

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N011821W.M
 Title : SW846 8260
 Last Update : Mon Jan 18 18:11:15 2021
 Response Via : Initial Calibration

Calibration Files

1 =VN065539.D 5 =VN065540.D 20 =VN065541.D 50 =VN065542.D 100 =VN065543.D 150 =VN065544.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.396	0.440	0.356	0.383	0.393	0.385	0.392	7.04
3) P	Chloromethane	0.536	0.548	0.447	0.467	0.492	0.492	0.497	7.83
4) C	Vinyl Chloride	0.534	0.591	0.487	0.530	0.558	0.553	0.542	6.38#
5) T	Bromomethane		0.486	0.353	0.383	0.295	0.159	0.335	35.93
6) T	Chloroethane	0.346	0.366	0.321	0.340	0.359	0.355	0.348	4.62
7) T	Trichlorofluor...	0.706	0.778	0.664	0.709	0.739	0.725	0.720	5.29
8) T	Diethyl Ether	0.265	0.318	0.267	0.296	0.307	0.302	0.293	7.46
9) T	1,1,2-Trichlor...	0.409	0.463	0.399	0.430	0.438	0.424	0.427	5.30
10) T	Methyl Iodide		0.676	0.627	0.703	0.750	0.741	0.699	7.15
11) T	Tert butyl alc...		0.057	0.054	0.057	0.062	0.064	0.059	6.68
12) CM	1,1-Dichloroet...	0.484	0.493	0.403	0.439	0.455	0.446	0.453	7.17#
13) T	Acrolein		0.048	0.065	0.070	0.072	0.072	0.066	15.50
14) T	Allyl chloride	0.543	0.630	0.554	0.607	0.639	0.635	0.601	7.09
15) T	Acrylonitrile	0.165	0.198	0.178	0.198	0.206	0.202	0.191	8.38
16) T	Acetone	0.217	0.166	0.147	0.150	0.151	0.149	0.163	16.70
17) T	Carbon Disulfide	1.273	1.169	0.950	1.050	1.136	1.140	1.120	9.80
18) T	Methyl Acetate	0.568	0.474	0.404	0.429	0.438	0.423	0.456	13.04
19) T	Methyl tert-bu...	1.118	1.305	1.161	1.296	1.359	1.339	1.263	7.85
20) T	Methylene Chlo...	0.583	0.550	0.441	0.474	0.490	0.483	0.504	10.44
21) T	trans-1,2-Dich...	0.443	0.465	0.407	0.443	0.463	0.453	0.446	4.70
22) T	Diisopropyl ether	1.118	1.331	1.184	1.292	1.345	1.320	1.265	7.31
23) T	Vinyl Acetate	0.870	1.022	0.936	1.049	1.088	1.063	1.005	8.36
24) P	1,1-Dichloroet...	0.769	0.807	0.726	0.780	0.804	0.788	0.779	3.81
25) T	2-Butanone	0.205	0.235	0.220	0.238	0.243	0.237	0.230	6.21
26) T	2,2-Dichloropr...	0.599	0.671	0.587	0.648	0.667	0.654	0.638	5.64
27) T	cis-1,2-Dichlo...	0.472	0.532	0.470	0.523	0.545	0.537	0.513	6.53
28) T	Bromochloromet...	0.317	0.353	0.298	0.306	0.322	0.329	0.321	6.11
29) T	Tetrahydrofuran	0.134	0.162	0.147	0.161	0.166	0.162	0.155	8.02
30) C	Chloroform	0.771	0.837	0.736	0.798	0.825	0.809	0.796	4.64#
31) T	Cyclohexane		0.809	0.622	0.671	0.702	0.682	0.697	9.90
32) T	1,1,1-Trichlor...	0.646	0.710	0.626	0.687	0.711	0.705	0.681	5.35
33) S	1,2-Dichloroet...		0.501	0.419	0.453	0.466	0.471	0.462	6.41
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.312	0.263	0.297	0.310	0.311	0.299	6.98
36) T	1,1-Dichloropr...	0.394	0.423	0.378	0.415	0.440	0.431	0.414	5.69
37) T	Ethyl Acetate	0.344	0.402	0.324	0.353	0.362	0.349	0.356	7.28
38) T	Carbon Tetrach...	0.360	0.426	0.380	0.420	0.450	0.433	0.412	8.33
39) T	Methylcyclohexane	0.450	0.492	0.439	0.499	0.531	0.515	0.488	7.40
40) TM	Benzene	1.212	1.350	1.179	1.304	1.358	1.321	1.287	5.80
41) T	Methacrylonitrile	0.205	0.188	0.174	0.169	0.178	0.177	0.182	7.19
42) TM	1,2-Dichloroet...	0.377	0.433	0.388	0.413	0.428	0.415	0.409	5.38
43) T	Isopropyl Acetate	0.515	0.575	0.530	0.582	0.616	0.606	0.571	7.07
44) TM	Trichloroethene	0.379	0.392	0.348	0.387	0.405	0.393	0.384	5.09
45) C	1,2-Dichloropr...	0.301	0.342	0.303	0.337	0.349	0.343	0.329	6.54#
46) T	Dibromomethane	0.204	0.234	0.207	0.226	0.234	0.230	0.222	6.17
47) T	Bromodichlorom...	0.358	0.417	0.389	0.439	0.465	0.460	0.421	9.98
48) T	Methyl methacr...	0.256	0.278	0.265	0.293	0.303	0.302	0.283	6.97
49) T	1,4-Dioxane	0.003	0.004	0.004	0.004	0.005	0.005	0.004	17.00
50) S	Toluene-d8		1.149	0.987	1.107	1.172	1.187	1.121	7.17
51) T	4-Methyl-2-Pen...	0.302	0.349	0.324	0.354	0.374	0.367	0.345	7.90
52) CM	Toluene	0.711	0.835	0.753	0.837	0.888	0.871	0.816	8.49#
53) T	t-1,3-Dichloro...	0.408	0.439	0.431	0.502	0.543	0.544	0.478	12.50
54) T	cis-1,3-Dichlo...	0.426	0.504	0.481	0.547	0.588	0.580	0.521	11.99
55) T	1,1,2-Trichlor...	0.305	0.334	0.298	0.333	0.350	0.344	0.327	6.46
56) T	Ethyl methacry...	0.326	0.414	0.407	0.475	0.513	0.511	0.441	16.43

