

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\
 Method File : 82N090619W.M
 Title : SW846 8260
 Last Update : Fri Sep 06 03:46:54 2019
 Response Via : Initial Calibration

Calibration Files

1 =VN057702.D 5 =VN057703.D 20 =VN057704.D
 50 =VN057705.D 100 =VN057706.D 150 =VN057707.D

	Compound	1	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.719	0.784	0.877	0.791	0.787	0.806	0.794	6.36
3) P	Chloromethane	3.177	1.353	1.140	0.939	0.874	0.870	1.392	64.22
4) C	Vinyl Chloride	0.654	0.733	0.725	0.679	0.655	0.680	0.688	4.93#
5) T	Bromomethane		0.335	0.314	0.308	0.301	0.322	0.316	4.14
6) T	Chloroethane	0.427	0.403	0.434	0.397	0.384	0.392	0.406	4.88
7) T	Trichlorofluorome	1.062	1.086	1.206	1.096	1.108	1.063	1.104	4.84
8) T	Diethyl Ether	0.375	0.449	0.505	0.453	0.422	0.441	0.441	9.64
9) T	1,1,2-Trichlorotr	0.657	0.723	0.746	0.683	0.651	0.672	0.689	5.51
10) T	Methyl Iodide		0.541	0.629	0.705	0.741	0.795	0.682	14.52
11) T	Tert butyl alcoho		0.146	0.144	0.134	0.132	0.136	0.138	4.53
12) CM	1,1-Dichloroethen	0.587	0.662	0.647	0.610	0.598	0.614	0.620	4.64#
13) T	Acrolein		0.072	0.065	0.064	0.063	0.064	0.066	5.65
14) T	Allyl chloride	1.346	1.413	1.486	1.421	1.389	1.443	1.416	3.35
15) T	Acrylonitrile	0.305	0.364	0.388	0.363	0.350	0.363	0.355	7.76
16) T	Acetone	0.407	0.368	0.392	0.365	0.355	0.359	0.374	5.48
17) T	Carbon Disulfide	1.226	1.329	1.503	1.427	1.436	1.503	1.404	7.70
18) T	Methyl Acetate	1.115	1.106	1.015	0.977	0.934	0.960	1.018	7.51
19) T	Methyl tert-butyl	2.473	2.723	2.751	2.597	2.500	2.565	2.602	4.39
20) T	Methylene Chlorid	0.921	0.838	0.830	0.781	0.738	0.747	0.809	8.48
21) T	trans-1,2-Dichlor	0.619	0.660	0.698	0.658	0.631	0.647	0.652	4.23
22) T	Diisopropyl ether	2.841	3.088	3.218	2.960	2.885	2.982	2.996	4.62
23) T	Vinyl Acetate	2.223	2.402	2.697	2.552	2.414	2.259	2.425	7.36
24) P	1,1-Dichloroethan	1.555	1.535	1.661	1.522	1.455	1.488	1.536	4.60
25) T	2-Butanone	0.482	0.559	0.580	0.541	0.520	0.534	0.536	6.31
26) T	2,2-Dichloropropa	1.061	1.323	1.398	1.323	1.269	1.313	1.281	9.04
27) T	cis-1,2-Dichloroe	0.760	0.845	0.901	0.812	0.795	0.797	0.818	5.99
28) T	Bromochloromethan	0.851	0.845	0.800	0.728	0.816	0.782	0.804	5.65
29) T	Tetrahydrofuran	0.345	0.358	0.363	0.343	0.330	0.336	0.346	3.63
30) C	Chloroform	1.582	1.629	1.718	1.581	1.531	1.561	1.600	4.12#
31) T	Cyclohexane		1.622	1.457	1.284	1.217	1.246	1.365	12.53
32) T	1,1,1-Trichloroet	1.209	1.278	1.437	1.354	1.344	1.376	1.333	5.97
33) S	1,2-Dichloroethan		1.286	1.110	1.245	1.229	1.212	1.216	5.38

