

Method Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\METHODS\
 Method File : 82Y091719S.M
 Title : SW846 8260
 Last Update : Tue Sep 17 13:28:51 2019
 Response Via : Initial Calibration

Calibration Files

10 =VY000052.D 5 =VY000051.D 20 =VY000053.D
 50 =VY000054.D 100 =VY000055.D 150 =VY000056.D

	Compound	10	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.428	0.475	0.423	0.372	0.323	0.322	0.391	15.83
3) P	Chloromethane	0.694	0.879	0.557	0.478	0.421	0.406	0.573	32.11
4) C	Vinyl Chloride	0.566	0.665	0.593	0.532	0.499	0.493	0.558	11.64#
5) T	Bromomethane	0.413	0.471	0.377	0.353	0.300	0.266	0.363	20.57
6) T	Chloroethane	0.400	0.411	0.390	0.363	0.340	0.338	0.374	8.33
7) T	Trichlorofluorome	0.779	0.916	0.792	0.766	0.696	0.680	0.771	10.90
8) T	Diethyl Ether	0.334	0.351	0.348	0.335	0.311	0.303	0.330	5.90
9) T	1,1,2-Trichlorotr	0.523	0.538	0.595	0.543	0.500	0.475	0.529	7.77
10) T	Methyl Iodide	0.452	0.529	0.552	0.604	0.589	0.576	0.550	10.01
11) T	Tert butyl alcoho	0.070	0.076	0.070	0.073	0.062	0.058	0.068	9.88
12) CM	1,1-Dichloroethen	0.507	0.516	0.521	0.489	0.457	0.438	0.488	6.88#
13) T	Acrolein	0.050	0.051	0.054	0.031	0.029	0.026	0.040	31.41
14) T	Allyl chloride	0.741	0.782	0.817	0.756	0.704	0.675	0.746	6.92
15) T	Acrylonitrile	0.199	0.201	0.207	0.208	0.190	0.184	0.198	4.80
16) T	Acetone	0.133	0.135	0.137	0.145	0.133	0.121	0.134	5.90
17) T	Carbon Disulfide	0.914	1.253	0.973	0.915	0.839	0.804	0.950	16.88
18) T	Methyl Acetate	0.436	0.549	0.457	0.433	0.418	0.393	0.447	12.04
19) T	Methyl tert-butyl	1.548	1.468	1.610	1.617	1.471	1.433	1.525	5.16
20) T	Methylene Chlorid	0.651	0.766	0.646	0.614	0.565	0.537	0.630	12.74
21) T	trans-1,2-Dichlor	0.520	0.653	0.559	0.545	0.498	0.480	0.542	11.30
22) T	Diisopropyl ether	1.656	1.639	1.819	1.736	1.663	1.595	1.685	4.74
23) T	Vinyl Acetate	1.114	1.076	1.170	1.188	1.114	1.104	1.128	3.78
24) P	1,1-Dichloroethan	0.978	1.047	1.056	1.031	0.952	0.919	0.997	5.60
25) T	2-Butanone	0.236	0.265	0.249	0.256	0.233	0.217	0.243	7.24
26) T	2,2-Dichloropropa	0.981	1.160	0.974	0.900	0.828	0.804	0.941	13.78
27) T	cis-1,2-Dichloroe	0.711	0.718	0.711	0.693	0.656	0.632	0.687	5.09
28) T	Bromochloromethan	0.448	0.461	0.455	0.466	0.482	0.460	0.462	2.50
29) T	Tetrahydrofuran	0.143	0.149	0.150	0.153	0.141	0.138	0.146	4.13
30) C	Chloroform	1.038	1.037	1.089	1.075	0.982	0.952	1.029	5.11#
31) T	Cyclohexane	0.852	1.103	0.838	0.740	0.682	0.658	0.812	20.02
32) T	1,1,1-Trichloroet	0.842	0.889	0.856	0.847	0.796	0.786	0.836	4.61
33) S	1,2-Dichloroethan	0.642	0.546	0.609	0.532	0.578	0.546	0.575	7.45
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.355	0.286	0.319	0.283	0.294	0.279	0.303	9.74
36) T	1,1-Dichloroprope	0.373	0.419	0.385	0.382	0.352	0.333	0.374	7.94
37) T	Ethyl Acetate	0.260	0.245	0.242	0.267	0.245	0.237	0.249	4.62
38) T	Carbon Tetrachlor	0.334	0.357	0.365	0.373	0.352	0.337	0.353	4.34
39) T	Methylcyclohexane	0.464	0.524	0.456	0.470	0.430	0.414	0.460	8.28
40) TM	Benzene	1.243	1.299	1.244	1.273	1.209	1.140	1.235	4.51
41) T	Methacrylonitrile	0.104	0.157	0.152	0.159	0.179	0.151	0.150	16.49
42) TM	1,2-Dichloroethan	0.324	0.335	0.334	0.337	0.321	0.312	0.327	2.96
43) T	Isopropyl Acetate	0.480	0.488	0.484	0.519	0.487	0.467	0.487	3.51
44) TM	Trichloroethene	0.306	0.357	0.315	0.321	0.303	0.290	0.315	7.30
45) C	1,2-Dichloropropa	0.318	0.330	0.328	0.333	0.315	0.296	0.320	4.24#
46) T	Dibromomethane	0.177	0.180	0.172	0.181	0.173	0.164	0.175	3.56
