

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N083021W.M
 Title : SW846 8260
 Last Update : Tue Aug 31 02:20:58 2021
 Response Via : Initial Calibration

Calibration Files

1 =VN068360.D 5 =VN068361.D 10 =VN068355.D 20 =VN068356.D 50 =VN068357.D 100 =VN068358.D

	Compound	1	5	10	20	50	100	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.444	0.421	0.403	0.443	0.401	0.385	0.416	5.86
3) P	Chloromethane	0.524	0.465	0.407	0.453	0.398	0.370	0.436	12.76
4) C	Vinyl Chloride	0.714	0.729	0.630	0.712	0.637	0.567	0.665	9.58#
5) T	Bromomethane		0.776	0.661	0.668	0.554	0.530	0.638	15.55
6) T	Chloroethane	0.564	0.531	0.457	0.498	0.445	0.365	0.477	14.80
7) T	Trichlorofluor...	1.486	1.450	1.248	1.406	1.241	1.095	1.321	11.43
8) T	Diethyl Ether	0.294	0.444	0.362	0.423	0.401	0.359	0.381	14.15
9) T	1,1,2-Trichlor...	0.473	0.452	0.397	0.424	0.390	0.366	0.417	9.71
10) T	Methyl Iodide		0.468	0.468	0.574	0.577	0.573	0.532	11.01
11) T	Tert butyl alc...		0.078	0.059	0.068	0.066	0.063	0.067	10.89
12) CM	1,1-Dichloroet...	0.440	0.404	0.371	0.411	0.367	0.346	0.390	8.86#
13) T	Acrolein		0.050	0.044	0.043	0.039	0.041	0.043	9.73
14) T	Allyl chloride	0.514	0.520	0.457	0.518	0.477	0.457	0.490	6.18
15) T	Acrylonitrile	0.188	0.196	0.170	0.191	0.177	0.172	0.182	5.93
16) T	Acetone	0.223	0.184	0.167	0.160	0.140	0.130	0.167	19.97
17) T	Carbon Disulfide	1.218	1.067	0.974	1.078	0.997	0.973	1.051	8.91
18) T	Methyl Acetate	0.627	0.498	0.411	0.446	0.398	0.368	0.458	20.54
19) T	Methyl tert-bu...	1.281	1.278	1.148	1.354	1.269	1.229	1.260	5.40
20) T	Methylene Chlo...	0.803	0.553	0.455	0.492	0.428	0.411	0.524	27.86
21) T	trans-1,2-Dich...	0.462	0.465	0.401	0.449	0.422	0.418	0.436	6.05
22) T	Diisopropyl ether	1.015	1.142	1.000	1.166	1.099	1.007	1.072	6.87
23) T	Vinyl Acetate	0.781	0.848	0.766	0.895	0.859	0.810	0.826	5.97
24) P	1,1-Dichloroet...	0.773	0.773	0.670	0.739	0.689	0.641	0.714	7.77
25) T	2-Butanone	0.245	0.254	0.218	0.243	0.229	0.216	0.234	6.58
26) T	2,2-Dichloropr...	0.705	0.714	0.610	0.699	0.654	0.609	0.665	7.21
27) T	cis-1,2-Dichlo...	0.510	0.539	0.471	0.542	0.513	0.491	0.511	5.39
28) T	Bromochloromet...	0.307	0.340	0.306	0.261	0.304	0.293	0.302	8.47
29) T	Tetrahydrofuran	0.153	0.153	0.139	0.163	0.152	0.140	0.150	5.98
30) C	Chloroform	0.942	0.918	0.784	0.893	0.841	0.764	0.857	8.46#
31) T	Cyclohexane		0.798	0.648	0.700	0.633	0.583	0.673	12.14
32) T	1,1,1-Trichlor...	0.818	0.830	0.734	0.819	0.797	0.745	0.791	5.20
33) S	1,2-Dichloroet...		0.544	0.506	0.537	0.506	0.459	0.510	6.60
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.323	0.289	0.322	0.329	0.323	0.317	5.05
36) T	1,1-Dichloropr...	0.425	0.394	0.340	0.409	0.414	0.403	0.398	7.50
37) T	Ethyl Acetate	0.368	0.325	0.298	0.338	0.334	0.325	0.331	6.86
38) T	Carbon Tetrach...	0.495	0.465	0.403	0.489	0.503	0.496	0.475	7.96
39) T	Methylcyclohexane	0.489	0.472	0.424	0.514	0.540	0.535	0.496	8.83
40) TM	Benzene	1.247	1.255	1.072	1.287	1.268	1.241	1.228	6.39
41) T	Methacrylonitrile	0.157	0.169	0.129	0.157	0.157	0.163	0.155	8.94
42) TM	1,2-Dichloroet...	0.426	0.418	0.375	0.433	0.420	0.397	0.412	5.28
43) T	Isopropyl Acetate	0.503	0.552	0.464	0.571	0.566	0.559	0.536	8.00
44) TM	Trichloroethene	0.413	0.378	0.329	0.381	0.384	0.390	0.379	7.28
45) C	1,2-Dichloropr...	0.282	0.299	0.246	0.299	0.297	0.288	0.285	7.10#
46) T	Dibromomethane	0.220	0.240	0.205	0.244	0.244	0.239	0.232	6.90
47) T	Bromodichlorom...	0.431	0.461	0.386	0.466	0.464	0.456	0.444	7.04
48) T	Methyl methacr...	0.251	0.220	0.190	0.244	0.260	0.242	0.234	10.79
49) T	1,4-Dioxane	0.005	0.005	0.005	0.006	0.006	0.006	0.006	10.79
50) S	Toluene-d8		1.106	1.084	1.195	1.287	1.261	1.187	7.61
51) T	4-Methyl-2-Pen...	0.314	0.339	0.289	0.358	0.359	0.351	0.335	8.40
52) CM	Toluene	0.778	0.814	0.707	0.869	0.910	0.879	0.826	9.10#
53) T	t-1,3-Dichloro...	0.410	0.425	0.369	0.461	0.488	0.493	0.441	10.99
54) T	cis-1,3-Dichlo...	0.438	0.457	0.401	0.490	0.509	0.516	0.468	9.54
55) T	1,1,2-Trichlor...	0.338	0.332	0.289	0.349	0.350	0.345	0.334	6.86
56) T	Ethyl methacry...	0.337	0.383	0.347	0.434	0.483	0.490	0.412	16.20

