

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N051421W.M
 Title : SW846 8260
 Last Update : Sat May 15 07:27:18 2021
 Response Via : Initial Calibration

Calibration Files

1 =VN067081.D 5 =VN067082.D 20 =VN067083.D 40 =VN067084.D 50 =VN067085.D 100 =VN067086.D

	Compound	1	5	20	40	50	100	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.367	0.490	0.430	0.459	0.457	0.470	0.446	9.71
3) P	Chloromethane	0.514	0.592	0.490	0.530	0.526	0.534	0.531	6.35
4) C	Vinyl Chloride	0.441	0.600	0.520	0.560	0.563	0.573	0.543	10.37#
5) T	Bromomethane		0.425	0.359	0.384	0.372	0.374	0.383	6.60
6) T	Chloroethane	0.302	0.335	0.304	0.334	0.334	0.338	0.324	5.18
7) T	Trichlorofluor...	0.554	0.775	0.680	0.734	0.738	0.751	0.705	11.39
8) T	Diethyl Ether	0.229	0.320	0.286	0.308	0.317	0.320	0.297	11.95
9) T	1,1,2-Trichlor...	0.341	0.485	0.432	0.466	0.470	0.479	0.446	12.19
10) T	Methyl Iodide		0.701	0.680	0.780	0.783	0.819	0.753	7.85
11) T	Tert butyl alc...		0.104	0.084	0.085	0.089	0.088	0.090	9.04
12) CM	1,1-Dichloroet...	0.389	0.509	0.427	0.468	0.469	0.478	0.457	9.22#
13) T	Acrolein		0.060	0.024	0.027	0.027	0.028	0.033	45.30
14) T	Allyl chloride	0.491	0.766	0.663	0.727	0.741	0.752	0.690	15.02
15) T	Acrylonitrile	0.153	0.206	0.191	0.207	0.211	0.218	0.198	11.85
16) T	Acetone	0.169	0.181	0.156	0.165	0.171	0.171	0.169	4.92
17) T	Carbon Disulfide	1.200	1.388	1.118	1.234	1.263	1.292	1.249	7.26
18) T	Methyl Acetate	0.497	0.518	0.473	0.507	0.521	0.529	0.508	4.00
19) T	Methyl tert-bu...	1.110	1.545	1.353	1.459	1.478	1.506	1.409	11.35
20) T	Methylene Chlo...	0.702	0.649	0.509	0.540	0.550	0.552	0.584	12.78
21) T	trans-1,2-Dich...	0.452	0.534	0.459	0.500	0.508	0.522	0.496	6.71
22) T	Diisopropyl ether	1.103	1.481	1.271	1.357	1.375	1.389	1.329	9.74
23) T	Vinyl Acetate	0.810	1.255	1.125	1.232	1.250	1.247	1.153	15.19
24) P	1,1-Dichloroet...	0.657	0.982	0.850	0.924	0.932	0.942	0.881	13.39
25) T	2-Butanone	0.168	0.272	0.251	0.275	0.283	0.288	0.256	17.62
26) T	2,2-Dichloropr...	0.700	0.924	0.763	0.816	0.818	0.821	0.807	9.18
27) T	cis-1,2-Dichlo...	0.516	0.628	0.543	0.599	0.607	0.625	0.586	7.85
28) T	Bromochloromet...	0.316	0.401	0.346	0.376	0.389	0.408	0.373	9.47
29) T	Tetrahydrofuran	0.123	0.168	0.157	0.170	0.172	0.174	0.161	12.10
30) C	Chloroform	0.720	0.986	0.870	0.947	0.953	0.971	0.908	11.08#
31) T	Cyclohexane		0.874	0.684	0.717	0.718	0.727	0.744	9.98
32) T	1,1,1-Trichlor...	0.669	0.894	0.778	0.845	0.854	0.869	0.818	10.11
33) S	1,2-Dichloroet...		0.585	0.492	0.524	0.535	0.565	0.540	6.70
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.349	0.298	0.319	0.322	0.353	0.328	6.93
36) T	1,1-Dichloropr...	0.324	0.501	0.408	0.458	0.467	0.481	0.440	14.75
37) T	Ethyl Acetate	0.375	0.426	0.375	0.402	0.409	0.413	0.400	5.19
38) T	Carbon Tetrach...	0.428	0.515	0.441	0.486	0.493	0.516	0.480	7.79
39) T	Methylcyclohexane	0.426	0.583	0.488	0.530	0.539	0.560	0.521	10.76
40) TM	Benzene	1.144	1.504	1.290	1.404	1.423	1.472	1.373	9.77
41) T	Methacrylonitrile	0.165	0.173	0.155	0.151	0.173	0.186	0.167	7.85
42) TM	1,2-Dichloroet...	0.359	0.492	0.414	0.451	0.459	0.469	0.441	10.79
43) T	Isopropyl Acetate	0.485	0.702	0.640	0.694	0.710	0.730	0.660	13.79
44) TM	Trichloroethene	0.309	0.417	0.368	0.402	0.410	0.427	0.389	11.30
45) C	1,2-Dichloropr...	0.270	0.401	0.338	0.366	0.374	0.383	0.356	13.13#
46) T	Dibromomethane	0.211	0.258	0.223	0.244	0.247	0.258	0.240	7.94
47) T	Bromodichlorom...	0.428	0.527	0.459	0.509	0.517	0.534	0.496	8.55
48) T	Methyl methacr...	0.169	0.280	0.273	0.303	0.320	0.332	0.279	20.95
49) T	1,4-Dioxane	0.003	0.005	0.005	0.005	0.005	0.005	0.005	12.90
50) S	Toluene-d8		1.326	1.127	1.203	1.237	1.328	1.244	6.86
51) T	4-Methyl-2-Pen...	0.240	0.381	0.363	0.393	0.402	0.408	0.365	17.27
52) CM	Toluene	0.675	0.966	0.826	0.918	0.924	0.962	0.878	12.74#
53) T	t-1,3-Dichloro...	0.388	0.552	0.499	0.554	0.574	0.598	0.528	14.33
54) T	cis-1,3-Dichlo...	0.446	0.633	0.567	0.605	0.633	0.654	0.590	12.99
55) T	1,1,2-Trichlor...	0.297	0.369	0.337	0.369	0.368	0.378	0.353	8.78
56) T	Ethyl methacry...	0.361	0.491	0.469	0.515	0.539	0.565	0.490	14.66

