cyclohexane	0.839	0.976	0.862	0.767	0.771	0.755	0.828	10.17
32) T	1,1,1-Trichloroet	0.851	0.907	0.887	0.801	0.757	0.759	0.827	7.81
33) S	1,2-Dichloroethan	0.554	0.599	0.535	0.487	0.465	0.473	0.519	10.19
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.288	0.305	0.293	0.270	0.261	0.266	0.280	6.29
36) T	1,1-Dichloroprope	0.483	0.484	0.504	0.460	0.458	0.449	0.473	4.38
37) T	Ethyl Acetate	0.191	0.206	0.217	0.183	0.177	0.180	0.192	8.26
38) T	Carbon Tetrachlor	0.512	0.536	0.535	0.470	0.457	0.450	0.493	7.92
39) T	Methylcyclohexane	0.539	0.535	0.562	0.547	0.553	0.562	0.550	2.10
40) TM	Benzene	1.398	1.436	1.431	1.341	1.314	1.305	1.371	4.26
41) T	Methacrylonitrile	0.125	0.108	0.122	0.112	0.111	0.119	0.116	5.78
42) TM	1,2-Dichloroethan	0.460	0.469	0.464	0.405	0.382	0.393	0.429	9.23
43) T	Isopropyl Acetate	0.376	0.383	0.398	0.366	0.360	0.371	0.376	3.56
44) TM	Trichloroethene	0.369	0.359	0.376	0.339	0.338	0.336	0.353	4.96
45) C	1,2-Dichloropropa	0.327	0.343	0.354	0.318	0.312	0.310	0.327	5.46#
46) T	Dibromomethane	0.171	0.167	0.176	0.154	0.147	0.153	0.161	7.25
47) T	Bromodichlorometh	0.454	0.454	0.465	0.425	0.410	0.411	0.436	5.58
48) T	Methyl methacryla	0.174	0.182	0.193	0.191	0.191	0.194	0.187	4.17
49) T	1,4-Dioxane	0.003	0.003	0.003	0.003	0.003	0.002	0.003	4.59
50) S	Toluene-d8	1.334	1.322	1.306	1.289	1.245	1.208	1.284	3.77
51) T	4-Methyl-2-Pentan	0.195	0.188	0.207	0.196	0.187	0.186	0.193	4.11
52) CM	Toluene	0.941	0.927	0.980	0.931	0.895	0.895	0.928	3.43#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.429	0.422	0.457	0.431	0.436	0.446	0.437	2.84
54) T	cis-1,3-Dichlorop	0.488	0.480	0.528	0.485	0.490	0.495	0.495	3.48
55) T	1,1,2-Trichloroet	0.252	0.267	0.250	0.224	0.220	0.223	0.239	8.27
56) T	Ethyl methacrylat	0.285	0.272	0.319	0.313	0.312	0.317	0.303	6.51
57) T	1,3-Dichloropropa	0.422	0.417	0.447	0.404	0.392	0.398	0.413	4.87
58) T	2-Chloroethyl Vin	0.130	0.124	0.148	0.134	0.143	0.144	0.137	6.82
59) T	2-Hexanone	0.129	0.125	0.141	0.138	0.130	0.127	0.132	4.96
60) T	Dibromochlorometh	0.282	0.303	0.305	0.279	0.278	0.282	0.288	4.33
61) T	1,2-Dibromoethane	0.221	0.224	0.225	0.208	0.204	0.206	0.215	4.51
62) S	4-Bromofluorobenz	0.486	0.480	0.494	0.481	0.450	0.434	0.471	4.95
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.373	0.374	0.385	0.364	0.368	0.355	0.370	2.73
65) PM	Chlorobenzene	1.092	1.105	1.113	1.041	1.003	1.013	1.061	4.54
66) T	1,1,1,2-Tetrachlo	0.343	0.352	0.346	0.334	0.327	0.333	0.339	2.82
67) C	Ethyl Benzene	1.815	1.805	1.943	1.891	1.869	1.875	1.866	2.72#
68) T	m/p-Xylenes	0.713	0.690	0.756	0.730	0.706	0.714	0.718	3.16
69) T	o-Xylene	0.647	0.641	0.700	0.684	0.669	0.673	0.669	3.32
70) T	Styrene	1.076	0.999	1.163	1.148	1.121	1.114	1.104	5.40
71) P	Bromoform	0.180	0.180	0.188	0.178	0.175	0.177	0.179	2.48
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.290	3.217	3.547	3.545	3.678	3.771	3.508	6.16
74) T	N-amyl acetate	0.692	0.670	0.745	0.752	0.785	0.790	0.739	6.59
75) P	1,1,2,2-Tetrachlo	0.512	0.524	0.522	0.500	0.501	0.512	0.512	1.99
76) T	1,2,3-Trichloropr	0.460	0.411	0.480	0.372	0.372	0.373	0.411	11.77
77) T	Bromobenzene	0.812	0.855	0.840	0.823	0.822	0.824	0.829	1.88
78) T	n-propylbenzene	4.014	3.895	4.329	4.318	4.370	4.474	4.234	5.34
79) T	2-Chlorotoluene	2.416	2.396	2.555	2.510	2.543	2.566	2.498	2.95
80) T	1,3,5-Trimethylbe	2.885	2.746	3.180	3.172	3.160	3.221	3.061	6.41
81) T	trans-1,4-Dichlor	0.148	0.151	0.162	0.160	0.162	0.168	0.159	4.62
82) T	4-Chlorotoluene	2.577	2.524	2.747	2.655	2.639	2.679	2.637	2.96
83) T	tert-Butylbenzene	2.387	2.305	2.600	2.620	2.654	2.686	2.542	6.17
84) T	1,2,4-Trimethylbe	2.951	2.793	3.247	3.226	3.194	3.233	3.107	6.11
85) T	sec-Butylbenzene	3.544	3.411	3.750	3.753	3.767	3.815	3.673	4.34
86) T	p-Isopropyltoluen	3.133	2.933	3.389	3.407	3.404	3.444	3.285	6.28
87) T	1,3-Dichlorobenze	1.686	1.760	1.735	1.660	1.634	1.617	1.682	3.35
88) T	1,4-Dichlorobenze	1.669	1.746	1.705	1.652	1.591	1.574	1.656	3.98
89) T	n-Butylbenzene	2.871	2.840	3.121	3.188	3.162	3.172	3.059	5.21
90) T	Hexachloroethane	0.537	0.561	0.563	0.566	0.573	0.577	0.563	2.50
91) T	1,2-Dichlorobenze	1.483	1.530	1.517	1.482	1.417	1.390	1.470	3.77
92) T	1,2-Dibromo-3-Chl	0.107	0.103	0.101	0.095	0.091	0.092	0.098	6.61
93) T	1,2,4-Trichlorobe	0.962	0.936	0.996	1.028	0.976	0.986	0.981	3.18
94) T	Hexachlorobutadie	0.647	0.645	0.667	0.661	0.621	0.601	0.640	3.94
95) T	Naphthalene	1.456	1.412	1.621	1.720	1.778	1.817	1.634	10.33
96) T	1,2,3-Trichlorobe	0.819	0.827	0.875	0.888	0.860	0.867	0.856	3.20

(#) = Out of Range