

Method Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\METHODS\
 Method File : 82Y122319S.M
 Title : SW846 8260
 Last Update : Mon Dec 23 12:07:44 2019
 Response Via : Initial Calibration

Calibration Files

10 =VY001017.D 5 =VY001016.D 20 =VY001018.D
 50 =VY001019.D 100 =VY001020.D 150 =VY001021.D

	Compound	10	5	20	50	100	150	Avq	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.497	0.429	0.471	0.408	0.419	0.390	0.436	9.28
3) P	Chloromethane	0.658	0.653	0.616	0.544	0.564	0.523	0.593	9.65
4) C	Vinyl Chloride	0.667	0.593	0.604	0.531	0.551	0.509	0.576	9.98#
5) T	Bromomethane	0.425	0.402	0.361	0.337	0.331	0.271	0.354	15.57
6) T	Chloroethane	0.387	0.384	0.380	0.339	0.345	0.317	0.359	8.09
7) T	Trichlorofluorome	0.936	0.900	0.873	0.771	0.814	0.775	0.845	8.11
8) T	Diethyl Ether	0.373	0.355	0.357	0.319	0.343	0.321	0.345	6.15
9) T	1,1,2-Trichlorotr	0.611	0.580	0.576	0.514	0.544	0.503	0.555	7.53
10) T	Methyl Iodide	0.774	0.753	0.746	0.736	0.817	0.773	0.767	3.78
11) T	Tert butyl alcoho	0.064	0.061	0.051	0.049	0.051	0.049	0.054	12.63
12) CM	1,1-Dichloroethen	0.605	0.590	0.576	0.520	0.556	0.523	0.562	6.19#
13) T	Acrolein	0.070	0.068	0.060	0.069	0.072	0.064	0.067	6.11
14) T	Allyl chloride	0.964	0.919	0.892	0.813	0.856	0.791	0.873	7.50
15) T	Acrylonitrile	0.185	0.176	0.175	0.164	0.174	0.160	0.172	5.23
16) T	Acetone	0.129	0.129	0.113	0.099	0.110	0.102	0.114	11.32
17) T	Carbon Disulfide	1.970	1.853	1.865	1.729	1.855	1.741	1.836	4.86
18) T	Methyl Acetate	0.461	0.473	0.451	0.387	0.435	0.409	0.436	7.50
19) T	Methyl tert-butyl	1.538	1.519	1.476	1.373	1.444	1.350	1.450	5.27
20) T	Methylene Chlorid	0.758	0.798	0.671	0.587	0.618	0.580	0.669	13.71
21) T	trans-1,2-Dichlor	0.671	0.648	0.634	0.585	0.618	0.579	0.623	5.75
22) T	Diisopropyl ether	1.974	1.887	1.861	1.657	1.674	1.531	1.764	9.56
23) T	Vinyl Acetate	1.252	1.172	1.144	1.060	1.082	0.974	1.114	8.67
24) P	1,1-Dichloroethan	1.134	1.134	1.054	0.974	1.012	0.946	1.042	7.63
25) T	2-Butanone	0.224	0.209	0.204	0.184	0.196	0.181	0.200	8.03
26) T	2,2-Dichloropropa	0.941	0.981	0.849	0.792	0.818	0.758	0.856	10.17
27) T	cis-1,2-Dichloroe	0.755	0.705	0.693	0.644	0.675	0.632	0.684	6.52
28) T	Bromochloromethan	0.407	0.425	0.387	0.414	0.428	0.379	0.407	4.88
29) T	Tetrahydrofuran	0.163	0.154	0.144	0.130	0.136	0.125	0.142	10.17
30) C	Chloroform	1.052	1.071	0.998	0.919	0.969	0.904	0.986	6.90#
31) T	Cyclohexane	1.248	1.330	1.100	0.970	0.998	0.929	1.096	14.78
32) T	1,1,1-Trichloroet	0.918	0.896	0.835	0.778	0.828	0.790	0.841	6.65
33) S	1,2-Dichloroethan	0.498	0.510	0.489	0.476	0.516	0.470	0.493	3.67

