

Method Path : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\
 Method File : 82W100819S.M
 Title : SW846 8260
 Last Update : Wed Oct 09 05:54:09 2019
 Response Via : Initial Calibration

Calibration Files

10 =VW013479.D 5 =VW013478.D 20 =VW013480.D
 50 =VW013481.D 100 =VW013482.D 150 =VW013483.D

	Compound	10	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.159	0.148	0.181	0.164	0.163	0.178	0.166	7.34
3) P	Chloromethane	0.320	0.315	0.314	0.277	0.265	0.256	0.291	9.73
4) C	Vinyl Chloride	0.455	0.426	0.460	0.425	0.407	0.403	0.429	5.55#
5) T	Bromomethane	0.268	0.274	0.252	0.254	0.251	0.238	0.256	5.06
6) T	Chloroethane	0.249	0.251	0.240	0.239	0.236	0.232	0.241	3.08
7) T	Trichlorofluorome	0.196	0.203	0.191	0.221	0.203	0.206	0.203	5.03
8) T	Diethyl Ether	0.213	0.208	0.212	0.202	0.216	0.211	0.210	2.29
9) T	1,1,2-Trichlorotr	0.443	0.415	0.440	0.415	0.395	0.404	0.419	4.54
10) T	Methyl Iodide	0.702	0.657	0.666	0.659	0.663	0.632	0.663	3.38
11) T	Tert butyl alcoho	0.036	0.032	0.043	0.028	0.027	0.030	0.033	18.44
12) CM	1,1-Dichloroethen	0.453	0.435	0.440	0.427	0.427	0.423	0.434	2.56#
13) T	Acrolein	0.037	0.008	0.041	0.034	0.034	0.035	0.031	36.81
14) T	Allyl chloride	0.686	0.654	0.674	0.657	0.677	0.654	0.667	2.04
15) T	Acrylonitrile	0.100	0.091	0.112	0.092	0.093	0.102	0.098	8.28
16) T	Acetone	0.085	0.092	0.095	0.089	0.084	0.094	0.090	5.15
17) T	Carbon Disulfide	1.267	1.206	1.220	1.212	1.210	1.193	1.218	2.11
18) T	Methyl Acetate	0.241	0.300	0.274	0.224	0.246	0.260	0.258	10.42
19) T	Methyl tert-butyl	0.677	0.660	0.678	0.640	0.647	0.635	0.656	2.84
20) T	Methylene Chlorid	0.558	0.638	0.505	0.431	0.434	0.405	0.495	18.17
21) T	trans-1,2-Dichlor	0.479	0.457	0.470	0.456	0.460	0.445	0.461	2.58
22) T	Diisopropyl ether	1.287	1.244	1.239	1.230	1.283	1.214	1.249	2.36
23) T	Vinyl Acetate	0.764	0.675	0.790	0.737	0.761	0.774	0.750	5.45
24) P	1,1-Dichloroethan	0.794	0.778	0.760	0.743	0.768	0.739	0.764	2.76
25) T	2-Butanone	0.129	0.137	0.151	0.125	0.121	0.133	0.132	8.06
26) T	2,2-Dichloropropa	0.513	0.585	0.502	0.471	0.450	0.433	0.492	11.06
27) T	cis-1,2-Dichloroe	0.514	0.480	0.486	0.479	0.496	0.472	0.488	3.05
28) T	Bromochloromethan	0.217	0.288	0.217	0.288	0.328	0.296	0.272	16.59
29) T	Tetrahydrofuran	0.080	0.074	0.094	0.077	0.077	0.085	0.081	8.98
30) C	Chloroform	0.775	0.756	0.729	0.724	0.740	0.708	0.739	3.27#
31) T	Cyclohexane	0.874	0.921	0.815	0.759	0.733	0.748	0.808	9.41
32) T	1,1,1-Trichloroet	0.625	0.586	0.615	0.592	0.600	0.585	0.600	2.72
33) S	1,2-Dichloroethan	0.382	0.398	0.381	0.369	0.404	0.384	0.386	3.34

