

Method Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\METHODS\
 Method File : 82Y051520S.M
 Title : SW846 8260
 Last Update : Fri May 15 13:29:34 2020
 Response Via : Initial Calibration

Calibration Files

5 =VY002691.D 10 =VY002692.D 20 =VY002693.D
 50 =VY002694.D 100 =VY002695.D 150 =VY002696.D

	Compound	5	10	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.397	0.374	0.383	0.340	0.342	0.313	0.358	8.85
3) P	Chloromethane	0.461	0.429	0.433	0.395	0.388	0.356	0.410	9.25
4) C	Vinyl Chloride	0.459	0.436	0.453	0.419	0.418	0.380	0.428	6.65#
5) T	Bromomethane	0.353	0.351	0.312	0.310	0.303	0.273	0.317	9.64
6) T	Chloroethane	0.284	0.284	0.279	0.273	0.272	0.247	0.273	5.05
7) T	Trichlorofluorome	0.738	0.753	0.723	0.715	0.729	0.665	0.721	4.17
8) T	Diethyl Ether	0.240	0.246	0.239	0.257	0.257	0.231	0.245	4.19
9) T	1,1,2-Trichlorotr	0.440	0.463	0.444	0.433	0.438	0.403	0.437	4.46
10) T	Methyl Iodide	0.518	0.558	0.606	0.656	0.667	0.603	0.601	9.42
11) T	Tert butyl alcoho	0.046	0.042	0.037	0.040	0.040	0.034	0.040	10.94
12) CM	1,1-Dichloroethen	0.453	0.456	0.440	0.438	0.442	0.402	0.439	4.37#
13) T	Acrolein	0.046	0.049	0.046	0.047	0.049	0.043	0.047	4.91
14) T	Allyl chloride	0.635	0.639	0.632	0.637	0.645	0.589	0.630	3.23
15) T	Acrylonitrile	0.110	0.113	0.104	0.118	0.118	0.103	0.111	5.96
16) T	Acetone	0.079	0.083	0.072	0.086	0.086	0.078	0.081	6.54
17) T	Carbon Disulfide	1.396	1.429	1.387	1.390	1.392	1.260	1.376	4.26
18) T	Methyl Acetate	0.234	0.235	0.218	0.241	0.239	0.211	0.230	5.38
19) T	Methyl tert-butyl	1.053	1.111	1.055	1.132	1.147	1.029	1.088	4.46
20) T	Methylene Chlorid	0.513	0.540	0.499	0.478	0.471	0.424	0.487	8.17
21) T	trans-1,2-Dichlor	0.496	0.514	0.489	0.492	0.490	0.445	0.488	4.71
22) T	Diisopropyl ether	1.225	1.293	1.263	1.284	1.281	1.150	1.249	4.34
23) T	Vinyl Acetate	0.767	0.813	0.784	0.840	0.844	0.750	0.800	4.87
24) P	1,1-Dichloroethan	0.732	0.768	0.757	0.761	0.765	0.695	0.746	3.80
25) T	2-Butanone	0.133	0.136	0.124	0.139	0.143	0.125	0.133	5.57
26) T	2,2-Dichloropropa	0.743	0.733	0.695	0.675	0.683	0.638	0.695	5.60
27) T	cis-1,2-Dichloroe	0.531	0.534	0.535	0.538	0.535	0.488	0.527	3.61
28) T	Bromochloromethan	0.281	0.311	0.306	0.291	0.300	0.282	0.295	4.20
29) T	Tetrahydrofuran	0.089	0.094	0.087	0.096	0.096	0.083	0.091	5.90
30) C	Chloroform	0.770	0.794	0.779	0.795	0.792	0.718	0.775	3.79#
31) T	Cyclohexane	0.836	0.813	0.757	0.735	0.731	0.670	0.757	7.97
32) T	1,1,1-Trichloroet	0.701	0.733	0.724	0.725	0.735	0.677	0.716	3.14
33) S	1,2-Dichloroethan	0.387	0.374	0.369	0.405	0.417	0.394	0.391	4.71

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.279	0.264	0.268	0.283	0.287	0.274	0.276	3.26
36) T	1,1-Dichloroprope	0.434	0.442	0.425	0.422	0.425	0.391	0.423	4.15
37) T	Ethyl Acetate	0.219	0.214	0.197	0.220	0.212	0.188	0.208	6.31
38) T	Carbon Tetrachlor	0.438	0.471	0.461	0.463	0.465	0.431	0.455	3.60
39) T	Methylcyclohexane	0.564	0.603	0.570	0.571	0.575	0.532	0.569	3.99
40) TM	Benzene	1.249	1.272	1.249	1.250	1.248	1.143	1.235	3.74
41) T	Methacrylonitrile	0.113	0.132	0.118	0.134	0.135	0.118	0.125	7.70
42) TM	1,2-Dichloroethan	0.321	0.339	0.321	0.334	0.336	0.304	0.326	4.03
43) T	Isopropyl Acetate	0.367	0.390	0.370	0.410	0.413	0.371	0.387	5.36
44) TM	Trichloroethene	0.398	0.417	0.395	0.399	0.395	0.359	0.394	4.79
45) C	1,2-Dichloropropa	0.298	0.302	0.293	0.294	0.299	0.273	0.293	3.56#
46) T	Dibromomethane	0.163	0.168	0.161	0.171	0.171	0.155	0.165	3.92
47) T	Bromodichlorometh	0.388	0.409	0.400	0.416	0.416	0.381	0.402	3.64
48) T	Methyl methacryla	0.174	0.181	0.167	0.188	0.189	0.171	0.178	5.14
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	7.01
50) S	Toluene-d8	1.148	1.063	1.076	1.131	1.149	1.099	1.111	3.35
51) T	4-Methyl-2-Pentan	0.194	0.203	0.190	0.212	0.213	0.187	0.200	5.61
52) CM	Toluene	0.801	0.832	0.808	0.806	0.810	0.739	0.799	3.92#

