

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N061622W.M
 Title : SW846 8260
 Last Update : Fri Jun 17 06:04:26 2022
 Response Via : Initial Calibration

Calibration Files

1 =VN072879.D 5 =VN072880.D 20 =VN072882.D 50 =VN072883.D 100 =VN072884.D 10 =VN072881.D

	Compound	1	5	20	50	100	10	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.635	0.652	0.714	0.753	0.724	0.704	0.697	6.43
3) P	Chloromethane	0.881	0.781	0.758	0.827	0.805	0.744	0.799	6.28
4) C	Vinyl Chloride	0.627	0.585	0.609	0.644	0.616	0.599	0.613	3.43#
5) T	Bromomethane		0.261	0.280	0.279	0.117	0.261	0.240	28.91
6) T	Chloroethane	0.394	0.362	0.347	0.369	0.343	0.350	0.361	5.25
7) T	Trichlorofluor...	1.191	1.140	1.145	1.218	1.158	1.131	1.164	2.90
8) T	Diethyl Ether	0.455	0.502	0.497	0.521	0.487	0.479	0.490	4.61
9) T	1,1,2-Trichlor...	0.718	0.680	0.641	0.673	0.647	0.602	0.660	5.98
10) T	Methyl Iodide		0.743	0.829	0.932	0.927	0.729	0.832	11.64
11) T	Tert butyl alc...		0.259	0.227	0.248	0.241	0.228	0.241	5.68
12) CM	1,1-Dichloroet...	0.776	0.701	0.668	0.707	0.667	0.666	0.697	6.13#
13) T	Acrolein		0.100	0.069	0.074	0.070	0.066	0.076	17.96
14) T	Allyl chloride	1.565	1.410	1.328	1.453	1.403	1.321	1.413	6.37
15) T	Acrylonitrile	0.505	0.525	0.525	0.557	0.532	0.487	0.522	4.59
16) T	Acetone	0.484	0.468	0.452	0.488	0.471	0.434	0.466	4.38
17) T	Carbon Disulfide	2.139	1.852	1.793	1.916	1.871	1.752	1.887	7.22
18) T	Methyl Acetate	1.687	1.336	1.218	1.294	1.222	1.219	1.329	13.68
19) T	Methyl tert-bu...	2.524	2.605	2.512	2.689	2.543	2.433	2.551	3.43
20) T	Methylene Chlo...	0.880	0.853	0.803	0.859	0.815	0.793	0.834	4.17
21) T	trans-1,2-Dich...	0.812	0.757	0.715	0.744	0.711	0.689	0.738	5.93
22) T	Diisopropyl ether	2.625	2.631	2.589	2.756	2.620	2.457	2.613	3.67
23) T	Vinyl Acetate	2.243	2.376	2.378	2.558	2.429	2.265	2.375	4.84
24) P	1,1-Dichloroet...	1.373	1.361	1.363	1.437	1.370	1.303	1.368	3.11
25) T	2-Butanone	0.717	0.758	0.729	0.790	0.752	0.710	0.743	4.05
26) T	2,2-Dichloropr...	1.304	1.341	1.191	1.238	1.158	1.183	1.236	5.90
27) T	cis-1,2-Dichlo...	1.004	0.882	0.871	0.901	0.854	0.852	0.894	6.37
28) T	Bromochloromet...	0.555	0.584	0.571	0.594	0.581	0.632	0.586	4.42
29) T	Tetrahydrofuran	0.480	0.484	0.496	0.527	0.504	0.462	0.492	4.55
30) C	Chloroform	1.422	1.430	1.400	1.454	1.393	1.372	1.412	2.08#
31) T	Cyclohexane		1.357	1.206	1.250	1.170	1.210	1.238	5.83
32) T	1,1,1-Trichlor...	1.206	1.274	1.235	1.332	1.259	1.195	1.250	3.99
33) S	1,2-Dichloroet...		0.953	0.950	0.990	0.925	0.801	0.924	7.86
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.474	0.473	0.484	0.452	0.389	0.454	8.49
36) T	1,1-Dichloropr...	0.600	0.636	0.619	0.638	0.620	0.609	0.620	2.41
37) T	Ethyl Acetate	0.815	0.900	0.901	0.982	0.920	0.868	0.898	6.18
38) T	Carbon Tetrach...	0.694	0.673	0.647	0.694	0.662	0.637	0.668	3.56
39) T	Methylcyclohexane	0.805	0.774	0.750	0.791	0.759	0.740	0.770	3.23
40) TM	Benzene	1.994	2.003	1.976	2.039	1.923	1.923	1.976	2.33
41) T	Methacrylonitrile	0.510	0.491	0.443	0.481	0.468	0.411	0.467	7.63
42) TM	1,2-Dichloroet...	0.718	0.737	0.714	0.739	0.705	0.662	0.713	3.93
43) T	Isopropyl Acetate	1.428	1.365	1.399	1.469	1.409	1.313	1.397	3.85
44) TM	Trichloroethene	0.583	0.534	0.519	0.535	0.513	0.486	0.528	6.11
45) C	1,2-Dichloropr...	0.485	0.514	0.499	0.513	0.495	0.487	0.499	2.53#
46) T	Dibromomethane	0.336	0.356	0.349	0.361	0.341	0.333	0.346	3.20
47) T	Bromodichlorom...	0.685	0.704	0.703	0.735	0.706	0.673	0.701	2.99
48) T	Methyl methacr...	0.635	0.626	0.634	0.675	0.664	0.595	0.638	4.49
49) T	1,4-Dioxane	0.014	0.013	0.013	0.015	0.014	0.013	0.014	4.60
50) S	Toluene-d8		1.947	1.815	1.854	1.748	1.525	1.778	8.91
51) T	4-Methyl-2-Pen...	0.901	0.916	0.903	0.943	0.903	0.857	0.904	3.09
52) CM	Toluene	1.337	1.311	1.245	1.316	1.256	1.209	1.279	3.88#
53) T	t-1,3-Dichloro...	0.835	0.798	0.774	0.839	0.823	0.724	0.799	5.50
54) T	cis-1,3-Dichlo...	0.807	0.830	0.838	0.878	0.841	0.781	0.829	3.97
55) T	1,1,2-Trichlor...	0.521	0.523	0.522	0.533	0.504	0.495	0.516	2.69
56) T	Ethyl methacry...	0.817	0.882	0.878	0.937	0.919	0.828	0.877	5.43

