

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N051421W.M
 Title : SW846 8260
 Last Update : Mon May 17 16:06:46 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...	0.423	0.490	0.430	0.459	0.457	0.470	0.455	5.49
3) P	Chloromethane	0.640	0.592	0.490	0.530	0.526	0.534	0.552	9.76
4) C	Vinyl Chloride	0.499	0.600	0.520	0.560	0.563	0.573	0.552	6.68#
5) T	Bromomethane		0.425	0.359	0.384	0.372	0.374	0.383	6.60
6) T	Chloroethane	0.329	0.335	0.304	0.334	0.334	0.338	0.329	3.86
7) T	Trichlorofluor...	0.610	0.775	0.680	0.734	0.738	0.751	0.714	8.38
8) T	Diethyl Ether	0.272	0.320	0.286	0.308	0.317	0.320	0.304	6.66
9) T	1,1,2-Trichlor...	0.408	0.485	0.432	0.466	0.470	0.479	0.457	6.62
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...	0.470	0.509	0.427	0.468	0.469	0.478	0.470	5.52#
13) T	Acrolein		0.060	0.024	0.027	0.027	0.028	0.033	45.30
14) T	Allyl chloride	0.699	0.766	0.663	0.727	0.741	0.752	0.725	5.22
15) T	Acrylonitrile	0.175	0.206	0.191	0.207	0.211	0.218	0.201	7.73
16) T	Acetone	0.163	0.181	0.156	0.165	0.171	0.171	0.168	5.18
17) T	Carbon Disulfide	1.263	1.388	1.118	1.234	1.263	1.292	1.260	6.94
18) T	Methyl Acetate	0.447	0.518	0.473	0.507	0.521	0.529	0.499	6.49
19) T	Methyl tert-bu...	1.193	1.545	1.353	1.459	1.478	1.506	1.422	9.11
20) T	Methylene Chlo...	0.830	0.649	0.509	0.540	0.550	0.552	0.605	19.79
21) T	trans-1,2-Dich...	0.491	0.534	0.459	0.500	0.508	0.522	0.502	5.22
22) T	Diisopropyl ether	1.158	1.481	1.271	1.357	1.375	1.389	1.338	8.29
23) T	Vinyl Acetate	0.901	1.255	1.125	1.232	1.250	1.247	1.168	11.96
24) P	1,1-Dichloroet...	0.803	0.982	0.850	0.924	0.932	0.942	0.906	7.27
25) T	2-Butanone	0.201	0.272	0.251	0.275	0.283	0.288	0.262	12.40
26) T	2,2-Dichloropr...	0.855	0.924	0.763	0.816	0.818	0.821	0.833	6.44
27) T	cis-1,2-Dichlo...	0.598	0.628	0.543	0.599	0.607	0.625	0.600	5.12
28) T	Bromochloromet...	0.335	0.401	0.346	0.376	0.389	0.408	0.376	7.92
29) T	Tetrahydrofuran	0.135	0.168	0.157	0.170	0.172	0.174	0.163	9.03
30) C	Chloroform	0.837	0.986	0.870	0.947	0.953	0.971	0.927	6.44#
31) T	Cyclohexane		0.874	0.684	0.717	0.718	0.727	0.744	9.98
32) T	1,1,1-Trichlor...	0.770	0.894	0.778	0.845	0.854	0.869	0.835	6.03
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...	0.422	0.501	0.408	0.458	0.467	0.481	0.456	7.76
37) T	Ethyl Acetate	0.391	0.426	0.375	0.402	0.409	0.413	0.403	4.42
38) T	Carbon Tetrach...	0.461	0.515	0.441	0.486	0.493	0.516	0.486	6.10
39) T	Methylcyclohexane	0.504	0.583	0.488	0.530	0.539	0.560	0.534	6.52
40) TM	Benzene	1.220	1.504	1.290	1.404	1.423	1.472	1.385	7.90
41) T	Methacrylonitrile	0.138	0.173	0.155	0.151	0.173	0.186	0.163	10.90
42) TM	1,2-Dichloroet...	0.387	0.492	0.414	0.451	0.459	0.469	0.446	8.58
43) T	Isopropyl Acetate	0.536	0.702	0.640	0.694	0.710	0.730	0.669	10.73
44) TM	Trichloroethene	0.339	0.417	0.368	0.402	0.410	0.427	0.394	8.49
45) C	1,2-Dichloropr...	0.310	0.401	0.338	0.366	0.374	0.383	0.362	9.06#
46) T	Dibromomethane	0.221	0.258	0.223	0.244	0.247	0.258	0.242	6.65
47) T	Bromodichlorom...	0.461	0.527	0.459	0.509	0.517	0.534	0.501	6.60
48) T	Methyl methacr...	0.191	0.280	0.273	0.303	0.320	0.332	0.283	17.74
49) T	1,4-Dioxane	0.004	0.005	0.005	0.005	0.005	0.005	0.005	7.46
50) S	Toluene-d8		1.326	1.127	1.203	1.237	1.328	1.244	6.86
51) T	4-Methyl-2-Pen...	0.257	0.381	0.363	0.393	0.402	0.408	0.367	15.39
52) CM	Toluene	0.773	0.966	0.826	0.918	0.924	0.962	0.895	8.73#
53) T	t-1,3-Dichloro...	0.427	0.552	0.499	0.554	0.574	0.598	0.534	11.56
54) T	cis-1,3-Dichlo...	0.510	0.633	0.567	0.605	0.633	0.654	0.600	8.94
55) T	1,1,2-Trichlor...	0.312	0.369	0.337	0.369	0.368	0.378	0.355	7.20
56) T	Ethyl methacry...	0.325	0.491	0.469	0.515	0.539	0.565	0.484	17.61

