

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N021721W.M
 Title : SW846 8260
 Last Update : Wed Feb 17 15:48:13 2021
 Response Via : Initial Calibration

Calibration Files

1 =VN065896.D 5 =VN065897.D 20 =VN065898.D 50 =VN065899.D 100 =VN065900.D 150 =VN065901.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.731	0.537	0.703	0.659	0.625	0.673	0.655	10.41
3) P	Chloromethane	0.822	0.725	0.847	0.853	0.822	0.854	0.820	5.98
4) C	Vinyl Chloride	0.797	0.686	0.844	0.832	0.812	0.877	0.808	8.12#
5) T	Bromomethane		0.471	0.510	0.511	0.498	0.485	0.495	3.41
6) T	Chloroethane	0.438	0.435	0.472	0.464	0.444	0.483	0.456	4.27
7) T	Trichlorofluor...	1.063	0.906	1.063	1.031	0.955	1.020	1.006	6.27
8) T	Diethyl Ether	0.374	0.337	0.389	0.375	0.362	0.379	0.369	4.87
9) T	1,1,2-Trichlor...	0.507	0.522	0.585	0.541	0.500	0.539	0.532	5.77
10) T	Methyl Iodide		0.739	0.877	0.852	0.825	0.862	0.831	6.58
11) T	Tert butyl alc...		0.085	0.103	0.099	0.096	0.102	0.097	7.30
12) CM	1,1-Dichloroet...	0.582	0.534	0.599	0.561	0.531	0.562	0.562	4.70#
13) T	Acrolein		0.088	0.090	0.081	0.089	0.097	0.089	6.44
14) T	Allyl chloride	0.922	0.928	0.996	0.983	0.931	0.992	0.959	3.66
15) T	Acrylonitrile	0.222	0.241	0.295	0.289	0.274	0.297	0.270	11.57
16) T	Acetone	0.335	0.223	0.229	0.223	0.212	0.221	0.241	19.40
17) T	Carbon Disulfide	1.639	1.434	1.640	1.597	1.588	1.699	1.599	5.62
18) T	Methyl Acetate	0.586	0.550	0.596	0.587	0.554	0.593	0.578	3.50
19) T	Methyl tert-bu...	1.837	1.667	1.884	1.837	1.756	1.857	1.807	4.45
20) T	Methylene Chlo...	0.694	0.633	0.662	0.643	0.613	0.647	0.648	4.25
21) T	trans-1,2-Dich...	0.606	0.543	0.629	0.600	0.564	0.599	0.590	5.24
22) T	Diisopropyl ether	1.845	1.847	2.040	1.972	1.853	1.949	1.918	4.25
23) T	Vinyl Acetate	1.285	1.347	1.618	1.620	1.534	1.620	1.504	10.00
24) P	1,1-Dichloroet...	1.081	1.077	1.178	1.124	1.074	1.114	1.108	3.64
25) T	2-Butanone	0.324	0.302	0.369	0.365	0.346	0.372	0.346	8.17
26) T	2,2-Dichloropr...	0.846	0.804	0.895	0.910	0.857	0.902	0.869	4.73
27) T	cis-1,2-Dichlo...	0.604	0.674	0.705	0.698	0.660	0.693	0.672	5.53
28) T	Bromochloromet...	0.493	0.506	0.517	0.496	0.499	0.554	0.511	4.51
29) T	Tetrahydrofuran	0.232	0.216	0.252	0.249	0.232	0.248	0.238	5.88
30) C	Chloroform	1.083	1.035	1.161	1.107	1.057	1.125	1.095	4.23#
31) T	Cyclohexane		1.112	1.079	1.026	0.962	1.034	1.043	5.46
32) T	1,1,1-Trichlor...	0.889	0.858	0.971	0.939	0.897	0.954	0.918	4.72
33) S	1,2-Dichloroet...		0.688	0.682	0.696	0.681	0.748	0.699	4.01
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.299	0.306	0.303	0.306	0.333	0.309	4.35
36) T	1,1-Dichloropr...	0.502	0.461	0.519	0.488	0.480	0.509	0.493	4.33
37) T	Ethyl Acetate	0.507	0.361	0.455	0.459	0.435	0.455	0.445	10.71
38) T	Carbon Tetrach...	0.471	0.416	0.485	0.458	0.448	0.471	0.458	5.29
39) T	Methylcyclohexane	0.583	0.526	0.582	0.541	0.527	0.564	0.554	4.70
40) TM	Benzene	1.514	1.490	1.594	1.507	1.454	1.519	1.513	3.05
41) T	Methacrylonitrile	0.237	0.173	0.213	0.223	0.216	0.231	0.216	10.59
42) TM	1,2-Dichloroet...	0.467	0.474	0.541	0.504	0.489	0.508	0.497	5.36
43) T	Isopropyl Acetate	0.602	0.661	0.760	0.739	0.725	0.770	0.710	9.18
44) TM	Trichloroethene	0.353	0.357	0.408	0.375	0.368	0.384	0.374	5.40
45) C	1,2-Dichloropr...	0.372	0.361	0.415	0.397	0.381	0.398	0.387	5.06#
46) T	Dibromomethane	0.212	0.223	0.256	0.245	0.239	0.242	0.236	6.84
47) T	Bromodichlorom...	0.416	0.439	0.509	0.506	0.495	0.518	0.480	8.79
48) T	Methyl methacr...	0.318	0.341	0.377	0.377	0.359	0.385	0.360	7.14
49) T	1,4-Dioxane	0.005	0.006	0.007	0.006	0.006	0.007	0.006	13.50
50) S	Toluene-d8		1.225	1.232	1.240	1.255	1.400	1.270	5.78
51) T	4-Methyl-2-Pen...	0.384	0.391	0.463	0.453	0.434	0.466	0.432	8.38
52) CM	Toluene	0.868	0.891	0.968	0.950	0.925	0.972	0.929	4.56#
53) T	t-1,3-Dichloro...	0.390	0.453	0.576	0.568	0.582	0.624	0.532	16.93
54) T	cis-1,3-Dichlo...	0.492	0.534	0.638	0.618	0.627	0.665	0.596	11.31
55) T	1,1,2-Trichlor...	0.305	0.336	0.374	0.354	0.348	0.370	0.348	7.21
56) T	Ethyl methacry...	0.395	0.464	0.560	0.559	0.556	0.603	0.523	14.81

