

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N012521W.M
 Title : SW846 8260
 Last Update : Mon Jan 25 13:47:28 2021
 Response Via : Initial Calibration

Calibration Files

1 =VN065574.D 5 =VN065568.D 20 =VN065569.D 50 =VN065570.D 100 =VN065571.D 150 =VN065572.D

Compound		1	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.534	0.561	0.518	0.578	0.589	0.580	0.560	5.04
3) P	Chloromethane	0.759	0.867	0.776	0.847	0.854	0.836	0.823	5.38
4) C	Vinyl Chloride	0.783	0.859	0.780	0.852	0.872	0.855	0.833	4.88#
5) T	Bromomethane		0.502	0.453	0.497	0.471	0.489	0.482	4.19
6) T	Chloroethane	0.436	0.500	0.455	0.506	0.508	0.488	0.482	6.23
7) T	Trichlorofluor...	0.810	0.924	0.800	0.898	0.910	0.886	0.871	6.06
8) T	Diethyl Ether	0.393	0.440	0.382	0.424	0.431	0.421	0.415	5.50
9) T	1,1,2-Trichlor...	0.501	0.541	0.505	0.534	0.543	0.548	0.529	3.87
10) T	Methyl Iodide		0.751	0.704	0.797	0.820	0.804	0.775	6.11
11) T	Tert butyl alc...		0.128	0.114	0.127	0.121	0.125	0.123	4.78
12) CM	1,1-Dichloroet...	0.696	0.641	0.543	0.591	0.595	0.587	0.609	8.65#
13) T	Acrolein		0.054	0.094	0.107	0.107	0.114	0.095	25.02
14) T	Allyl chloride	0.924	1.182	1.070	1.179	1.215	1.201	1.128	9.96
15) T	Acrylonitrile	0.287	0.321	0.297	0.336	0.343	0.341	0.321	7.44
16) T	Acetone	0.278	0.271	0.235	0.257	0.246	0.249	0.256	6.27
17) T	Carbon Disulfide	2.440	1.834	1.647	1.817	1.881	1.879	1.916	14.13
18) T	Methyl Acetate	0.733	0.769	0.641	0.710	0.729	0.723	0.718	5.87
19) T	Methyl tert-bu...	1.887	2.193	1.882	2.060	2.106	2.063	2.032	6.09
20) T	Methylene Chlo...	0.721	0.774	0.653	0.692	0.715	0.701	0.709	5.62
21) T	trans-1,2-Dich...	0.688	0.685	0.579	0.634	0.654	0.642	0.647	6.19
22) T	Diisopropyl ether	2.111	2.480	2.194	2.359	2.385	2.311	2.307	5.81
23) T	Vinyl Acetate	1.610	1.921	1.741	1.929	1.955	1.900	1.842	7.45
24) P	1,1-Dichloroet...	1.024	1.336	1.161	1.275	1.304	1.276	1.229	9.47
25) T	2-Butanone	0.323	0.423	0.377	0.428	0.429	0.430	0.402	10.84
26) T	2,2-Dichloropr...	0.900	1.079	0.915	0.997	1.016	0.997	0.984	6.79
27) T	cis-1,2-Dichlo...	0.705	0.786	0.694	0.742	0.764	0.757	0.741	4.79
28) T	Bromochloromet...	0.517	0.571	0.481	0.492	0.514	0.523	0.517	6.05
29) T	Tetrahydrofuran	0.299	0.317	0.263	0.292	0.289	0.288	0.291	6.05
30) C	Chloroform	1.075	1.190	1.044	1.150	1.179	1.156	1.132	5.23#
31) T	Cyclohexane		1.443	1.124	1.209	1.206	1.204	1.237	9.74
32) T	1,1,1-Trichlor...	0.849	0.998	0.856	0.937	0.955	0.936	0.922	6.33
33) S	1,2-Dichloroet...		0.728	0.609	0.629	0.651	0.671	0.658	6.97
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.317	0.270	0.285	0.301	0.309	0.296	6.40
36) T	1,1-Dichloropr...	0.486	0.522	0.458	0.507	0.524	0.523	0.503	5.28
37) T	Ethyl Acetate	0.352	0.552	0.467	0.509	0.512	0.506	0.483	14.40
38) T	Carbon Tetrach...	0.357	0.440	0.390	0.428	0.439	0.432	0.414	8.07
39) T	Methylcyclohexane	0.629	0.628	0.538	0.620	0.628	0.641	0.614	6.16
40) TM	Benzene	1.382	1.647	1.424	1.575	1.608	1.584	1.537	7.00
41) T	Methacrylonitrile	0.279	0.262	0.226	0.256	0.271	0.262	0.259	7.03
42) TM	1,2-Dichloroet...	0.369	0.504	0.439	0.482	0.494	0.492	0.463	11.10
43) T	Isopropyl Acetate	0.876	0.857	0.791	0.859	0.877	0.875	0.856	3.87
44) TM	Trichloroethene	0.347	0.397	0.345	0.376	0.389	0.383	0.373	5.90
45) C	1,2-Dichloropr...	0.363	0.465	0.389	0.434	0.445	0.440	0.423	9.14#
46) T	Dibromomethane	0.203	0.243	0.221	0.242	0.246	0.245	0.234	7.44
47) T	Bromodichlorom...	0.457	0.540	0.451	0.510	0.525	0.522	0.501	7.47
48) T	Methyl methacr...	0.411	0.410	0.367	0.414	0.418	0.416	0.406	4.82
49) T	1,4-Dioxane	0.006	0.007	0.006	0.007	0.007	0.007	0.007	8.56
50) S	Toluene-d8		1.288	1.047	1.108	1.172	1.209	1.165	7.96
51) T	4-Methyl-2-Pen...	0.434	0.499	0.442	0.490	0.487	0.479	0.472	5.74
52) CM	Toluene	0.813	0.980	0.844	0.923	0.957	0.945	0.910	7.35#
53) T	t-1,3-Dichloro...	0.500	0.605	0.540	0.602	0.629	0.625	0.583	8.86
54) T	cis-1,3-Dichlo...	0.553	0.675	0.609	0.669	0.700	0.693	0.650	8.81
55) T	1,1,2-Trichlor...	0.320	0.367	0.325	0.353	0.361	0.358	0.347	5.68
56) T	Ethyl methacry...	0.502	0.596	0.533	0.597	0.611	0.605	0.574	7.89