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\

Method File : 82N061622W.M

57)	T	1,3-Dichloropr...	0.843	0.935	0.871	0.918	0.867	0.852	0.881	4.22
58)	T	2-Chloroethyl ...	0.273	0.311	0.295	0.347	0.347	0.286	0.310	10.09
59)	T	2-Hexanone	0.647	0.687	0.666	0.728	0.693	0.606	0.671	6.22
60)	T	Dibromochlorom...	0.540	0.562	0.547	0.591	0.573	0.511	0.554	4.99
61)	T	1,2-Dibromoethane	0.574	0.568	0.552	0.587	0.565	0.526	0.562	3.75
62)	S	4-Bromofluorob...	0.625	0.608	0.683	0.674	0.494	0.617		12.22
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.516	0.506	0.468	0.471	0.422	0.497	0.480	7.12
65)	PM	Chlorobenzene	1.349	1.336	1.296	1.358	1.277	1.289	1.317	2.60
66)	T	1,1,1,2-Tetrac...	0.507	0.525	0.523	0.523	0.477	0.501	0.509	3.67
67)	C	Ethyl Benzene	2.335	2.401	2.281	2.409	2.239	2.305	2.328	2.89#
68)	T	m/p-Xylenes	0.959	0.905	0.871	0.919	0.850	0.860	0.894	4.63
69)	T	o-Xylene	0.991	0.961	0.899	0.924	0.861	0.867	0.917	5.66
70)	T	Styrene	1.443	1.467	1.374	1.497	1.423	1.315	1.420	4.65
71)	P	Bromoform	0.395	0.410	0.403	0.445	0.431	0.386	0.412	5.39
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	5.156	5.390	4.678	4.502	4.211	4.673	4.768	9.07
74)	T	N-amyl acetate	2.113	2.129	2.034	2.156	1.995	1.875	2.050	5.13
75)	P	1,1,2,2-Tetrac...	1.620	1.731	1.596	1.510	1.346	1.551	1.559	8.25
76)	T	1,2,3-Trichlor...	1.648	1.560	1.440	1.412	1.473	1.384	1.486	6.71
77)	T	Bromobenzene	1.235	1.195	1.108	1.079	1.004	1.065	1.114	7.72
78)	T	n-propylbenzene	5.096	5.303	4.906	5.024	4.754	4.755	4.973	4.28
79)	T	2-Chlorotoluene	3.591	3.472	3.141	3.147	2.943	3.091	3.231	7.65
80)	T	1,3,5-Trimethy...	4.186	4.185	3.781	3.679	3.452	3.645	3.821	7.89
81)	T	trans-1,4-Dich...	0.547	0.516	0.530	0.521	0.496	0.522		3.61
82)	T	4-Chlorotoluene	3.316	3.104	2.893	2.957	2.860	2.792	2.987	6.45
83)	T	tert-Butylbenzene	3.621	3.773	3.292	3.253	3.130	3.452	3.420	7.10
84)	T	1,2,4-Trimethy...	3.928	3.967	3.645	3.607	3.360	3.534	3.674	6.37
85)	T	sec-Butylbenzene	4.689	4.589	4.403	4.453	4.218	4.253	4.434	4.16
86)	T	p-Isopropyltol...	3.654	3.814	3.572	3.628	3.414	3.390	3.579	4.43
87)	T	1,3-Dichlorobe...	2.134	1.836	1.778	1.778	1.654	1.716	1.816	9.23
88)	T	1,4-Dichlorobe...	2.285	1.855	1.722	1.758	1.696	1.671	1.831	12.63
89)	T	n-Butylbenzene	2.766	2.748	2.693	2.885	2.878	2.535	2.751	4.72
90)	T	Hexachloroethane	0.882	0.849	0.728	0.743	0.703	0.737	0.774	9.45
91)	T	1,2-Dichlorobe...	2.042	1.949	1.802	1.786	1.652	1.784	1.836	7.52
92)	T	1,2-Dibromo-3-...	0.506	0.382	0.366	0.342	0.319	0.355	0.378	17.49
93)	T	1,2,4-Trichlor...	1.037	0.863	0.911	0.945	0.928	0.821	0.917	8.07
94)	T	Hexachlorobuta...	0.556	0.485	0.439	0.423	0.405	0.417	0.454	12.61
95)	T	Naphthalene	3.221	2.821	3.248	3.364	3.371	2.981	3.168	6.98
96)	T	1,2,3-Trichlor...	0.908	0.855	0.944	0.945	0.935	0.879	0.911	4.11

(#) = Out of Range