

Method Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\METHODS\
 Method File : 82Y043020S.M
 Title : SW846 8260
 Last Update : Thu Apr 30 19:57:31 2020
 Response Via : Initial Calibration

Calibration Files

5 =VY002510.D 10 =VY002511.D 20 =VY002512.D
 50 =VY002513.D 100 =VY002514.D 150 =VY002515.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.378	0.305	0.298	0.452	0.428	0.417	0.380	17.20
3) P	Chloromethane	0.419	0.359	0.343	0.456	0.432	0.422	0.405	10.97
4) C	Vinyl Chloride	0.469	0.421	0.412	0.525	0.495	0.485	0.468	9.33#
5) T	Bromomethane	0.348	0.310	0.282	0.333	0.335	0.326	0.323	7.24
6) T	Chloroethane	0.282	0.262	0.250	0.300	0.293	0.288	0.279	6.94
7) T	Trichlorofluorome	0.725	0.678	0.659	0.761	0.771	0.756	0.725	6.45
8) T	Diethyl Ether	0.231	0.224	0.227	0.258	0.261	0.261	0.244	7.39
9) T	1,1,2-Trichlorotr	0.460	0.416	0.411	0.462	0.458	0.451	0.443	5.23
10) T	Methyl Iodide	0.509	0.522	0.551	0.688	0.682	0.670	0.604	14.08
11) T	Tert butyl alcoho	0.252	0.231	0.201	0.211	0.202	0.200	0.216	9.74
12) CM	1,1-Dichloroethen	0.446	0.397	0.393	0.448	0.454	0.445	0.430	6.46#
13) T	Acrolein	0.129	0.130	0.132	0.163	0.174	0.169	0.150	14.18
14) T	Allyl chloride	0.605	0.591	0.585	0.666	0.662	0.654	0.627	5.96
15) T	Acrylonitrile	0.545	0.563	0.544	0.603	0.596	0.596	0.574	4.73
16) T	Acetone	0.417	0.429	0.399	0.457	0.453	0.448	0.434	5.24
17) T	Carbon Disulfide	1.298	1.114	1.124	1.415	1.422	1.397	1.295	11.10
18) T	Methyl Acetate	0.305	0.279	0.278	0.295	0.290	0.294	0.290	3.55
19) T	Methyl tert-butyl	1.075	1.081	1.059	1.177	1.170	1.176	1.123	5.06
20) T	Methylene Chlorid	0.563	0.495	0.448	0.476	0.465	0.464	0.485	8.52
21) T	trans-1,2-Dichlor	0.475	0.440	0.440	0.493	0.488	0.487	0.470	5.10
22) T	Diisopropyl ether	1.245	1.232	1.254	1.326	1.281	1.274	1.269	2.65
23) T	Vinyl Acetate	3.625	3.872	3.852	4.282	4.162	4.148	3.990	6.20
24) P	1,1-Dichloroethan	0.746	0.717	0.709	0.791	0.772	0.769	0.751	4.34
25) T	2-Butanone	0.683	0.707	0.673	0.745	0.729	0.724	0.710	3.92
26) T	2,2-Dichloropropa	0.775	0.707	0.663	0.714	0.716	0.706	0.714	5.04
27) T	cis-1,2-Dichloroe	0.533	0.494	0.496	0.535	0.534	0.532	0.521	3.82
28) T	Bromochloromethan	0.307	0.304	0.300	0.310	0.315	0.309	0.308	1.67
29) T	Tetrahydrofuran	0.450	0.460	0.445	0.500	0.483	0.482	0.470	4.65
30) C	Chloroform	0.778	0.761	0.743	0.807	0.796	0.799	0.781	3.20#
31) T	Cyclohexane	0.876	0.733	0.682	0.758	0.749	0.735	0.756	8.57
32) T	1,1,1-Trichloroet	0.702	0.703	0.682	0.753	0.757	0.756	0.726	4.63
33) S	1,2-Dichloroethan	0.445	0.396	0.411	0.420	0.425	0.426	0.420	3.88
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.305	0.272	0.278	0.285	0.290	0.285	0.286	3.91
36) T	1,1-Dichloroprope	0.432	0.395	0.385	0.437	0.438	0.428	0.419	5.48
37) T	Ethyl Acetate	0.208	0.209	0.208	0.225	0.223	0.219	0.215	3.62
38) T	Carbon Tetrachlor	0.448	0.425	0.429	0.478	0.487	0.478	0.458	5.92
39) T	Methylcyclohexane	0.569	0.510	0.498	0.577	0.592	0.576	0.554	7.13
40) TM	Benzene	1.220	1.153	1.135	1.252	1.263	1.241	1.211	4.44
41) T	Methacrylonitrile	0.143	0.117	0.111	0.137	0.128	0.146	0.130	10.64
42) TM	1,2-Dichloroethan	0.327	0.330	0.322	0.359	0.350	0.349	0.340	4.48
43) T	Isopropyl Acetate	0.366	0.387	0.388	0.425	0.430	0.427	0.404	6.64
44) TM	Trichloroethene	0.385	0.362	0.356	0.389	0.395	0.384	0.378	4.14
45) C	1,2-Dichloropropa	0.288	0.284	0.279	0.303	0.302	0.297	0.292	3.37#
46) T	Dibromomethane	0.161	0.164	0.160	0.176	0.176	0.173	0.168	4.42
47) T	Bromodichlorometh	0.393	0.389	0.390	0.425	0.431	0.425	0.409	4.91
48) T	Methyl methacryla	0.161	0.176	0.172	0.196	0.195	0.197	0.183	8.42
49) T	1,4-Dioxane	0.041	0.044	0.041	0.048	0.046	0.047	0.045	6.93
50) S	Toluene-d8	1.176	1.074	1.081	1.110	1.137	1.121	1.117	3.38
51) T	4-Methyl-2-Pentan	0.961	1.007	0.988	1.120	1.091	1.077	1.041	6.16
52) CM	Toluene	0.771	0.751	0.731	0.807	0.811	0.797	0.778	4.19#