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.469	0.414	0.466	0.463	0.465	0.455	5.10
36) T	1,1-Dichloroprope	0.704	0.643	0.723	0.654	0.626	0.642	0.665	5.83
37) T	Ethyl Acetate	0.561	0.691	0.665	0.697	0.664	0.685	0.660	7.68
38) T	Carbon Tetrachlor	0.537	0.595	0.677	0.668	0.655	0.690	0.637	9.31
39) T	Methylcyclohexane	0.669	0.681	0.771	0.719	0.682	0.699	0.704	5.29
40) TM	Benzene	1.842	1.871	2.047	1.888	1.804	1.836	1.881	4.59
41) T	Methacrylonitrile	0.336	0.306	0.311	0.320	0.310	0.354	0.323	5.73
42) TM	1,2-Dichloroethan	0.846	0.932	0.933	0.891	0.838	0.852	0.882	4.87
43) T	Isopropyl Acetate	1.166	1.248	1.368	1.274	1.241	1.308	1.268	5.39
44) TM	Trichloroethene	0.391	0.400	0.454	0.440	0.419	0.433	0.423	5.72
45) C	1,2-Dichloropropa	0.473	0.543	0.579	0.543	0.503	0.517	0.526	7.04#
46) T	Dibromomethane	0.304	0.322	0.379	0.349	0.331	0.340	0.338	7.51
47) T	Bromodichlorometh	0.629	0.644	0.769	0.753	0.732	0.777	0.717	9.02
48) T	Methyl methacryla	0.683	0.622	0.697	0.649	0.605	0.655	0.652	5.33
49) T	1,4-Dioxane	0.007	0.007	0.008	0.008	0.008	0.008	0.008	7.90
50) S	Toluene-d8		1.617	1.543	1.765	1.746	1.753	1.685	5.92
51) T	4-Methyl-2-Pentan	0.649	0.707	0.790	0.738	0.687	0.654	0.704	7.61
52) CM	Toluene	1.067	1.135	1.224	1.154	1.115	1.147	1.140	4.51#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53)	T t-1,3-Dichloropro	0.540	0.639	0.770	0.774	0.774	0.821	0.720	14.90
54)	T cis-1,3-Dichlorop	0.615	0.730	0.839	0.823	0.811	0.848	0.778	11.61
55)	T 1,1,2-Trichloroet	0.405	0.483	0.492	0.467	0.445	0.461	0.459	6.78
56)	T Ethyl methacrylat	0.576	0.732	0.795	0.764	0.744	0.784	0.732	10.95
57)	T 1,3-Dichloropropa	0.765	0.851	0.894	0.823	0.793	0.818	0.824	5.46
58)	T 2-Chloroethyl Vin	0.347	0.367	0.392	0.391	0.365	0.368	0.372	4.59
59)	T 2-Hexanone	0.403	0.492	0.553	0.526	0.503	0.502	0.496	10.21
60)	T Dibromochlorometh	0.337	0.385	0.461	0.485	0.485	0.517	0.445	15.55
61)	T 1,2-Dibromoethane	0.344	0.446	0.470	0.464	0.453	0.467	0.441	10.96
62)	S 4-Bromofluorobenz		0.717	0.617	0.714	0.715	0.736	0.700	6.76
63)	I Chlorobenzene-d5	-----ISTD-----							
64)	T Tetrachloroethene	0.411	0.378	0.411	0.380	0.376	0.383	0.390	4.24
65)	PM Chlorobenzene	1.329	1.314	1.342	1.285	1.258	1.298	1.304	2.34
66)	T 1,1,1,2-Tetrachlo	0.397	0.412	0.481	0.473	0.471	0.490	0.454	8.64
67)	C Ethyl Benzene	2.431	2.548	2.684	2.558	2.463	2.416	2.517	4.01#
68)	T m/p-Xylenes	0.792	0.829	0.938	0.885	0.870	0.886	0.867	5.86
69)	T o-Xylene	0.803	0.840	0.919	0.869	0.850	0.868	0.858	4.49
70)	T Styrene	1.341	1.430	1.556	1.512	1.523	1.548	1.485	5.63
71)	P Bromoform	0.209	0.242	0.285	0.313	0.339	0.363	0.292	20.05
72)	I 1,4-Dichlorobenzene-d	-----ISTD-----							
73)	T Isopropylbenzene	4.249	4.665	4.857	4.458	4.188	4.106	4.420	6.67
74)	T N-amyl acetate	2.043	2.059	2.404	2.266	2.190	2.287	2.208	6.33
75)	P 1,1,2,2-Tetrachlo	1.306	1.329	1.494	1.326	1.234	1.265	1.326	6.80
76)	T 1,2,3-Trichloropr	1.285	1.174	1.186	1.090	1.025	1.129	1.148	7.76
77)	T Bromobenzene	0.902	0.989	1.047	0.964	0.920	0.941	0.960	5.45
78)	T n-propylbenzene	5.259	5.297	5.762	5.390	5.030	4.773	5.252	6.38
79)	T 2-Chlorotoluene	3.080	3.366	3.447	3.190	3.040	3.060	3.197	5.38
80)	T 1,3,5-Trimethylbe	3.512	3.864	4.128	3.780	3.629	3.619	3.755	5.90
81)	T trans-1,4-Dichlor		0.317	0.359	0.375	0.384	0.411	0.369	9.46
82)	T 4-Chlorotoluene	3.034	3.488	3.512	3.309	3.188	3.225	3.293	5.58
83)	T tert-Butylbenzene	3.110	3.258	3.453	3.144	2.993	3.035	3.166	5.32
84)	T 1,2,4-Trimethylbe	3.367	3.787	4.127	3.817	3.628	3.591	3.720	6.90
85)	T sec-Butylbenzene	4.201	4.524	4.754	4.385	4.195	4.109	4.361	5.60
86)	T p-Isopropyltoluen	3.223	3.797	4.038	3.797	3.679	3.644	3.696	7.30
87)	T 1,3-Dichlorobenze	1.783	1.797	1.917	1.771	1.726	1.778	1.795	3.59
88)	T 1,4-Dichlorobenze	1.820	1.813	1.889	1.764	1.718	1.771	1.796	3.27
89)	T n-Butylbenzene	3.295	3.653	3.898	3.739	3.665	3.682	3.655	5.43
90)	T Hexachloroethane	0.477	0.497	0.595	0.620	0.625	0.661	0.579	12.90
91)	T 1,2-Dichlorobenze	1.739	1.793	1.879	1.779	1.684	1.732	1.768	3.78
92)	T 1,2-Dibromo-3-Chl	0.188	0.254	0.282	0.280	0.273	0.289	0.261	14.39
93)	T 1,2,4-Trichlorobe	0.862	1.014	1.108	1.097	1.101	1.163	1.057	10.12
94)	T Hexachlorobutadie	0.448	0.553	0.527	0.523	0.516	0.525	0.515	6.85
95)	T Naphthalene	2.763	2.927	3.161	3.141	3.149	3.266	3.068	6.06
96)	T 1,2,3-Trichlorobe	0.883	0.949	1.074	1.037	1.051	1.087	1.014	7.90

(#) = Out of Range