

Method Path : Z:\V0ASRV\HPCHEM1\MSV0A_Y\METHODS\
 Method File : 82Y103019S.M
 Title : SW846 8260
 Last Update : Wed Oct 30 13:30:53 2019
 Response Via : Initial Calibration

Calibration Files

10 =VY000484.D 5 =VY000483.D 20 =VY000485.D
 50 =VY000486.D 100 =VY000487.D 150 =VY000488.D

	Compound	10	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.531	0.441	0.455	0.513	0.520	0.494	0.492	7.45
3) P	Chloromethane	0.681	0.645	0.673	0.682	0.702	0.685	0.678	2.74
4) C	Vinyl Chloride	0.659	0.573	0.611	0.637	0.660	0.637	0.630	5.25#
5) T	Bromomethane	0.422	0.392	0.381	0.361	0.365	0.345	0.378	7.20
6) T	Chloroethane	0.406	0.382	0.382	0.390	0.405	0.399	0.394	2.75
7) T	Trichlorofluorome	0.909	0.823	0.838	0.844	0.858	0.830	0.850	3.67
8) T	Diethyl Ether	0.309	0.310	0.289	0.303	0.297	0.305	0.302	2.62
9) T	1,1,2-Trichlorotr	0.543	0.513	0.512	0.504	0.511	0.502	0.514	2.87
10) T	Methyl Iodide	0.547	0.475	0.550	0.648	0.711	0.706	0.606	15.91
11) T	Tert butyl alcoho	0.051	0.060	0.051	0.046	0.043	0.051	0.050	11.48
12) CM	1,1-Dichloroethen	0.522	0.452	0.493	0.521	0.514	0.494	0.499	5.29#
13) T	Acrolein	0.039	0.051	0.041	0.043	0.043	0.046	0.044	9.52
14) T	Allyl chloride	0.828	0.692	0.782	0.822	0.871	0.878	0.812	8.48
15) T	Acrylonitrile	0.161	0.146	0.153	0.153	0.149	0.166	0.155	4.78
16) T	Acetone	0.140	0.146	0.122	0.156	0.142	0.151	0.143	8.28
17) T	Carbon Disulfide	1.644	1.386	1.544	1.580	1.658	1.639	1.575	6.50
18) T	Methyl Acetate	0.419	0.534	0.397	0.415	0.411	0.485	0.443	12.13
19) T	Methyl tert-butyl	1.387	1.353	1.335	1.384	1.400	1.472	1.389	3.41
20) T	Methylene Chlorid	0.660	0.724	0.598	0.561	0.564	0.560	0.611	11.02
21) T	trans-1,2-Dichlor	0.577	0.533	0.557	0.568	0.577	0.576	0.565	3.12
22) T	Diisopropyl ether	1.712	1.576	1.608	1.774	1.936	1.985	1.765	9.50
23) T	Vinyl Acetate	1.114	0.944	1.076	1.126	1.174	1.251	1.114	9.24
24) P	1,1-Dichloroethan	0.949	0.939	0.913	0.949	0.995	0.992	0.956	3.31
25) T	2-Butanone	0.230	0.232	0.209	0.234	0.219	0.241	0.228	5.12
26) T	2,2-Dichloropropa	0.906	0.932	0.828	0.847	0.873	0.857	0.874	4.45
27) T	cis-1,2-Dichloroe	0.618	0.592	0.604	0.619	0.636	0.636	0.617	2.85
28) T	Bromochloromethan	0.246	0.465	0.237	0.469	0.451	0.463	0.388	29.39
29) T	Tetrahydrofuran	0.138	0.133	0.136	0.138	0.135	0.154	0.139	5.34
30) C	Chloroform	0.984	0.959	0.925	0.962	0.985	0.990	0.967	2.51#
31) T	Cyclohexane	1.031	1.091	0.939	0.974	0.999	0.976	1.002	5.32
32) T	1,1,1-Trichloroet	0.875	0.844	0.833	0.863	0.888	0.870	0.862	2.34
33) S	1,2-Dichloroethan	0.513	0.458	0.513	0.562	0.523	0.535	0.517	6.62
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.314	0.262	0.307	0.303	0.289	0.287	0.294	6.38
36) T	1,1-Dichloroprope	0.488	0.471	0.463	0.463	0.479	0.473	0.473	2.02
37) T	Ethyl Acetate	0.297	0.269	0.295	0.267	0.266	0.290	0.281	5.23
38) T	Carbon Tetrachlor	0.466	0.427	0.460	0.456	0.466	0.454	0.455	3.20
39) T	Methylcyclohexane	0.635	0.575	0.596	0.618	0.625	0.615	0.611	3.57
40) TM	Benzene	1.447	1.327	1.359	1.372	1.412	1.398	1.386	3.04
41) T	Methacrylonitrile	0.188	0.135	0.172	0.144	0.139	0.162	0.157	13.32
42) TM	1,2-Dichloroethan	0.407	0.373	0.394	0.393	0.395	0.396	0.393	2.78
43) T	Isopropyl Acetate	0.531	0.523	0.523	0.514	0.512	0.559	0.527	3.22
44) TM	Trichloroethene	0.370	0.366	0.377	0.358	0.365	0.357	0.365	2.06
45) C	1,2-Dichloropropa	0.339	0.344	0.328	0.338	0.349	0.348	0.341	2.25#
46) T	Dibromomethane	0.194	0.180	0.188	0.186	0.186	0.193	0.188	2.78
47) T	Bromodichlorometh	0.448	0.409	0.432	0.453	0.462	0.466	0.445	4.81
48) T	Methyl methacryla	0.236	0.203	0.234	0.225	0.230	0.254	0.230	7.14
49) T	1,4-Dioxane	0.002	0.002	0.003	0.003	0.002	0.003	0.003	6.15
50) S	Toluene-d8	1.031	0.968	1.053	1.235	1.197	1.200	1.114	9.90
51) T	4-Methyl-2-Pentan	0.288	0.259	0.277	0.281	0.273	0.305	0.280	5.46
52) CM	Toluene	0.894	0.790	0.872	0.872	0.919	0.910	0.876	5.28#