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.311	0.293	0.315	0.278	0.301	0.268	0.294	6.35
36) T	1,1-Dichloroprope	0.531	0.510	0.484	0.443	0.472	0.423	0.477	8.42
37) T	Ethyl Acetate	0.281	0.296	0.279	0.244	0.255	0.229	0.264	9.60
38) T	Carbon Tetrachlor	0.448	0.431	0.431	0.392	0.420	0.386	0.418	5.80
39) T	Methylcyclohexane	0.687	0.650	0.660	0.594	0.632	0.578	0.633	6.51
40) TM	Benzene	1.548	1.549	1.473	1.343	1.429	1.292	1.439	7.36
41) T	Methacrylonitrile	0.105	0.108	0.124	0.118	0.121	0.111	0.115	6.75
42) TM	1,2-Dichloroethan	0.362	0.366	0.352	0.329	0.343	0.311	0.344	6.08
43) T	Isopropyl Acetate	0.534	0.507	0.492	0.460	0.498	0.442	0.489	6.75
44) TM	Trichloroethene	0.406	0.414	0.390	0.354	0.375	0.337	0.379	7.89
45) C	1,2-Dichloropropa	0.397	0.384	0.366	0.339	0.358	0.322	0.361	7.75#
46) T	Dibromomethane	0.202	0.186	0.191	0.179	0.189	0.170	0.186	5.96
47) T	Bromodichlorometh	0.461	0.455	0.424	0.414	0.436	0.397	0.431	5.67
48) T	Methyl methacryla	0.216	0.218	0.209	0.201	0.215	0.192	0.209	4.87
49) T	1,4-Dioxane	0.003	0.003	0.003	0.003	0.003	0.003	0.003	6.54
50) S	Toluene-d8	1.048	1.253	1.098	1.163	1.244	1.099	1.151	7.31
51) T	4-Methyl-2-Pentan	0.286	0.267	0.262	0.240	0.252	0.223	0.255	8.57
52) CM	Toluene	0.961	0.947	0.912	0.837	0.874	0.782	0.886	7.70#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.480	0.468	0.486	0.451	0.482	0.440	0.468	4.00
54) T	cis-1,3-Dichlorop	0.595	0.598	0.570	0.532	0.567	0.512	0.563	6.06
55) T	1,1,2-Trichloroet	0.303	0.289	0.284	0.262	0.278	0.251	0.278	6.87
56) T	Ethyl methacrylat	0.421	0.382	0.401	0.384	0.416	0.370	0.395	5.11
57) T	1,3-Dichloropropa	0.519	0.518	0.501	0.459	0.486	0.438	0.487	6.71
58) T	2-Chloroethyl Vin	0.165	0.188	0.152	0.129	0.151	0.131	0.153	14.50
59) T	2-Hexanone	0.195	0.179	0.183	0.167	0.177	0.157	0.176	7.49
60) T	Dibromochlorometh	0.312	0.288	0.305	0.287	0.307	0.282	0.297	4.31
61) T	1,2-Dibromoethane	0.283	0.272	0.265	0.255	0.271	0.247	0.266	4.87
62) S	4-Bromofluorobenz	0.430	0.487	0.453	0.386	0.409	0.360	0.421	10.96
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.492	0.472	0.457	0.398	0.409	0.367	0.433	11.14
65) PM	Chlorobenzene	1.115	1.160	1.049	0.959	1.010	0.930	1.037	8.58
66) T	1,1,1,2-Tetrachlo	0.359	0.359	0.347	0.328	0.347	0.314	0.342	5.24
67) C	Ethyl Benzene	2.005	2.029	1.897	1.760	1.833	1.670	1.865	7.50#
68) T	m/p-Xylenes	0.769	0.761	0.723	0.664	0.700	0.632	0.708	7.60
69) T	o-Xylene	0.714	0.726	0.679	0.628	0.659	0.593	0.666	7.62
70) T	Stvrene	1.193	1.194	1.158	1.084	1.138	1.031	1.133	5.69
71) P	Bromoform	0.192	0.183	0.189	0.187	0.205	0.187	0.191	4.14
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.232	4.151	3.895	3.610	3.763	3.565	3.869	7.14
74) T	N-amyl acetate	1.109	1.015	1.027	0.971	1.032	0.945	1.016	5.56
75) P	1,1,2,2-Tetrachlo	0.832	0.776	0.755	0.714	0.774	0.723	0.762	5.57
76) T	1,2,3-Trichloropr	0.690	0.705	0.638	0.589	0.614	0.462	0.616	14.19
77) T	Bromobenzene	0.956	0.935	0.880	0.804	0.856	0.790	0.870	7.71
78) T	n-propylbenzene	5.166	5.082	4.761	4.354	4.587	4.339	4.715	7.52
79) T	2-Chlorotoluene	2.800	2.915	2.642	2.404	2.513	2.348	2.604	8.59
80) T	1,3,5-Trimethylbe	3.440	3.430	3.196	2.974	3.095	2.895	3.172	7.21
81) T	trans-1,4-Dichlor	0.283	0.279	0.295	0.278	0.306	0.293	0.289	3.82
82) T	4-Chlorotoluene	2.956	2.940	2.725	2.514	2.634	2.457	2.704	7.79
83) T	tert-Butylbenzene	2.909	2.944	2.669	2.454	2.564	2.434	2.662	8.31
84) T	1,2,4-Trimethylbe	3.555	3.433	3.212	2.980	3.081	2.863	3.187	8.37
85) T	sec-Butylbenzene	4.296	4.270	4.028	3.635	3.761	3.559	3.925	8.15
86) T	p-Isopropyltoluen	3.718	3.733	3.462	3.193	3.260	3.010	3.396	8.64
87) T	1,3-Dichlorobenze	1.836	1.841	1.727	1.556	1.598	1.470	1.671	9.20
88) T	1,4-Dichlorobenze	1.834	1.885	1.708	1.564	1.631	1.495	1.686	9.05
89) T	n-Butylbenzene	3.792	3.693	3.494	3.206	3.264	3.053	3.417	8.52
90) T	Hexachloroethane	0.678	0.657	0.643	0.615	0.644	0.603	0.640	4.28
91) T	1,2-Dichlorobenze	1.729	1.670	1.540	1.442	1.493	1.377	1.542	8.74
92) T	1,2-Dibromo-3-Chl	0.137	0.133	0.134	0.119	0.124	0.118	0.128	6.30
93) T	1,2,4-Trichlorobe	1.114	1.157	1.073	0.971	1.001	0.929	1.041	8.45
94) T	Hexachlorobutadie	0.566	0.523	0.507	0.465	0.471	0.440	0.495	9.21
95) T	Naphthalene	2.599	2.559	2.485	2.298	2.447	2.295	2.447	5.25
96) T	1,2,3-Trichlorobe	0.994	1.006	0.957	0.870	0.896	0.844	0.928	7.27

(#) = Out of Range