47) T	Bromodichlorometh	0.432	0.413	0.434	0.439	0.423	0.403	0.424	3.25
48) T	Methyl methacryla	0.219	0.217	0.206	0.230	0.209	0.206	0.214	4.45
49) T	1,4-Dioxane	0.003	0.003	0.004	0.004	0.003	0.003	0.003	5.24
50) S	Toluene-d8	1.275	1.149	1.177	1.152	1.236	1.146	1.189	4.54
51) T	4-Methyl-2-Pentan	0.266	0.259	0.266	0.287	0.268	0.250	0.266	4.64
52) CM	Toluene	0.793	0.819	0.794	0.800	0.770	0.731	0.785	3.88#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.458	0.433	0.454	0.469	0.452	0.431	0.450	3.25
54) T	cis-1,3-Dichlorop	0.524	0.511	0.528	0.542	0.514	0.495	0.519	3.07
55) T	1,1,2-Trichloroet	0.268	0.269	0.273	0.300	0.280	0.254	0.274	5.59
56) T	Ethyl methacrylat	0.368	0.389	0.399	0.421	0.392	0.371	0.390	4.97
57) T	1,3-Dichloropropa	0.477	0.470	0.460	0.471	0.451	0.432	0.460	3.60
58) T	2-Chloroethyl Vin	0.211	0.203	0.204	0.223	0.216	0.208	0.211	3.66
59) T	2-Hexanone	0.186	0.180	0.188	0.214	0.195	0.178	0.190	6.92
60) T	Dibromochlorometh	0.287	0.278	0.277	0.308	0.292	0.279	0.287	4.18
61) T	1,2-Dibromoethane	0.249	0.242	0.259	0.266	0.249	0.237	0.250	4.27
62) S	4-Bromofluorobenz	0.538	0.427	0.471	0.395	0.432	0.386	0.441	12.70
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.319	0.348	0.318	0.328	0.296	0.274	0.314	8.17
65) PM	Chlorobenzene	1.017	1.007	0.988	1.052	0.953	0.917	0.989	4.84
66) T	1,1,1,2-Tetrachlo	0.324	0.323	0.343	0.366	0.332	0.319	0.334	5.28
67) C	Ethyl Benzene	1.810	1.807	1.768	1.866	1.713	1.626	1.765	4.81#
68) T	m/p-Xylenes	0.682	0.670	0.677	0.715	0.654	0.630	0.672	4.23
69) T	o-Xylene	0.655	0.649	0.661	0.689	0.638	0.609	0.650	4.05
70) T	Styrene	1.145	1.092	1.170	1.227	1.135	1.081	1.142	4.68
71) P	Bromoform	0.184	0.183	0.198	0.213	0.196	0.187	0.194	5.90
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.012	4.214	4.129	4.175	3.881	3.767	4.030	4.39
74) T	N-amyl acetate	1.059	1.128	1.146	1.243	1.190	1.122	1.148	5.47
75) P	1,1,2,2-Tetrachlo	0.982	0.959	0.989	1.002	0.914	0.844	0.949	6.29
76) T	1,2,3-Trichloropr	0.732	0.731	0.717	0.760	0.647	0.634	0.703	7.23
77) T	Bromobenzene	0.805	0.864	0.874	0.880	0.836	0.790	0.841	4.49
78) T	n-propylbenzene	4.964	4.922	5.129	5.126	4.759	4.593	4.915	4.27
79) T	2-Chlorotoluene	2.779	2.874	2.814	2.845	2.661	2.514	2.748	4.96
80) T	1,3,5-Trimethylbe	3.368	3.426	3.404	3.482	3.232	3.115	3.338	4.12
81) T	trans-1,4-Dichlor	0.352	0.397	0.368	0.383	0.359	0.336	0.366	5.95
82) T	4-Chlorotoluene	2.856	2.922	2.858	2.977	2.781	2.654	2.841	3.99
83) T	tert-Butylbenzene	2.880	2.844	2.959	2.993	2.804	2.653	2.856	4.26
84) T	1,2,4-Trimethylbe	3.283	3.321	3.362	3.482	3.239	3.057	3.291	4.30
85) T	sec-Butylbenzene	4.334	4.165	4.419	4.407	4.085	3.905	4.219	4.84
86) T	p-Isopropyltoluen	3.631	3.620	3.691	3.804	3.420	3.291	3.576	5.25
87) T	1,3-Dichlorobenze	1.656	1.645	1.762	1.760	1.646	1.545	1.669	4.92
88) T	1,4-Dichlorobenze	1.684	1.648	1.726	1.788	1.652	1.565	1.677	4.54
89) T	n-Butylbenzene	3.685	3.652	3.805	3.911	3.608	3.414	3.679	4.64
90) T	Hexachloroethane	0.674	0.693	0.729	0.764	0.691	0.665	0.703	5.30
91) T	1,2-Dichlorobenze	1.644	1.561	1.595	1.623	1.546	1.440	1.568	4.63
92) T	1,2-Dibromo-3-Chl	0.178	0.168	0.168	0.182	0.166	0.152	0.169	6.23
93) T	1,2,4-Trichlorobe	0.871	0.913	0.983	1.022	0.960	0.929	0.946	5.67
94) T	Hexachlorobutadie	0.458	0.486	0.456	0.485	0.422	0.420	0.454	6.34
95) T	Naphthalene	2.673	2.557	2.753	2.835	2.698	2.601	2.686	3.76
96) T	1,2,3-Trichlorobe	0.902	0.890	0.912	0.952	0.885	0.877	0.903	2.99

(#) = Out of Range