

Method Path : W:\HPCHEM1\MSV0A_N\METHODS\
 Method File : 82N092115W.M
 Title : SW846 8260
 Last Update : Mon Sep 21 13:12:32 2015
 Response Via : Initial Calibration

Calibration Files

1 =VN027325.D 5 =VN027326.D 20 =VN027327.D
 50 =VN027328.D 100 =VN027329.D 200 =VN027330.D

	Compound	1	5	20	50	100	200	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.564	0.523	0.522	0.491	0.507	0.506	0.519	4.84
3) T	Chlorodifluoromet	0.694	0.602	0.668	0.667	0.659	0.653	0.657	4.66
4) P	Chloromethane	0.708	0.600	0.583	0.529	0.564	0.582	0.595	10.18
5) C	Vinyl Chloride	0.755	0.661	0.668	0.610	0.643	0.643	0.663	7.40#
6) T	Bromomethane	0.291	0.257	0.254	0.243	0.282	0.294	0.270	7.98
7) T	Chloroethane	0.495	0.426	0.419	0.387	0.407	0.397	0.422	9.13
8) T	Trichlorofluorome	1.010	0.994	0.969	0.928	0.949	0.929	0.963	3.54
9) T	Diethyl Ether	0.454	0.418	0.436	0.405	0.428	0.427	0.428	3.89
10) T	1,1,2-Trichlorotr	0.651	0.631	0.616	0.597	0.587	0.583	0.611	4.40
11) T	Methyl Iodide	0.182	0.251	0.385	0.456	0.502	0.489	0.378	35.21
12) T	Tert butyl alcoho		0.083	0.084	0.070	0.079	0.074	0.078	7.59
13) CM	1,1-Dichloroethen	0.602	0.573	0.577	0.546	0.567	0.561	0.571	3.29#
14) T	Acrolein		0.079	0.104	0.099	0.113	0.111	0.101	13.25
15) T	Allyl chloride	1.246	1.101	1.114	1.040	1.114	1.066	1.114	6.41
16) T	Acrylonitrile	0.296	0.251	0.288	0.264	0.301	0.301	0.284	7.39
17) T	Acetone	0.289	0.268	0.284	0.244	0.261	0.252	0.266	6.68
18) T	Carbon Disulfide	1.858	1.742	1.704	1.597	1.666	1.691	1.710	5.11
19) T	Methyl Acetate	1.344	1.576	1.790	1.586	1.812	1.804	1.652	11.25
20) T	Methyl tert-butyl	2.367	2.315	2.345	2.130	2.275	2.245	2.279	3.76
21) T	Methylene Chlorid	0.807	0.741	0.699	0.649	0.678	0.679	0.709	8.03
22) T	trans-1,2-Dichlor	0.708	0.615	0.627	0.594	0.614	0.608	0.628	6.52
23) T	Diisopropyl ether	2.582	2.417	2.425	2.263	2.424	2.419	2.422	4.16
24) T	Vinyl Acetate	0.498	0.576	0.770	0.751	0.845	0.836	0.713	20.09