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N051421W.M

57)	T	1,3-Dichloropr...	0.430	0.614	0.535	0.590	0.599	0.623	0.565	12.93
58)	T	2-Chloroethyl ...	0.047	0.062	0.061	0.073	0.081	0.093	0.069	23.74
59)	T	2-Hexanone	0.065	0.163	0.206	0.240	0.257	0.275	0.201	38.52
60)	T	Dibromochlorom...	0.288	0.437	0.394	0.433	0.440	0.467	0.410	15.58
61)	T	1,2-Dibromoethane	0.262	0.375	0.339	0.373	0.382	0.401	0.355	13.99
62)	S	4-Bromofluorob...	0.394	0.376	0.409	0.427	0.479	0.417		9.42
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.356	0.492	0.407	0.435	0.436	0.438	0.427	10.48
65)	PM	Chlorobenzene	0.878	1.179	1.040	1.143	1.160	1.185	1.098	10.93
66)	T	1,1,1,2-Tetrac...	0.345	0.482	0.413	0.449	0.455	0.463	0.435	11.40
67)	C	Ethyl Benzene	1.400	1.995	1.767	1.941	1.968	1.999	1.845	12.70#
68)	T	m/p-Xylenes	0.483	0.775	0.688	0.770	0.783	0.808	0.718	16.98
69)	T	o-Xylene	0.564	0.778	0.697	0.764	0.774	0.797	0.729	12.03
70)	T	Styrene	0.863	1.096	1.070	1.203	1.238	1.312	1.130	14.05
71)	P	Bromoform	0.231	0.345	0.329	0.368	0.377	0.395	0.341	17.17
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.430	4.911	3.756	4.196	4.129	4.039	4.077	12.19
74)	T	N-amyl acetate			0.321	0.634	0.799	1.000	0.688	41.69
75)	P	1,1,2,2-Tetrac...	0.973	1.436	1.129	1.245	1.221	1.195	1.200	12.63
76)	T	1,2,3-Trichlor...	0.884	0.998	0.945	1.115	1.062	1.075	1.013	8.62
77)	T	Bromobenzene	0.850	1.162	0.945	1.074	1.061	1.081	1.029	10.87
78)	T	n-propylbenzene	3.282	4.608	3.921	4.425	4.430	4.404	4.178	11.87
79)	T	2-Chlorotoluene	2.268	3.190	2.475	2.708	2.691	2.692	2.671	11.52
80)	T	1,3,5-Trimethy...	2.922	3.923	3.138	3.453	3.454	3.444	3.389	10.03
81)	T	trans-1,4-Dich...		0.195	0.271	0.341	0.328	0.363	0.300	22.60
82)	T	4-Chlorotoluene	1.896	2.693	2.312	2.632	2.672	2.720	2.487	13.12
83)	T	tert-Butylbenzene	2.941	3.574	2.829	3.069	3.069	3.087	3.095	8.24
84)	T	1,2,4-Trimethy...	2.600	3.595	2.977	3.268	3.292	3.331	3.177	10.84
85)	T	sec-Butylbenzene	3.203	4.313	3.634	4.041	4.030	4.064	3.881	10.23
86)	T	p-Isopropyltol...	3.082	3.674	3.123	3.456	3.505	3.594	3.406	7.24
87)	T	1,3-Dichlorobe...	1.272	1.737	1.574	1.764	1.789	1.873	1.668	13.04
88)	T	1,4-Dichlorobe...	1.683	1.836	1.531	1.828	1.819	1.870	1.761	7.37
89)	T	n-Butylbenzene	2.772	2.601	2.194	2.507	2.621	2.783	2.579	8.40
90)	T	Hexachloroethane	0.682	0.717	0.577	0.629	0.627	0.641	0.646	7.55
91)	T	1,2-Dichlorobe...	1.500	1.791	1.566	1.748	1.771	1.772	1.691	7.41
92)	T	1,2-Dibromo-3-...	0.292	0.178	0.171	0.191	0.194	0.200	0.204	21.65
93)	T	1,2,4-Trichlor...	0.784	0.735	0.816	0.920	0.959	1.002	0.869	12.20
94)	T	Hexachlorobuta...	0.560	0.674	0.549	0.602	0.599	0.599	0.597	7.36
95)	T	Naphthalene	1.707	1.369	1.623	1.934	2.113	2.236	1.830	17.72
96)	T	1,2,3-Trichlor...	0.808	0.698	0.745	0.841	0.880	0.937	0.818	10.71

(#) = Out of Range