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.266	0.284	0.277	0.280	0.294	0.275	0.279	3.37
36) T	1,1-Dichloroprope	0.469	0.453	0.475	0.449	0.438	0.430	0.452	3.86
37) T	Ethyl Acetate	0.206	0.214	0.235	0.191	0.185	0.201	0.205	8.65
38) T	Carbon Tetrachlor	0.417	0.381	0.414	0.408	0.392	0.393	0.401	3.49
39) T	Methylcyclohexane	0.609	0.555	0.619	0.591	0.563	0.580	0.586	4.32
40) TM	Benzene	1.309	1.269	1.303	1.254	1.243	1.199	1.263	3.25
41) T	Methacrylonitrile	0.125	0.100	0.127	0.111	0.112	0.125	0.117	9.16
42) TM	1,2-Dichloroethan	0.330	0.313	0.329	0.314	0.318	0.312	0.319	2.55
43) T	Isopropyl Acetate	0.372	0.347	0.405	0.357	0.361	0.383	0.371	5.56
44) TM	Trichloroethene	0.371	0.353	0.371	0.361	0.357	0.348	0.360	2.63
45) C	1,2-Dichloropropa	0.316	0.292	0.311	0.299	0.306	0.293	0.303	3.27#
46) T	Dibromomethane	0.152	0.148	0.161	0.146	0.148	0.150	0.151	3.61
47) T	Bromodichlorometh	0.379	0.367	0.367	0.375	0.387	0.376	0.375	2.01
48) T	Methyl methacryla	0.168	0.175	0.201	0.176	0.182	0.194	0.183	6.88
49) T	1,4-Dioxane	0.003	0.003	0.003	0.003	0.002	0.003	0.003	11.85
50) S	Toluene-d8	1.117	1.196	1.169	1.168	1.229	1.162	1.174	3.18
51) T	4-Methyl-2-Pentan	0.191	0.195	0.223	0.184	0.179	0.197	0.195	7.88
52) CM	Toluene	0.848	0.791	0.833	0.817	0.815	0.775	0.813	3.29#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.378	0.357	0.404	0.389	0.408	0.403	0.390	5.02
54) T	cis-1,3-Dichlorop	0.470	0.442	0.481	0.470	0.493	0.479	0.472	3.59
55) T	1,1,2-Trichloroet	0.236	0.222	0.232	0.218	0.227	0.225	0.227	2.93
56) T	Ethyl methacrylat	0.291	0.274	0.327	0.306	0.311	0.321	0.305	6.47
57) T	1,3-Dichloropropa	0.395	0.379	0.411	0.379	0.385	0.385	0.389	3.17
58) T	2-Chloroethyl Vin	0.137	0.132	0.150	0.148	0.146	0.151	0.144	5.55
59) T	2-Hexanone	0.127	0.121	0.154	0.134	0.126	0.140	0.134	8.77
60) T	Dibromochlorometh	0.257	0.236	0.264	0.264	0.270	0.271	0.261	4.92
61) T	1,2-Dibromoethane	0.214	0.202	0.236	0.207	0.214	0.221	0.216	5.51
62) S	4-Bromofluorobenz	0.379	0.411	0.386	0.391	0.412	0.387	0.394	3.53
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.377	0.373	0.387	0.364	0.357	0.349	0.368	3.79
65) PM	Chlorobenzene	1.040	0.987	1.003	0.992	0.981	0.958	0.994	2.77
66) T	1,1,1,2-Tetrachlo	0.360	0.327	0.351	0.345	0.351	0.337	0.345	3.35
67) C	Ethyl Benzene	1.904	1.783	1.854	1.805	1.797	1.753	1.816	3.00#
68) T	m/p-Xylenes	0.710	0.679	0.710	0.695	0.683	0.669	0.691	2.44
69) T	o-Xylene	0.669	0.614	0.651	0.633	0.644	0.618	0.638	3.29
70) T	Styrene	1.131	1.038	1.106	1.114	1.113	1.075	1.096	3.11
71) P	Bromoform	0.188	0.169	0.199	0.187	0.194	0.200	0.189	5.90
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.730	3.451	3.641	3.568	3.599	3.501	3.582	2.78
74) T	N-amyl acetate	0.751	0.739	0.845	0.766	0.785	0.814	0.783	5.16
75) P	1,1,2,2-Tetrachlo	0.609	0.619	0.670	0.580	0.587	0.598	0.610	5.32
76) T	1,2,3-Trichloropr	0.478	0.387	0.513	0.373	0.368	0.379	0.416	15.04
77) T	Bromobenzene	0.893	0.856	0.853	0.828	0.857	0.807	0.849	3.47
78) T	n-propylbenzene	4.308	4.106	4.215	4.132	4.109	3.979	4.142	2.68
79) T	2-Chlorotoluene	2.466	2.311	2.348	2.282	2.303	2.211	2.320	3.65
80) T	1,3,5-Trimethylbe	3.104	2.925	3.039	2.961	2.969	2.858	2.976	2.89
81) T	trans-1,4-Dichlor	0.189	0.181	0.221	0.198	0.209	0.224	0.204	8.58
82) T	4-Chlorotoluene	2.549	2.392	2.440	2.382	2.414	2.273	2.408	3.71
83) T	tert-Butylbenzene	2.740	2.574	2.723	2.614	2.633	2.573	2.643	2.76
84) T	1,2,4-Trimethylbe	3.095	2.904	3.025	2.922	2.925	2.789	2.943	3.59
85) T	sec-Butylbenzene	3.813	3.567	3.785	3.641	3.593	3.510	3.652	3.35
86) T	p-Isopropyltoluen	3.491	3.261	3.457	3.355	3.321	3.246	3.355	3.00
87) T	1,3-Dichlorobenze	1.676	1.610	1.655	1.590	1.595	1.531	1.610	3.20
88) T	1,4-Dichlorobenze	1.674	1.555	1.608	1.549	1.568	1.507	1.577	3.66
89) T	n-Butylbenzene	3.141	2.886	3.096	3.075	3.044	2.943	3.031	3.21
90) T	Hexachloroethane	0.578	0.568	0.581	0.565	0.584	0.568	0.574	1.39
91) T	1,2-Dichlorobenze	1.507	1.416	1.443	1.387	1.417	1.357	1.421	3.61
92) T	1,2-Dibromo-3-Chl	0.094	0.103	0.107	0.090	0.091	0.099	0.097	6.77
93) T	1,2,4-Trichlorobe	1.003	0.922	1.017	1.004	1.062	1.019	1.004	4.55
94) T	Hexachlorobutadie	0.688	0.675	0.685	0.658	0.660	0.639	0.667	2.76
95) T	Naphthalene	1.597	1.459	1.904	1.719	1.852	1.894	1.738	10.40
96) T	1,2,3-Trichlorobe	0.879	0.803	0.919	0.860	0.915	0.894	0.878	4.91

(#) = Out of Range