25) P	1,1-Dichloroethan	1.524	1.438	1.415	1.321	1.392	1.378	1.411	4.82
26) T	2-Butanone	0.297	0.340	0.386	0.335	0.373	0.361	0.349	9.03
27) T	2,2-Dichloropropa	1.161	1.241	1.267	1.185	1.230	1.213	1.216	3.18
28) T	cis-1,2-Dichloroe	0.820	0.738	0.748	0.695	0.726	0.724	0.742	5.68
29) T	Bromochloromethan	0.590	0.541	0.652	0.528	0.526	0.486	0.554	10.59
30) T	Tetrahydrofuran	0.222	0.212	0.230	0.204	0.234	0.225	0.221	5.07
31) C	Chloroform	1.367	1.346	1.349	1.264	1.321	1.305	1.326	2.81#
32) T	Cyclohexane	2.800	1.580	1.344	1.227	1.257	1.223	1.572	39.20
33) T	1,1,1-Trichloroet	1.300	1.158	1.175	1.102	1.161	1.152	1.175	5.65
34) S	1,2-Dichloroethan	1.066	0.960	1.065	0.874	0.969	0.939	0.979	7.67
35) I	1,4-Difluorobenzene	-----ISTD-----							
36) S	Dibromofluorometh	0.361	0.310	0.357	0.298	0.326	0.306	0.326	8.24
37) T	1,1-Dichloroprope	0.589	0.541	0.524	0.518	0.537	0.524	0.539	4.85
38) T	Ethyl Acetate	0.379	0.409	0.443	0.402	0.443	0.421	0.416	5.99
39) T	Carbon Tetrachlor	0.552	0.525	0.501	0.482	0.498	0.484	0.507	5.31
40) T	Methylcyclohexane	0.653	0.692	0.623	0.627	0.626	0.619	0.640	4.42
41) TM	Benzene	1.710	1.617	1.558	1.487	1.534	1.478	1.564	5.60
42) T	Methacrylonitrile	0.265	0.222	0.243	0.230	0.263	0.252	0.246	7.07
43) TM	1,2-Dichloroethan	0.689	0.667	0.622	0.601	0.629	0.618	0.638	5.24
44) T	Isopropyl Acetate	0.818	0.796	0.797	0.739	0.827	0.794	0.795	3.86
45) TM	Trichloroethene	0.340	0.319	0.307	0.307	0.307	0.300	0.313	4.56
46) C	1,2-Dichloropropa	0.473	0.452	0.438	0.414	0.433	0.415	0.438	5.17#
47) T	Dibromomethane	0.292	0.265	0.258	0.251	0.259	0.251	0.263	5.76
48) T	Bromodichlorometh	0.593	0.550	0.551	0.539	0.563	0.547	0.557	3.40
49) T	Methyl methacryla	0.321	0.382	0.382	0.362	0.403	0.396	0.374	7.95
50) T	1,4-Dioxane	0.005	0.005	0.005	0.004	0.004	0.004	0.005	7.87
51) S	Toluene-d8	1.380	1.239	1.361	1.156	1.242	1.190	1.261	7.18
52) T	4-Methyl-2-Pentan	0.422	0.414	0.429	0.379	0.414	0.395	0.409	4.55

