

Method Path : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\
 Method File : 82W050919S.M
 Title : SW846 8260
 Last Update : Fri May 10 03:41:21 2019
 Response Via : Initial Calibration

Calibration Files

10 =VW010331.D 5 =VW010330.D 20 =VW010332.D
 50 =VW010333.D 100 =VW010334.D 150 =VW010335.D

	Compound	10	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.349	0.584	0.356	0.374	0.380	0.389	0.405	21.90
3) P	Chloromethane	0.466	0.607	0.471	0.477	0.506	0.545	0.512	10.77
4) C	Vinyl Chloride	0.604	0.732	0.614	0.609	0.619	0.639	0.636	7.62#
5) T	Bromomethane	0.358	0.440	0.347	0.348	0.348	0.361	0.367	9.88
6) T	Chloroethane	0.349	0.392	0.354	0.362	0.370	0.381	0.368	4.45
7) T	Trichlorofluorome	0.294	0.320	0.300	0.310	0.329	0.357	0.318	7.21
8) T	Diethyl Ether	0.283	0.300	0.282	0.272	0.265	0.278	0.280	4.29
9) T	1,1,2-Trichlorotr	0.521	0.588	0.517	0.498	0.499	0.508	0.522	6.43
10) T	Methyl Iodide	0.718	0.806	0.722	0.713	0.721	0.753	0.739	4.85
11) T	Tert butyl alcoho	0.037	0.037	0.038	0.037	0.036	0.040	0.038	3.55
12) CM	1,1-Dichloroethen	0.543	0.586	0.531	0.524	0.533	0.555	0.545	4.11#
13) T	Acrolein	0.049	0.053	0.051	0.051	0.047	0.047	0.050	4.88
14) T	Allyl chloride	0.791	0.856	0.779	0.803	0.811	0.842	0.814	3.67
15) T	Acrylonitrile	0.151	0.158	0.156	0.154	0.150	0.161	0.155	2.77
16) T	Acetone	0.130	0.139	0.133	0.149	0.136	0.145	0.139	5.19
17) T	Carbon Disulfide	1.574	1.805	1.586	1.603	1.632	1.693	1.649	5.31
18) T	Methyl Acetate	0.336	0.357	0.353	0.334	0.318	0.361	0.343	4.81
19) T	Methyl tert-butyl	0.620	0.614	0.665	0.660	0.649	0.685	0.649	4.24
20) T	Methylene Chlorid	0.591	0.733	0.565	0.523	0.516	0.539	0.578	13.94
21) T	trans-1,2-Dichlor	0.578	0.619	0.586	0.577	0.571	0.590	0.587	2.91
22) T	Diisopropyl ether	1.583	1.475	1.659	1.601	1.563	1.596	1.579	3.82
23) T	Vinyl Acetate	1.012	0.965	1.124	1.133	1.116	1.157	1.085	7.12
24) P	1,1-Dichloroethan	1.070	1.116	1.064	1.036	1.028	1.067	1.063	2.93
25) T	2-Butanone	0.198	0.191	0.216	0.219	0.214	0.233	0.212	7.13
26) T	2,2-Dichloropropa	0.535	0.572	0.533	0.520	0.504	0.510	0.529	4.59
27) T	cis-1,2-Dichloroe	0.587	0.609	0.599	0.598	0.600	0.627	0.604	2.23
28) T	Bromochloromethan	0.450	0.335	0.445	0.375	0.367	0.381	0.392	11.66
29) T	Tetrahydrofuran	0.126	0.126	0.143	0.141	0.138	0.150	0.137	7.09
30) C	Chloroform	1.011	1.038	1.011	0.973	0.955	0.983	0.995	3.03#
31) T	Cyclohexane	1.102	1.258	1.059	1.031	1.036	1.047	1.089	7.97
32) T	1,1,1-Trichloroet	0.780	0.832	0.758	0.749	0.741	0.764	0.771	4.26
33) S	1,2-Dichloroethan	0.547	0.525	0.543	0.537	0.505	0.532	0.532	2.90

