

Method Path : W:\HPCHEM1\MSV0A T\METHODS\2015\
 Method File : 82T050818S.M
 Title : SW846 8260
 Last Update : Wed May 09 04:36:54 2018
 Response Via : Initial Calibration

Calibration Files

5 =VT019040.D 10 =VT019041.D 20 =VT019042.D
 50 =VT019043.D 150 =VT019046.D 100 =VT019045.D

	Compound	5	10	20	50	150	100	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.716	0.559	0.605	0.664	0.620	0.674	0.640	8.76
3) P	Chloromethane	0.211	0.184	0.212	0.209	0.240	0.253	0.218	11.22
4) C	Vinyl Chloride	0.364	0.287	0.326	0.350	0.389	0.399	0.353	11.74#
5) T	Bromomethane	0.291	0.268	0.279	0.289	0.281	0.319	0.288	5.98
6) T	Chloroethane	0.228	0.178	0.219	0.199	0.232	0.243	0.216	11.15
7) T	Trichlorofluorome	0.939	0.897	1.013	0.979	0.868	0.986	0.947	5.93
8) T	Diethyl Ether	0.140	0.143	0.140	0.134	0.150	0.155	0.144	5.28
9) T	1,1,2-Trichlorotr	0.485	0.465	0.477	0.447	0.419	0.461	0.459	5.19
10) T	Methyl Iodide	0.645	0.699	0.678	0.668	0.628	0.678	0.666	3.85
11) T	Tert butyl alcoho	0.023	0.027	0.024	0.021	0.024	0.024	0.024	8.40
12) CM	1,1-Dichloroethen	0.377	0.410	0.425	0.407	0.404	0.424	0.408	4.27#
13) T	Acrolein	0.013	0.012	0.012	0.010	0.012	0.012	0.012	8.19
14) T	Allyl chloride	0.882	0.844	0.908	0.878	0.855	0.909	0.879	3.03
15) T	Acrylonitrile	0.088	0.091	0.098	0.092	0.092	0.094	0.092	3.59
16) T	Acetone	0.064	0.049	0.050	0.046	0.047	0.046	0.050	13.43
17) T	Carbon Disulfide	1.516	1.679	1.687	1.630	1.783	1.800	1.682	6.20
18) T	Methyl Acetate	0.291	0.243	0.267	0.249	0.245	0.258	0.259	7.01
19) T	Methyl tert-butyl	0.879	0.970	1.068	1.031	1.076	1.106	1.021	8.23
20) T	Methylene Chlorid	0.620	0.541	0.554	0.514	0.501	0.525	0.543	7.83
21) T	trans-1,2-Dichlor	0.609	0.581	0.613	0.602	0.588	0.619	0.602	2.49
22) T	Diisopropyl ether	1.489	1.591	1.752	1.681	1.567	1.707	1.631	6.06
23) T	Vinyl Acetate	0.674	0.717	0.795	0.744	0.671	0.743	0.724	6.53
24) P	1,1-Dichloroethan	1.151	1.154	1.144	1.120	1.108	1.165	1.140	1.90
25) T	2-Butanone	0.119	0.112	0.119	0.114	0.105	0.113	0.113	4.71
26) T	2,2-Dichloropropa	0.481	0.480	0.476	0.454	0.421	0.450	0.460	5.05
27) T	cis-1,2-Dichloroe	0.546	0.581	0.602	0.591	0.608	0.620	0.591	4.36
28) T	Bromochloromethan	0.380	0.390	0.399	0.382	0.349	0.371	0.379	4.56
29) C	Chloroform	1.070	1.049	1.083	1.074	1.038	1.090	1.067	1.87#
30) T	Cyclohexane	1.391	1.237	1.243	1.225	1.127	1.193	1.236	7.05
31) T	1,1,1-Trichloroet	0.765	0.754	0.855	0.849	0.832	0.893	0.825	6.62
32) S	1,2-Dichloroethan	0.462	0.465	0.498	0.463	0.460	0.500	0.475	4.05

33) I	1,4-Difluorobenzene	-----ISTD-----							
34) S	Dibromofluorometh	0.252	0.282	0.288	0.281	0.277	0.299	0.280	5.57
35) T	1,1-Dichloroprope	0.560	0.557	0.579	0.585	0.569	0.607	0.576	3.21
36) T	Ethyl Acetate	0.159	0.138	0.153	0.143	0.153	0.145	0.148	5.30
37) T	Carbon Tetrachlor	0.456	0.439	0.463	0.475	0.490	0.502	0.471	4.89
38) T	Methylcyclohexane	0.634	0.634	0.712	0.710	0.697	0.739	0.688	6.38
39) TM	Benzene	1.582	1.504	1.591	1.523	1.330	1.503	1.505	6.26
40) T	Methacrylonitrile	0.082	0.057	0.072	0.093	0.082	0.081	0.078	15.64
41) TM	1,2-Dichloroethan	0.337	0.315	0.325	0.330	0.321	0.333	0.327	2.44
42) T	Isopropyl Acetate	0.222	0.234	0.259	0.260	0.278	0.281	0.256	9.23
43) TM	Trichloroethene	0.331	0.338	0.348	0.348	0.350	0.362	0.346	3.10
44) C	1,2-Dichloropropa	0.349	0.356	0.349	0.356	0.341	0.366	0.353	2.39#
45) T	Dibromomethane	0.138	0.134	0.140	0.139	0.141	0.142	0.139	2.14
46) T	Bromodichlorometh	0.396	0.379	0.390	0.410	0.415	0.429	0.403	4.49
47) T	Methyl methacryla	0.111	0.123	0.135	0.138	0.141	0.144	0.132	9.48
48) T	1,4-Dioxane	0.002	0.001	0.002	0.002	0.002	0.002	0.002	18.07
49) S	Toluene-d8	1.175	1.202	1.260	1.263	1.043	1.264	1.201	7.16
50) T	4-Methyl-2-Pentan	0.138	0.140	0.148	0.145	0.129	0.141	0.140	4.58
51) CM	Toluene	0.818	0.882	0.896	0.903	0.808	0.912	0.870	5.22#
52) T	t-1,3-Dichloropro	0.321	0.329	0.362	0.385	0.391	0.411	0.367	9.74