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	Compound	5	10	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.399	0.405	0.403	0.453	0.456	0.454	0.428	6.66
54) T	cis-1,3-Dichlorop	0.483	0.475	0.465	0.517	0.518	0.513	0.495	4.74
55) T	1,1,2-Trichloroet	0.239	0.238	0.235	0.257	0.252	0.249	0.245	3.57
56) T	Ethyl methacrylat	0.296	0.301	0.308	0.352	0.351	0.349	0.326	8.34
57) T	1,3-Dichloropropa	0.399	0.409	0.395	0.437	0.431	0.423	0.416	4.18
58) T	2-Chloroethyl Vin	0.829	0.879	0.865	0.841	0.873	0.872	0.860	2.34
59) T	2-Hexanone	0.641	0.683	0.685	0.784	0.760	0.746	0.716	7.68
60) T	Dibromochlorometh	0.296	0.295	0.295	0.327	0.328	0.328	0.312	5.64
61) T	1,2-Dibromoethane	0.231	0.234	0.234	0.252	0.254	0.251	0.243	4.28
62) S	4-Bromofluorobenz	0.413	0.363	0.371	0.372	0.379	0.375	0.379	4.64
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.458	0.423	0.420	0.464	0.457	0.444	0.444	4.28
65) PM	Chlorobenzene	0.963	0.924	0.893	0.981	0.977	0.965	0.950	3.63
66) T	1,1,1,2-Tetrachlo	0.344	0.333	0.333	0.370	0.370	0.369	0.353	5.26
67) C	Ethyl Benzene	1.664	1.591	1.566	1.746	1.739	1.712	1.670	4.60#
68) T	m/p-Xylenes	1.304	1.216	1.213	1.347	1.345	1.326	1.292	4.79
69) T	o-Xylene	0.601	0.578	0.570	0.627	0.629	0.624	0.605	4.31
70) T	Styrene	0.999	0.969	0.983	1.090	1.084	1.079	1.034	5.43
71) P	Bromoform	0.200	0.205	0.208	0.236	0.232	0.233	0.219	7.50
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.169	3.056	3.030	3.362	3.434	3.392	3.240	5.50
74) T	N-amyl acetate	0.673	0.745	0.731	0.852	0.831	0.845	0.780	9.44
75) P	1,1,2,2-Tetrachlo	0.475	0.493	0.482	0.547	0.543	0.551	0.515	6.86
76) T	1,2,3-Trichloropr	0.434	0.423	0.436	0.486	0.384	0.419	0.430	7.68
77) T	Bromobenzene	0.808	0.760	0.755	0.842	0.845	0.847	0.810	5.26
78) T	n-propylbenzene	3.716	3.567	3.532	3.909	3.950	3.888	3.761	4.84
79) T	2-Chlorotoluene	2.065	1.990	1.959	2.146	2.175	2.163	2.083	4.47
80) T	1,3,5-Trimethylbe	2.602	2.546	2.531	2.817	2.827	2.794	2.686	5.26
81) T	trans-1,4-Dichlor	0.210	0.200	0.207	0.236	0.237	0.239	0.222	8.01
82) T	4-Chlorotoluene	2.202	2.083	2.063	2.260	2.274	2.246	2.188	4.22
83) T	tert-Butylbenzene	2.270	2.206	2.224	2.474	2.476	2.483	2.355	5.75
84) T	1,2,4-Trimethylbe	2.601	2.560	2.532	2.792	2.802	2.775	2.677	4.69
85) T	sec-Butylbenzene	3.256	3.137	3.080	3.409	3.406	3.322	3.268	4.20
86) T	p-Isopropyltoluen	3.039	2.916	2.889	3.215	3.185	3.130	3.062	4.50
87) T	1,3-Dichlorobenze	1.555	1.477	1.447	1.577	1.570	1.568	1.532	3.64
88) T	1,4-Dichlorobenze	1.536	1.455	1.433	1.580	1.553	1.546	1.517	3.88
89) T	n-Butylbenzene	2.896	2.670	2.625	2.898	2.845	2.792	2.788	4.17
90) T	Hexachloroethane	0.545	0.525	0.519	0.580	0.589	0.588	0.558	5.74
91) T	1,2-Dichlorobenze	1.360	1.343	1.292	1.423	1.388	1.397	1.367	3.39
92) T	1,2-Dibromo-3-Chl	0.090	0.092	0.095	0.100	0.097	0.102	0.096	4.67
93) T	1,2,4-Trichlorobe	1.041	0.957	0.939	1.032	0.976	1.010	0.993	4.17
94) T	Hexachlorobutadie	0.635	0.588	0.569	0.610	0.582	0.591	0.596	3.89
95) T	Naphthalene	1.697	1.726	1.685	1.938	1.865	1.954	1.811	6.77
96) T	1,2,3-Trichlorobe	0.853	0.814	0.799	0.876	0.833	0.881	0.843	3.95

(#) = Out of Range