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57)	T	1,3-Dichloropr...	0.478	0.552	0.495	0.552	0.575	0.570	0.537	7.50
58)	T	2-Chloroethyl ...	0.177	0.208	0.196	0.222	0.236	0.234	0.212	10.79
59)	T	2-Hexanone	0.199	0.239	0.231	0.258	0.280	0.279	0.248	12.60
60)	T	Dibromochlorom...	0.292	0.340	0.324	0.384	0.416	0.415	0.362	14.08
61)	T	1,2-Dibromoethane	0.303	0.353	0.313	0.358	0.380	0.375	0.347	9.21
62)	S	4-Bromofluorob...	0.397	0.355	0.412	0.460	0.479	0.421		11.85
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.520	0.519	0.432	0.459	0.453	0.432	0.469	8.64
65)	PM	Chlorobenzene	0.996	1.048	0.919	1.014	1.064	1.045	1.014	5.22
66)	T	1,1,1,2-Tetrac...	0.337	0.367	0.342	0.384	0.401	0.395	0.371	7.34
67)	C	Ethyl Benzene	1.562	1.667	1.516	1.707	1.802	1.768	1.670	6.76#
68)	T	m/p-Xylenes	0.584	0.663	0.610	0.680	0.722	0.710	0.662	8.29
69)	T	o-Xylene	0.575	0.623	0.585	0.655	0.700	0.689	0.638	8.24
70)	T	Styrene	0.833	1.001	0.978	1.116	1.210	1.196	1.056	13.77
71)	P	Bromoform	0.191	0.273	0.271	0.322	0.359	0.360	0.296	21.82
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.325	3.470	2.983	3.213	3.248	3.082	3.220	5.37
74)	T	N-amyl acetate	1.030	1.066	0.942	1.069	1.134	1.107	1.058	6.33
75)	P	1,1,2,2-Tetrac...	0.985	1.075	0.878	0.921	0.939	0.901	0.950	7.50
76)	T	1,2,3-Trichlor...	0.907	0.985	0.872	0.851	0.921	0.898	0.906	5.11
77)	T	Bromobenzene	1.005	1.026	0.870	0.929	0.947	0.908	0.948	6.22
78)	T	n-propylbenzene	3.574	3.802	3.308	3.615	3.714	3.559	3.595	4.68
79)	T	2-Chlorotoluene	2.419	2.380	2.017	2.153	2.196	2.126	2.215	6.99
80)	T	1,3,5-Trimethy...	2.607	2.914	2.569	2.788	2.851	2.717	2.741	4.97
81)	T	trans-1,4-Dich...	0.282	0.273	0.317	0.346	0.340	0.312		10.60
82)	T	4-Chlorotoluene	2.233	2.440	2.077	2.264	2.337	2.277	2.271	5.28
83)	T	tert-Butylbenzene	2.304	2.562	2.231	2.405	2.472	2.361	2.389	4.95
84)	T	1,2,4-Trimethy...	2.596	2.865	2.577	2.788	2.901	2.798	2.754	4.96
85)	T	sec-Butylbenzene	3.057	3.255	2.890	3.123	3.239	3.088	3.109	4.30
86)	T	p-Isopropyltol...	2.659	2.933	2.686	2.992	3.097	2.988	2.893	6.18
87)	T	1,3-Dichlorobe...	1.526	1.674	1.471	1.620	1.692	1.647	1.605	5.48
88)	T	1,4-Dichlorobe...	1.771	1.682	1.474	1.615	1.690	1.640	1.645	6.05
89)	T	n-Butylbenzene	2.133	2.313	2.095	2.421	2.579	2.498	2.340	8.37
90)	T	Hexachloroethane	0.415	0.454	0.423	0.490	0.535	0.525	0.474	10.80
91)	T	1,2-Dichlorobe...	1.704	1.686	1.469	1.598	1.651	1.595	1.617	5.25
92)	T	1,2-Dibromo-3-...	0.113	0.142	0.157	0.179	0.192	0.187	0.161	18.95
93)	T	1,2,4-Trichlor...	0.623	0.684	0.774	0.979	1.062	1.062	0.864	22.57
94)	T	Hexachlorobuta...	0.699	0.640	0.518	0.550	0.563	0.540	0.585	11.89
95)	T	Naphthalene	1.471	1.539	1.872	2.469	2.744	2.710	2.134	27.15
96)	T	1,2,3-Trichlor...	0.723	0.691	0.772	0.943	1.013	1.019	0.860	17.31

(#) = Out of Range