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	Compound	1	5	20	50	100	200	Avg	%RSD
53)	CM Toluene	0.988	0.976	0.910	0.883	0.903	0.890	0.925	4.91#
54)	T t-1,3-Dichloropro	0.585	0.581	0.590	0.581	0.618	0.613	0.595	2.78
55)	T cis-1,3-Dichlorop	0.652	0.662	0.644	0.642	0.668	0.652	0.653	1.56
56)	T 1,1,2-Trichloroet	0.370	0.350	0.347	0.332	0.344	0.329	0.345	4.28
57)	T Ethyl methacrylat	0.574	0.540	0.552	0.518	0.558	0.544	0.548	3.43
58)	T 1,3-Dichloropropa	0.680	0.667	0.633	0.601	0.629	0.606	0.636	5.02
59)	T 2-Chloroethyl Vin	0.219	0.241	0.254	0.252	0.249	0.242	0.243	5.34
60)	T 2-Hexanone	0.282	0.286	0.294	0.259	0.282	0.265	0.278	4.74
61)	T Dibromochlorometh	0.326	0.350	0.340	0.328	0.347	0.336	0.338	2.85
62)	T 1,2-Dibromoethane	0.334	0.334	0.327	0.314	0.334	0.326	0.328	2.36
63)	S 4-Bromofluorobenz	0.511	0.432	0.485	0.417	0.457	0.447	0.458	7.57
64)	I Chlorobenzene-d5	-----ISTD-----							
65)	T Tetrachloroethene	0.354	0.320	0.285	0.284	0.276	0.268	0.298	10.98
66)	PM Chlorobenzene	1.153	1.135	1.055	1.024	1.041	1.024	1.072	5.32
67)	T 1,1,1,2-Tetrachlo	0.369	0.390	0.357	0.350	0.353	0.339	0.360	4.93
68)	C Ethyl Benzene	2.118	2.110	1.978	1.966	2.007	1.953	2.022	3.65#
69)	T m/p-Xylenes	0.738	0.723	0.689	0.680	0.698	0.678	0.701	3.47
70)	T o-Xylene	0.774	0.749	0.688	0.672	0.688	0.679	0.708	5.96
71)	T Styrene	1.139	1.104	1.115	1.107	1.160	1.141	1.128	2.00
72)	P Bromoform	0.244	0.246	0.242	0.232	0.245	0.239	0.241	2.23
73)	I 1,4-Dichlorobenzene-d	-----ISTD-----							
74)	T Isopropylbenzene	5.367	5.510	5.021	4.761	4.775	4.621	5.009	7.17
75)	T N-amyl acetate	1.931	2.025	2.048	1.926	2.035	1.960	1.987	2.77
76)	P 1,1,2,2-Tetrachlo	1.739	1.520	1.438	1.259	1.294	1.208	1.410	14.12
77)	T 1,2,3-Trichloropr	1.426	1.362	1.381	1.185	1.123	1.055	1.255	12.28
78)	T Bromobenzene	1.113	1.080	0.973	0.905	0.922	0.888	0.980	9.70
79)	T n-propylbenzene	6.351	6.282	5.929	5.787	5.805	5.689	5.974	4.64
80)	T 2-Chlorotoluene	4.143	3.976	3.641	3.386	3.430	3.336	3.652	9.21
81)	T 1,3,5-Trimethylbe	4.399	4.342	4.035	3.838	3.887	3.793	4.049	6.48
82)	T trans-1,4-Dichlor	0.499	0.522	0.497	0.462	0.484	0.474	0.490	4.28
83)	T 4-Chlorotoluene	3.891	3.649	3.541	3.459	3.456	3.388	3.564	5.14
84)	T tert-Butylbenzene	3.571	3.629	3.241	3.049	3.062	3.037	3.265	8.29
85)	T 1,2,4-Trimethylbe	4.227	4.309	4.031	3.884	3.910	3.800	4.027	5.03
86)	T sec-Butylbenzene	5.135	5.117	4.862	4.727	4.738	4.599	4.863	4.52
87)	T p-Isopropyltoluen	3.633	3.819	3.661	3.598	3.632	3.536	3.646	2.60
88)	T 1,3-Dichlorobenze	1.772	1.794	1.683	1.631	1.653	1.615	1.691	4.43
89)	T 1,4-Dichlorobenze	1.981	1.723	1.694	1.624	1.641	1.606	1.712	8.13
90)	T n-Butylbenzene	3.470	3.561	3.520	3.718	3.765	3.814	3.641	3.91
91)	T Hexachloroethane	0.866	0.816	0.776	0.745	0.753	0.722	0.780	6.78
92)	T 1,2-Dichlorobenze	1.829	1.808	1.710	1.609	1.620	1.562	1.690	6.56
93)	T 1,2-Dibromo-3-Chl	0.321	0.265	0.273	0.247	0.278	0.272	0.276	8.92
94)	T 1,2,4-Trichlorobe	0.749	0.736	0.870	0.910	0.960	1.015	0.873	12.88
95)	T Hexachlorobutadie	0.524	0.516	0.461	0.468	0.450	0.452	0.478	6.91
96)	T Naphthalene	1.722	1.913	2.340	2.341	2.721	2.877	2.319	19.23
97)	T 1,2,3-Trichlorobe	0.787	0.757	0.881	0.879	0.946	0.970	0.870	9.71

(#) = Out of Range