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57)	T	1,3-Dichloropr...	0.449	0.614	0.535	0.590	0.599	0.623	0.568	11.60
58)	T	2-Chloroethyl ...	0.046	0.062	0.061	0.073	0.081	0.093	0.069	23.85
59)	T	2-Hexanone		0.163	0.206	0.240	0.257	0.275	0.228	19.37
60)	T	Dibromochlorom...	0.341	0.437	0.394	0.433	0.440	0.467	0.419	10.65
61)	T	1,2-Dibromoethane	0.318	0.375	0.339	0.373	0.382	0.401	0.365	8.32
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	0.424	0.492	0.407	0.435	0.436	0.438	0.439	6.56
65)	PM	Chlorobenzene	0.983	1.179	1.040	1.143	1.160	1.185	1.115	7.50
66)	T	1,1,1,2-Tetrac...	0.390	0.482	0.413	0.449	0.455	0.463	0.442	7.74
67)	C	Ethyl Benzene	1.599	1.995	1.767	1.941	1.968	1.999	1.878	8.61#
68)	T	m/p-Xylenes	0.530	0.775	0.688	0.770	0.783	0.808	0.726	14.32
69)	T	o-Xylene	0.573	0.778	0.697	0.764	0.774	0.797	0.731	11.54
70)	T	Styrene	0.903	1.096	1.070	1.203	1.238	1.312	1.137	12.80
71)	P	Bromoform	0.247	0.345	0.329	0.368	0.377	0.395	0.343	15.33
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.026	4.911	3.756	4.196	4.129	4.039	4.176	9.34
74)	T	N-amyl acetate			0.349	0.634	0.799	1.000	0.695	39.57
75)	P	1,1,2,2-Tetrac...	1.367	1.436	1.129	1.245	1.221	1.195	1.266	9.03
76)	T	1,2,3-Trichlor...	0.867	1.172	0.988	1.159	1.089	1.056	1.055	10.85
77)	T	Bromobenzene	0.909	1.162	0.945	1.074	1.061	1.081	1.039	9.06
78)	T	n-propylbenzene	3.561	4.608	3.921	4.425	4.430	4.404	4.225	9.43
79)	T	2-Chlorotoluene	3.020	3.190	2.475	2.708	2.691	2.692	2.796	9.30
80)	T	1,3,5-Trimethy...	3.495	3.923	3.138	3.453	3.454	3.444	3.484	7.21
81)	T	trans-1,4-Dich...		0.195	0.271	0.341	0.328	0.363	0.300	22.60
82)	T	4-Chlorotoluene	1.610	2.693	2.312	2.632	2.672	2.720	2.440	17.75
83)	T	tert-Butylbenzene	4.111	3.574	2.829	3.069	3.069	3.087	3.290	14.29
84)	T	1,2,4-Trimethy...	2.812	3.595	2.977	3.268	3.292	3.331	3.212	8.64
85)	T	sec-Butylbenzene	3.494	4.313	3.634	4.041	4.030	4.064	3.929	7.76
86)	T	p-Isopropyltol...	3.106	3.674	3.123	3.456	3.505	3.594	3.410	7.05
87)	T	1,3-Dichlorobe...	1.383	1.737	1.574	1.764	1.789	1.873	1.687	10.56
88)	T	1,4-Dichlorobe...	1.654	1.836	1.531	1.828	1.819	1.870	1.757	7.62
89)	T	n-Butylbenzene	2.810	2.601	2.194	2.507	2.621	2.783	2.586	8.65
90)	T	Hexachloroethane	0.554	0.717	0.577	0.629	0.627	0.641	0.624	9.11
91)	T	1,2-Dichlorobe...	1.846	1.791	1.566	1.748	1.771	1.772	1.749	5.47
92)	T	1,2-Dibromo-3-...		0.178	0.171	0.191	0.194	0.200	0.187	6.36
93)	T	1,2,4-Trichlor...	0.889	0.735	0.816	0.920	0.959	1.002	0.887	10.99
94)	T	Hexachlorobuta...	0.641	0.674	0.549	0.602	0.599	0.599	0.611	6.99
95)	T	Naphthalene	1.727	1.143	1.623	1.934	2.113	2.236	1.796	21.90
96)	T	1,2,3-Trichlor...	0.806	0.698	0.745	0.841	0.880	0.937	0.818	10.71

(#) = Out of Range