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N083021W.M

57)	T	1,3-Dichloropr...	0.482	0.508	0.438	0.531	0.533	0.522	0.502	7.30
58)	T	2-Chloroethyl ...	0.042	0.052	0.058	0.057	0.078	0.092	0.063	28.85
59)	T	2-Hexanone	0.224	0.229	0.200	0.241	0.254	0.250	0.233	8.44
60)	T	Dibromochlorom...	0.333	0.367	0.326	0.404	0.440	0.437	0.385	13.05
61)	T	1,2-Dibromoethane	0.328	0.342	0.307	0.368	0.388	0.383	0.353	9.16
62)	S	4-Bromofluorob...	0.341	0.347	0.382	0.437	0.440	0.389		12.20
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.401	0.390	0.335	0.401	0.417	0.399	0.391	7.33
65)	PM	Chlorobenzene	1.024	1.016	0.882	1.034	1.046	1.023	1.004	6.04
66)	T	1,1,1,2-Tetrac...	0.375	0.385	0.341	0.418	0.423	0.410	0.392	7.94
67)	C	Ethyl Benzene	1.650	1.569	1.431	1.727	1.766	1.708	1.642	7.56#
68)	T	m/p-Xylenes	0.619	0.625	0.576	0.721	0.727	0.700	0.661	9.51
69)	T	o-Xylene	0.563	0.601	0.557	0.690	0.714	0.693	0.636	11.13
70)	T	Styrene	0.854	0.907	0.863	1.102	1.148	1.136	1.002	14.11
71)	P	Bromoform	0.267	0.281	0.256	0.331	0.380	0.385	0.317	18.02
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.695	3.889	3.227	3.689	3.539	3.491	3.588	6.28
74)	T	N-amyl acetate	0.978	0.950	0.789	0.884	0.896	0.884	0.897	7.30
75)	P	1,1,2,2-Tetrac...	1.263	1.227	0.987	1.059	0.978	0.933	1.075	12.90
76)	T	1,2,3-Trichlor...	0.944	1.019	0.824	0.882	0.694	0.736	0.850	14.54
77)	T	Bromobenzene	1.132	1.048	0.890	1.000	1.002	1.020	1.015	7.71
78)	T	n-propylbenzene	3.880	3.991	3.424	3.943	3.806	3.763	3.801	5.34
79)	T	2-Chlorotoluene	2.556	2.508	2.153	2.427	2.259	2.207	2.351	7.14
80)	T	1,3,5-Trimethy...	2.740	3.118	2.666	3.126	2.945	2.901	2.916	6.50
81)	T	trans-1,4-Dich...	0.262	0.222	0.252	0.272	0.278	0.257		8.54
82)	T	4-Chlorotoluene	2.522	2.409	2.018	2.289	2.201	2.185	2.271	7.85
83)	T	tert-Butylbenzene	2.746	2.783	2.381	2.779	2.676	2.660	2.671	5.66
84)	T	1,2,4-Trimethy...	2.717	2.989	2.569	3.066	2.899	2.872	2.852	6.38
85)	T	sec-Butylbenzene	3.301	3.716	3.147	3.721	3.602	3.591	3.513	6.71
86)	T	p-Isopropyltol...	2.697	2.922	2.486	3.083	3.090	3.151	2.905	9.06
87)	T	1,3-Dichlorobe...	1.988	1.692	1.512	1.741	1.728	1.719	1.730	8.80
88)	T	1,4-Dichlorobe...	2.096	1.696	1.502	1.702	1.678	1.657	1.722	11.50
89)	T	n-Butylbenzene	2.469	2.107	1.806	2.165	2.242	2.349	2.190	10.43
90)	T	Hexachloroethane	0.577	0.582	0.500	0.563	0.558	0.578	0.560	5.49
91)	T	1,2-Dichlorobe...	1.911	1.623	1.431	1.667	1.634	1.586	1.642	9.48
92)	T	1,2-Dibromo-3-...	0.177	0.184	0.152	0.171	0.158	0.159	0.167	7.45
93)	T	1,2,4-Trichlor...	0.969	0.669	0.637	0.755	0.863	0.924	0.803	17.04
94)	T	Hexachlorobuta...	0.531	0.453	0.396	0.456	0.513	0.512	0.477	10.69
95)	T	Naphthalene	2.948	1.407	1.493	1.693	1.970	2.139	1.942	29.15
96)	T	1,2,3-Trichlor...	1.034	0.635	0.631	0.718	0.830	0.874	0.787	19.91

(#) = Out of Range