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.296	0.288	0.299	0.300	0.280	0.293	0.293	2.64
36) T	1,1-Dichloroprope	0.535	0.566	0.540	0.538	0.532	0.541	0.542	2.25
37) T	Ethyl Acetate	0.270	0.271	0.305	0.295	0.286	0.306	0.289	5.53
38) T	Carbon Tetrachlor	0.460	0.497	0.451	0.458	0.456	0.467	0.465	3.53
39) T	Methylcyclohexane	0.631	0.644	0.633	0.678	0.694	0.699	0.663	4.62
40) TM	Benzene	1.506	1.558	1.484	1.460	1.446	1.454	1.485	2.84
41) T	Methacrylonitrile	0.146	0.140	0.162	0.170	0.170	0.183	0.162	10.06
42) TM	1,2-Dichloroethan	0.427	0.445	0.430	0.418	0.409	0.422	0.425	2.83
43) T	Isopropyl Acetate	0.434	0.436	0.483	0.488	0.496	0.535	0.479	7.97
44) TM	Trichloroethene	0.368	0.391	0.364	0.367	0.367	0.373	0.372	2.69
45) C	1,2-Dichloropropa	0.371	0.379	0.368	0.364	0.363	0.369	0.369	1.59#
46) T	Dibromomethane	0.194	0.197	0.191	0.187	0.184	0.191	0.191	2.45
47) T	Bromodichlorometh	0.445	0.468	0.459	0.451	0.453	0.469	0.457	2.11
48) T	Methyl methacryla	0.198	0.198	0.225	0.238	0.239	0.259	0.226	10.76
49) T	1,4-Dioxane	0.003	0.003	0.003	0.004	0.003	0.004	0.003	8.04
50) S	Toluene-d8	1.204	1.122	1.218	1.250	1.162	1.192	1.191	3.77
51) T	4-Methyl-2-Pentan	0.255	0.240	0.287	0.289	0.280	0.295	0.275	7.92
52) CM	Toluene	0.894	0.908	0.920	0.910	0.904	0.907	0.907	0.93#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.436	0.416	0.464	0.476	0.482	0.505	0.463	6.98
54) T	cis-1,3-Dichlorop	0.518	0.517	0.550	0.556	0.565	0.587	0.549	4.99
55) T	1,1,2-Trichloroet	0.269	0.286	0.272	0.265	0.261	0.271	0.271	3.21
56) T	Ethyl methacrylat	0.314	0.287	0.358	0.377	0.394	0.416	0.358	13.73
57) T	1,3-Dichloropropa	0.474	0.483	0.493	0.486	0.476	0.492	0.484	1.62
58) T	2-Chloroethyl Vin	0.155	0.140	0.186	0.172	0.182	0.193	0.171	11.88
59) T	2-Hexanone	0.174	0.162	0.202	0.208	0.202	0.217	0.194	11.07
60) T	Dibromochlorometh	0.282	0.284	0.291	0.291	0.294	0.306	0.291	2.89
61) T	1,2-Dibromoethane	0.258	0.255	0.263	0.259	0.257	0.267	0.260	1.74
62) S	4-Bromofluorobenz	0.398	0.427	0.417	0.436	0.412	0.427	0.419	3.22
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.353	0.363	0.338	0.343	0.348	0.353	0.349	2.51
65) PM	Chlorobenzene	1.034	1.084	1.031	1.016	1.014	1.031	1.035	2.47
66) T	1,1,1,2-Tetrachlo	0.342	0.357	0.349	0.345	0.349	0.356	0.350	1.74
67) C	Ethyl Benzene	1.858	1.857	1.896	1.946	1.935	1.932	1.904	2.09#
68) T	m/p-Xylenes	0.690	0.669	0.714	0.726	0.722	0.724	0.707	3.22
69) T	o-Xylene	0.608	0.584	0.632	0.661	0.672	0.683	0.640	6.08
70) T	Stvrene	1.051	0.990	1.134	1.170	1.168	1.178	1.115	6.96
71) P	Bromoform	0.194	0.195	0.198	0.198	0.202	0.213	0.200	3.53
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.449	3.321	3.581	3.775	3.856	3.885	3.644	6.34
74) T	N-amyl acetate	0.819	0.757	0.933	0.979	1.035	1.126	0.942	14.49
75) P	1,1,2,2-Tetrachlo	0.810	0.808	0.792	0.791	0.786	0.831	0.803	2.11
76) T	1,2,3-Trichloropr	0.572	0.583	0.588	0.576	0.576	0.603	0.583	1.97
77) T	Bromobenzene	0.800	0.814	0.809	0.814	0.834	0.867	0.823	2.94
78) T	n-propylbenzene	4.325	4.258	4.503	4.664	4.656	4.602	4.501	3.86
79) T	2-Chlorotoluene	2.489	2.513	2.519	2.568	2.618	2.674	2.563	2.78
80) T	1,3,5-Trimethylbe	2.944	2.784	3.110	3.177	3.208	3.212	3.073	5.63
81) T	trans-1,4-Dichlor	0.229	0.227	0.246	0.262	0.277	0.307	0.258	11.90
82) T	4-Chlorotoluene	2.656	2.601	2.685	2.695	2.719	2.759	2.686	2.02
83) T	tert-Butylbenzene	2.384	2.301	2.486	2.644	2.818	2.744	2.563	8.01
84) T	1,2,4-Trimethylbe	2.952	2.762	3.099	3.146	3.169	3.192	3.053	5.45
85) T	sec-Butylbenzene	3.641	3.527	3.737	3.924	3.964	3.906	3.783	4.66
86) T	p-Isopropyltoluen	3.162	3.042	3.354	3.527	3.546	3.523	3.359	6.38
87) T	1,3-Dichlorobenze	1.636	1.674	1.620	1.632	1.637	1.660	1.643	1.21
88) T	1,4-Dichlorobenze	1.628	1.720	1.612	1.601	1.593	1.631	1.631	2.84
89) T	n-Butylbenzene	3.177	3.103	3.330	3.521	3.556	3.522	3.368	5.80
90) T	Hexachloroethane	0.590	0.630	0.592	0.622	0.644	0.660	0.623	4.46
91) T	1,2-Dichlorobenze	1.463	1.461	1.463	1.438	1.436	1.466	1.455	0.95
92) T	1,2-Dibromo-3-Chl	0.135	0.142	0.146	0.142	0.143	0.159	0.145	5.50
93) T	1,2,4-Trichlorobe	0.914	0.902	0.989	1.027	1.039	1.086	0.993	7.32
94) T	Hexachlorobutadie	0.605	0.644	0.617	0.645	0.649	0.659	0.636	3.26
95) T	Naphthalene	1.690	1.632	1.994	2.193	2.264	2.433	2.034	15.84
96) T	1,2,3-Trichlorobe	0.820	0.817	0.921	0.917	0.934	0.972	0.897	7.11

(#) = Out of Range