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Compound		10	5	20	50	100	150	Avg	%RSD

53) T	t-1,3-Dichloropro	0.468	0.423	0.454	0.493	0.500	0.516	0.476	7.22
54) T	cis-1,3-Dichlorop	0.554	0.483	0.521	0.552	0.576	0.582	0.545	6.79
55) T	1,1,2-Trichloroet	0.273	0.274	0.261	0.270	0.271	0.280	0.271	2.35
56) T	Ethyl methacrylat	0.373	0.323	0.371	0.401	0.398	0.441	0.385	10.22
57) T	1,3-Dichloropropa	0.486	0.447	0.468	0.478	0.474	0.495	0.475	3.44
58) T	2-Chloroethyl Vin	0.159	0.180	0.169	0.182	0.170	0.182	0.174	5.34
59) T	2-Hexanone	0.201	0.187	0.197	0.213	0.203	0.223	0.204	6.07
60) T	Dibromochlorometh	0.315	0.276	0.304	0.316	0.325	0.329	0.311	6.18
61) T	1,2-Dibromoethane	0.260	0.245	0.259	0.266	0.261	0.274	0.261	3.68
62) S	4-Bromofluorobenz	0.446	0.371	0.441	0.440	0.425	0.422	0.424	6.54
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.468	0.401	0.419	0.413	0.398	0.381	0.413	7.17
65) PM	Chlorobenzene	1.052	0.952	1.003	1.009	1.036	1.031	1.014	3.48
66) T	1,1,1,2-Tetrachlo	0.358	0.313	0.346	0.362	0.366	0.364	0.352	5.80
67) C	Ethyl Benzene	1.943	1.680	1.824	1.908	1.927	1.912	1.866	5.35#
68) T	m/p-Xylenes	0.740	0.677	0.697	0.747	0.743	0.729	0.722	3.98
69) T	o-Xylene	0.698	0.626	0.668	0.681	0.704	0.694	0.679	4.27
70) T	Styrene	1.151	1.022	1.112	1.203	1.246	1.238	1.162	7.37
71) P	Bromoform	0.200	0.175	0.197	0.212	0.209	0.221	0.202	7.96
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.802	3.520	3.595	3.652	3.865	3.739	3.695	3.52
74) T	N-amyl acetate	1.012	0.896	1.032	1.072	1.134	1.204	1.058	10.02
75) P	1,1,2,2-Tetrachlo	0.760	0.699	0.712	0.712	0.734	0.773	0.732	4.02
76) T	1,2,3-Trichloropr	0.692	0.511	0.506	0.625	0.530	0.552	0.569	13.03
77) T	Bromobenzene	0.883	0.836	0.827	0.819	0.832	0.832	0.838	2.71
78) T	n-propylbenzene	4.613	4.114	4.376	4.446	4.686	4.518	4.459	4.54
79) T	2-Chlorotoluene	2.562	2.379	2.417	2.432	2.569	2.492	2.475	3.18
80) T	1,3,5-Trimethylbe	3.218	2.813	3.089	3.086	3.203	3.057	3.078	4.73
81) T	trans-1,4-Dichlor	0.237	0.210	0.241	0.259	0.276	0.301	0.254	12.59
82) T	4-Chlorotoluene	2.601	2.371	2.514	2.560	2.719	2.630	2.566	4.60
83) T	tert-Butylbenzene	2.767	2.420	2.585	2.632	2.744	2.618	2.628	4.75
84) T	1,2,4-Trimethylbe	3.102	2.888	3.031	3.126	3.181	3.059	3.064	3.30
85) T	sec-Butylbenzene	3.827	3.480	3.683	3.819	3.959	3.695	3.744	4.38
86) T	p-Isopropyltoluen	3.466	3.127	3.338	3.378	3.476	3.235	3.337	4.07
87) T	1,3-Dichlorobenze	1.756	1.656	1.607	1.627	1.633	1.570	1.641	3.85
88) T	1,4-Dichlorobenze	1.729	1.619	1.625	1.634	1.644	1.590	1.640	2.88
89) T	n-Butylbenzene	3.333	3.069	3.225	3.344	3.467	3.308	3.291	4.06
90) T	Hexachloroethane	0.633	0.562	0.603	0.629	0.651	0.623	0.617	5.05
91) T	1,2-Dichlorobenze	1.571	1.428	1.482	1.489	1.504	1.462	1.489	3.23
92) T	1,2-Dibromo-3-Chl	0.144	0.128	0.127	0.125	0.120	0.132	0.129	6.44
93) T	1,2,4-Trichlorobe	1.108	1.009	1.032	0.977	0.998	0.959	1.014	5.18
94) T	Hexachlorobutadie	0.610	0.503	0.542	0.527	0.496	0.458	0.523	9.86
95) T	Naphthalene	2.362	2.189	2.268	2.215	2.200	2.272	2.251	2.87
96) T	1,2,3-Trichlorobe	0.976	0.912	0.905	0.907	0.881	0.877	0.910	3.89

(#) = Out of Range