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	Compound	5	10	20	50	100	150	Avq	%RSD
53) T	t-1,3-Dichloropro	0.414	0.436	0.422	0.441	0.451	0.409	0.429	3.79
54) T	cis-1,3-Dichlorop	0.474	0.517	0.499	0.513	0.515	0.466	0.497	4.44
55) T	1,1,2-Trichloroet	0.242	0.255	0.244	0.250	0.253	0.227	0.245	4.12
56) T	Ethyl methacrylat	0.307	0.322	0.318	0.347	0.350	0.315	0.326	5.45
57) T	1,3-Dichloropropa	0.409	0.421	0.406	0.425	0.424	0.381	0.411	4.04
58) T	2-Chloroethyl Vin	0.163	0.161	0.154	0.169	0.166	0.154	0.161	3.79
59) T	2-Hexanone	0.135	0.142	0.131	0.149	0.148	0.129	0.139	6.12
60) T	Dibromochlorometh	0.306	0.314	0.308	0.328	0.328	0.296	0.313	4.02
61) T	1,2-Dibromoethane	0.238	0.248	0.237	0.250	0.252	0.225	0.242	4.35
62) S	4-Bromofluorobenz	0.401	0.390	0.369	0.382	0.386	0.364	0.382	3.58
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.487	0.508	0.479	0.480	0.471	0.423	0.475	5.94
65) PM	Chlorobenzene	0.956	1.018	0.973	0.969	0.986	0.895	0.966	4.19
66) T	1,1,1,2-Tetrachlo	0.347	0.374	0.355	0.364	0.374	0.338	0.359	4.08
67) C	Ethyl Benzene	1.670	1.775	1.713	1.702	1.735	1.584	1.696	3.85#
68) T	m/p-Xylenes	0.651	0.687	0.666	0.663	0.675	0.618	0.660	3.59
69) T	o-Xylene	0.604	0.651	0.627	0.626	0.631	0.579	0.619	4.02
70) T	Stvrene	1.021	1.105	1.070	1.082	1.105	1.000	1.064	4.13
71) P	Bromoform	0.211	0.227	0.218	0.232	0.233	0.209	0.222	4.72
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.201	3.404	3.274	3.255	3.348	3.120	3.267	3.10
74) T	N-amyl acetate	0.727	0.783	0.725	0.800	0.823	0.743	0.767	5.38
75) P	1,1,2,2-Tetrachlo	0.450	0.505	0.460	0.488	0.514	0.469	0.481	5.28
76) T	1,2,3-Trichloropr	0.403	0.428	0.394	0.426	0.426	0.388	0.411	4.41
77) T	Bromobenzene	0.809	0.851	0.801	0.814	0.843	0.782	0.817	3.17
78) T	n-propylbenzene	3.732	3.997	3.846	3.784	3.852	3.591	3.801	3.57
79) T	2-Chlorotoluene	2.082	2.232	2.103	2.088	2.141	2.001	2.108	3.61
80) T	1,3,5-Trimethylbe	2.689	2.916	2.742	2.742	2.785	2.597	2.745	3.85
81) T	trans-1,4-Dichlor	0.209	0.224	0.206	0.220	0.232	0.211	0.217	4.66
82) T	4-Chlorotoluene	2.209	2.379	2.179	2.174	2.231	2.075	2.208	4.51
83) T	tert-Butylbenzene	2.376	2.584	2.436	2.405	2.479	2.297	2.430	4.01
84) T	1,2,4-Trimethylbe	2.667	2.916	2.770	2.733	2.792	2.583	2.744	4.15
85) T	sec-Butylbenzene	3.335	3.621	3.357	3.317	3.375	3.112	3.353	4.84
86) T	p-Isopropyltoluen	3.077	3.376	3.156	3.130	3.175	2.914	3.138	4.78
87) T	1,3-Dichlorobenze	1.572	1.724	1.581	1.545	1.577	1.451	1.575	5.58
88) T	1,4-Dichlorobenze	1.591	1.713	1.559	1.542	1.566	1.436	1.568	5.70
89) T	n-Butylbenzene	2.860	3.254	2.861	2.843	2.853	2.620	2.882	7.12
90) T	Hexachloroethane	0.562	0.641	0.571	0.578	0.588	0.548	0.581	5.53
91) T	1,2-Dichlorobenze	1.428	1.569	1.389	1.392	1.407	1.289	1.412	6.42
92) T	1,2-Dibromo-3-Chl	0.091	0.103	0.084	0.093	0.096	0.086	0.092	7.49
93) T	1,2,4-Trichlorobe	1.027	1.461	1.044	1.037	1.035	0.951	1.093	16.80
94) T	Hexachlorobutadie	0.650	0.879	0.644	0.619	0.615	0.564	0.662	16.74
95) T	Naphthalene	1.824	2.506	1.775	1.892	1.926	1.749	1.945	14.54
96) T	1,2,3-Trichlorobe	0.909	1.340	0.873	0.874	0.876	0.810	0.947	20.60

(#) = Out of Range