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57)	T	1,3-Dichloropr...	0.561	0.565	0.648	0.629	0.621	0.655	0.613	6.64
58)	T	2-Chloroethyl ...	0.211	0.212	0.267	0.257	0.269	0.282	0.250	12.24
59)	T	2-Hexanone	0.254	0.262	0.325	0.326	0.324	0.354	0.308	13.09
60)	T	Dibromochlorom...	0.282	0.306	0.371	0.383	0.382	0.410	0.355	14.10
61)	T	1,2-Dibromoethane	0.301	0.319	0.377	0.368	0.364	0.390	0.353	9.92
62)	S	4-Bromofluorob...	0.427	0.439	0.465	0.491	0.563	0.477		11.39
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.420	0.388	0.416	0.382	0.351	0.359	0.386	7.33
65)	PM	Chlorobenzene	1.016	0.995	1.104	1.056	1.024	1.078	1.046	3.94
66)	T	1,1,1,2-Tetrac...	0.310	0.339	0.382	0.377	0.360	0.386	0.359	8.20
67)	C	Ethyl Benzene	1.814	1.778	2.016	1.924	1.857	1.966	1.892	4.85#
68)	T	m/p-Xylenes	0.649	0.662	0.759	0.723	0.701	0.743	0.706	6.22
69)	T	o-Xylene	0.622	0.633	0.722	0.709	0.677	0.723	0.681	6.57
70)	T	Styrene	0.898	1.009	1.202	1.187	1.170	1.259	1.121	12.29
71)	P	Bromoform	0.183	0.206	0.255	0.261	0.266	0.292	0.244	16.69
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.578	4.101	4.363	3.987	3.706	3.749	4.081	8.39
74)	T	N-amyl acetate	1.094	1.247	1.600	1.524	1.475	1.554	1.416	14.14
75)	P	1,1,2,2-Tetrac...	1.316	1.241	1.269	1.176	1.090	1.132	1.204	7.15
76)	T	1,2,3-Trichlor...	1.196	1.283	1.343	1.163	1.086	1.137	1.201	7.96
77)	T	Bromobenzene	0.908	0.986	0.999	0.927	0.881	0.903	0.934	5.13
78)	T	n-propylbenzene	5.049	4.491	4.959	4.579	4.317	4.451	4.641	6.36
79)	T	2-Chlorotoluene	3.371	2.882	3.071	2.793	2.635	2.701	2.909	9.38
80)	T	1,3,5-Trimethy...	3.753	3.367	3.738	3.404	3.227	3.312	3.467	6.46
81)	T	trans-1,4-Dich...	0.284	0.397	0.388	0.395	0.422	0.377		14.23
82)	T	4-Chlorotoluene	3.105	2.862	3.098	2.906	2.776	2.876	2.937	4.58
83)	T	tert-Butylbenzene	3.038	2.858	3.074	2.811	2.662	2.743	2.864	5.69
84)	T	1,2,4-Trimethy...	3.648	3.382	3.734	3.462	3.287	3.367	3.480	5.02
85)	T	sec-Butylbenzene	3.899	3.625	4.018	3.656	3.494	3.621	3.719	5.31
86)	T	p-Isopropyltol...	3.439	3.275	3.616	3.374	3.231	3.324	3.376	4.09
87)	T	1,3-Dichlorobe...	1.586	1.617	1.778	1.665	1.603	1.666	1.653	4.22
88)	T	1,4-Dichlorobe...	1.737	1.665	1.770	1.651	1.619	1.688	1.688	3.33
89)	T	n-Butylbenzene	2.749	2.680	3.057	2.854	2.802	2.938	2.847	4.76
90)	T	Hexachloroethane	0.592	0.535	0.590	0.564	0.560	0.589	0.572	3.98
91)	T	1,2-Dichlorobe...	1.696	1.559	1.818	1.663	1.574	1.634	1.657	5.70
92)	T	1,2-Dibromo-3-...	0.112	0.183	0.243	0.241	0.230	0.244	0.209	25.19
93)	T	1,2,4-Trichlor...	0.379	0.452	0.851	0.874	0.876	0.945	0.729	33.76
94)	T	Hexachlorobuta...	0.394	0.385	0.417	0.394	0.355	0.363	0.385	5.86
95)	T	Naphthalene	1.420	1.501	2.604	2.768	2.858	3.101	2.375	30.60
96)	T	1,2,3-Trichlor...	0.544	0.564	0.846	0.879	0.866	0.942	0.773	22.41

(#) = Out of Range