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57)	T	1,3-Dichloropr...	0.537	0.635	0.573	0.627	0.652	0.642	0.611	7.45
58)	T	2-Chloroethyl ...	0.239	0.279	0.249	0.272	0.276	0.276	0.265	6.38
59)	T	2-Hexanone	0.283	0.340	0.306	0.346	0.343	0.348	0.328	8.23
60)	T	Dibromochlorom...	0.311	0.371	0.327	0.364	0.381	0.376	0.355	8.16
61)	T	1,2-Dibromoethane	0.297	0.361	0.320	0.358	0.371	0.368	0.346	8.73
62)	S	4-Bromofluorob...	0.435	0.384	0.399	0.432	0.448	0.419		6.39
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.446	0.466	0.384	0.406	0.415	0.397	0.419	7.41
65)	PM	Chlorobenzene	0.971	1.109	0.970	1.056	1.093	1.077	1.046	5.83
66)	T	1,1,1,2-Tetrac...	0.335	0.390	0.348	0.377	0.389	0.379	0.370	6.19
67)	C	Ethyl Benzene	1.837	2.094	1.816	1.985	2.051	2.007	1.965	5.80#
68)	T	m/p-Xylenes	0.659	0.750	0.657	0.725	0.743	0.735	0.711	5.98
69)	T	o-Xylene	0.635	0.747	0.641	0.694	0.720	0.700	0.689	6.38
70)	T	Styrene	0.979	1.164	1.061	1.187	1.217	1.201	1.135	8.32
71)	P	Bromoform	0.204	0.263	0.246	0.270	0.278	0.273	0.256	10.87
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.418	5.013	4.047	4.334	4.383	4.071	4.378	7.99
74)	T	N-amyl acetate	1.692	1.946	1.731	1.926	1.942	1.873	1.852	6.06
75)	P	1,1,2,2-Tetrac...	1.360	1.474	1.189	1.255	1.254	1.226	1.293	8.16
76)	T	1,2,3-Trichlor...	1.381	1.567	1.227	1.272	1.179	1.218	1.307	11.07
77)	T	Bromobenzene	0.921	1.069	0.880	0.938	0.977	0.903	0.948	7.15
78)	T	n-propylbenzene	5.489	5.634	4.709	5.078	5.171	4.873	5.159	6.86
79)	T	2-Chlorotoluene	3.333	3.455	2.805	2.977	3.007	2.808	3.064	8.87
80)	T	1,3,5-Trimethy...	3.956	4.198	3.431	3.637	3.687	3.456	3.727	8.01
81)	T	trans-1,4-Dich...	0.541	0.480	0.509	0.521	0.502	0.510		4.42
82)	T	4-Chlorotoluene	3.432	3.390	2.797	3.064	3.127	2.960	3.128	7.87
83)	T	tert-Butylbenzene	3.304	3.581	2.842	3.019	3.047	2.857	3.108	9.18
84)	T	1,2,4-Trimethy...	3.892	4.179	3.429	3.611	3.706	3.488	3.718	7.51
85)	T	sec-Butylbenzene	4.590	4.607	3.813	4.105	4.153	3.908	4.196	8.00
86)	T	p-Isopropyltol...	3.923	3.975	3.408	3.653	3.743	3.530	3.705	5.95
87)	T	1,3-Dichlorobe...	1.754	1.777	1.522	1.691	1.724	1.671	1.690	5.39
88)	T	1,4-Dichlorobe...	1.945	1.765	1.502	1.672	1.725	1.679	1.715	8.41
89)	T	n-Butylbenzene	3.386	3.470	2.963	3.352	3.466	3.334	3.329	5.65
90)	T	Hexachloroethane	0.603	0.692	0.596	0.656	0.689	0.654	0.648	6.29
91)	T	1,2-Dichlorobe...	1.712	1.801	1.543	1.661	1.680	1.661	1.676	4.99
92)	T	1,2-Dibromo-3-...	0.249	0.257	0.230	0.265	0.267	0.272	0.257	6.02
93)	T	1,2,4-Trichlor...	0.829	0.678	0.758	0.966	1.031	1.082	0.891	18.03
94)	T	Hexachlorobuta...	0.666	0.476	0.387	0.409	0.412	0.418	0.461	22.67
95)	T	Naphthalene	2.887	2.158	2.330	3.047	3.341	3.437	2.867	18.28
96)	T	1,2,3-Trichlor...	1.013	0.723	0.771	0.946	1.031	1.049	0.922	15.30

(#) = Out of Range