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	Compound	5	10	20	50	150	100	Avg	%RSD
53) T	cis-1,3-Dichlorop	0.409	0.441	0.460	0.486	0.486	0.520	0.467	8.36
54) T	1,1,2-Trichloroet	0.226	0.190	0.215	0.214	0.203	0.215	0.211	5.83
55) T	Ethyl methacrylat	0.210	0.207	0.263	0.268	0.279	0.287	0.252	13.86
56) T	1,3-Dichloropropa	0.359	0.359	0.381	0.390	0.380	0.393	0.377	4.00
57) T	2-Chloroethyl Vin	0.108	0.111	0.123	0.118	0.112	0.126	0.116	6.24
58) T	2-Hexanone	0.099	0.098	0.107	0.108	0.095	0.103	0.102	5.09
59) T	Dibromochlorometh	0.206	0.193	0.225	0.224	0.231	0.234	0.219	7.27
60) T	1,2-Dibromoethane	0.175	0.164	0.183	0.185	0.188	0.197	0.182	6.23
61) S	4-Bromofluorobenz	0.401	0.419	0.478	0.481	0.440	0.495	0.452	8.40
62) I	Chlorobenzene-d5	-----ISTD-----							
63) T	Tetrachloroethene	0.283	0.349	0.326	0.351	0.365	0.378	0.342	9.90
64) PM	Chlorobenzene	1.016	1.081	1.070	1.063	0.939	1.044	1.036	5.08
65) T	1,1,1,2-Tetrachlo	0.310	0.325	0.329	0.341	0.345	0.367	0.336	5.84
66) C	Ethyl Benzene	1.933	2.199	2.181	2.177	1.481	1.945	1.986	13.87#
67) T	m/p-Xylenes	0.695	0.796	0.775	0.788	0.629	0.747	0.738	8.76
68) T	o-Xylene	0.644	0.680	0.711	0.730	0.656	0.736	0.693	5.58
69) T	Styrene	0.985	1.112	1.134	1.144	0.952	1.110	1.073	7.68
70) P	Bromoform	0.108	0.112	0.122	0.136	0.142	0.146	0.128	12.50
71) I	1,4-Dichlorobenzene-d	-----ISTD-----							
72) T	Isopropylbenzene	3.997	4.347	4.441	4.461	3.135	3.840	4.037	12.60
73) T	N-amyl acetate	0.592	0.619	0.651	0.712	0.709	0.712	0.666	7.96
74) P	1,1,2,2-Tetrachlo	0.611	0.587	0.585	0.611	0.581	0.590	0.594	2.29
75) T	1,2,3-Trichloropr	0.373	0.402	0.447	0.433	0.451	0.445	0.425	7.28
76) T	Bromobenzene	0.747	0.802	0.788	0.834	0.814	0.812	0.799	3.74
77) T	n-propylbenzene	5.307	5.795	5.639	5.599	3.460	4.487	5.048	17.97
78) T	2-Chlorotoluene	2.875	3.110	3.117	3.167	2.573	2.935	2.963	7.51
79) T	1,3,5-Trimethylbe	3.390	3.788	3.751	3.854	2.835	3.412	3.505	10.92
80) T	trans-1,4-Dichlor	0.144	0.134	0.151	0.169	0.187	0.174	0.160	12.53
81) T	4-Chlorotoluene	3.741	3.807	3.775	3.753	3.041	3.484	3.600	8.27
82) T	tert-Butylbenzene	2.845	3.161	3.193	3.342	2.690	3.097	3.055	7.91
83) T	1,2,4-Trimethylbe	3.484	3.860	3.890	3.860	2.774	3.454	3.554	12.09
84) T	sec-Butylbenzene	4.257	4.727	4.821	4.777	3.221	4.016	4.303	14.43
85) T	p-Isopropyltoluen	3.604	3.800	3.991	3.999	2.802	3.509	3.618	12.33
86) T	1,3-Dichlorobenze	1.714	1.755	1.709	1.729	1.542	1.670	1.687	4.51
87) T	1,4-Dichlorobenze	1.595	1.678	1.693	1.684	1.544	1.643	1.639	3.59
88) T	n-Butylbenzene	3.841	4.188	4.284	4.297	2.975	3.672	3.876	13.13
89) T	Hexachloroethane	0.536	0.574	0.588	0.674	0.691	0.703	0.628	11.19
90) T	1,2-Dichlorobenze	1.377	1.453	1.422	1.433	1.369	1.406	1.410	2.31
91) T	1,2-Dibromo-3-Chl	0.070	0.073	0.088	0.094	0.093	0.094	0.086	12.75
92) T	1,2,4-Trichlorobe	0.837	0.893	0.957	0.975	0.986	1.005	0.942	6.81
93) T	Hexachlorobutadie	0.642	0.637	0.675	0.707	0.728	0.740	0.688	6.35
94) T	Naphthalene	1.366	1.427	1.531	1.625	1.568	1.617	1.522	6.91
95) T	1,2,3-Trichlorobe	0.780	0.730	0.759	0.795	0.795	0.808	0.778	3.70

(#) = Out of Range ### Number of calibration levels exceeded format ###