

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N122220w.M
 Title : Sw846 8260
 Last Update : Tue Dec 22 14:35:52 2020
 Response Via : Initial Calibration

Calibration Files

1 =VN065192.D 5 =VN065193.D 20 =VN065194.D 50 =VN065195.D 100 =VN065196.D 150 =VN065197.D

Compound	1	5	20	50	100	150	Avg	%RSD
-----ISTD-----								
1) I Pentafluorobenzene								
2) T Dichlorodifluo...	0.401	0.427	0.382	0.493	0.493	0.488	0.447	11.24
3) P Chloromethane	0.483	0.491	0.414	0.549	0.554	0.549	0.507	10.86
4) C Vinyl Chloride	0.494	0.533	0.439	0.578	0.574	0.567	0.531	10.44#
5) T Bromomethane		0.382	0.313	0.399	0.413	0.345	0.370	11.08
6) T Chloroethane	0.325	0.352	0.278	0.372	0.376	0.360	0.344	10.76
7) T Trichlorofluor...	0.745	0.824	0.658	0.849	0.859	0.834	0.795	9.84
8) T Diethyl Ether	0.349	0.317	0.252	0.322	0.329	0.317	0.314	10.46
9) T 1,1,2-Trichlor...	0.425	0.471	0.372	0.466	0.475	0.465	0.446	9.10
10) T Methyl Iodide		0.636	0.542	0.736	0.759	0.739	0.683	13.48
11) T Tert butyl alc...		0.093	0.070	0.096	0.096	0.093	0.089	12.54
12) CM 1,1-Dichloroet...	0.549	0.476	0.376	0.487	0.492	0.479	0.477	11.76#
13) T Acrolein		0.088	0.047	0.064	0.064	0.062	0.065	22.60
14) T Allyl chloride	0.784	0.787	0.632	0.833	0.843	0.827	0.784	10.02
15) T Acrylonitrile	0.199	0.225	0.173	0.234	0.236	0.234	0.217	11.87
16) T Acetone	0.344	0.248	0.200	0.244	0.248	0.222	0.251	19.53
17) T Carbon Disulfide	1.095	1.138	1.017	1.322	1.360	1.347	1.213	12.19
18) T Methyl Acetate	0.510	0.504	0.398	0.524	0.522	0.512	0.495	9.70
19) T Methyl tert-bu...	1.511	1.607	1.198	1.587	1.603	1.562	1.511	10.43
20) T Methylene Chlo...	0.699	0.544	0.401	0.520	0.527	0.519	0.535	17.80
21) T trans-1,2-Dich...	0.465	0.453	0.378	0.496	0.505	0.493	0.465	10.12
22) T Diisopropyl ether	1.577	1.667	1.253	1.624	1.638	1.616	1.562	9.88
23) T Vinyl Acetate	1.231	1.369	1.068	1.421	1.426	1.383	1.316	10.70
24) P 1,1-Dichloroet...	0.813	0.892	0.696	0.915	0.924	0.901	0.857	10.28
25) T 2-Butanone	0.293	0.320	0.247	0.331	0.335	0.319	0.307	10.76
26) T 2,2-Dichloropr...	0.877	0.839	0.663	0.847	0.862	0.836	0.821	9.60
27) T cis-1,2-Dichlo...	0.526	0.562	0.440	0.576	0.580	0.572	0.543	9.94
28) T Bromochloromet...	0.259	0.398	0.224	0.379	0.401	0.409	0.345	23.60
29) T Tetrahydrofuran	0.223	0.200	0.152	0.208	0.208	0.204	0.199	12.22
30) C Chloroform	0.883	0.903	0.709	0.932	0.947	0.923	0.883	9.97#
31) T Cyclohexane		0.936	0.655	0.815	0.816	0.798	0.804	12.41
32) T 1,1,1-Trichlor...	0.789	0.808	0.635	0.846	0.859	0.839	0.796	10.41
33) S 1,2-Dichloroet...		0.626	0.421	0.574	0.595	0.608	0.565	14.61
-----ISTD-----								
34) I 1,4-Difluorobenzene								
35) S Dibromofluorom...		0.320	0.227	0.306	0.322	0.330	0.301	14.02
36) T 1,1-Dichloropr...	0.426	0.437	0.365	0.460	0.480	0.473	0.440	9.61
37) T Ethyl Acetate	0.458	0.433	0.358	0.463	0.463	0.451	0.438	9.32
38) T Carbon Tetrach...	0.439	0.466	0.377	0.484	0.505	0.495	0.461	10.20
39) T Methylcyclohexane	0.483	0.511	0.446	0.566	0.579	0.575	0.527	10.52
40) TM Benzene	1.294	1.334	1.061	1.363	1.404	1.382	1.306	9.66
41) T Methacrylonitrile	0.293	0.223	0.165	0.227	0.231	0.225	0.227	17.87
42) TM 1,2-Dichloroet...	0.477	0.510	0.396	0.499	0.514	0.511	0.485	9.37
43) T Isopropyl Acetate	0.695	0.791	0.607	0.801	0.817	0.805	0.753	11.13
44) TM Trichloroethene	0.373	0.383	0.305	0.396	0.404	0.394	0.376	9.67
45) C 1,2-Dichloropr...	0.325	0.346	0.276	0.359	0.368	0.360	0.339	10.11#
46) T Dibromomethane	0.223	0.236	0.188	0.241	0.252	0.245	0.231	9.97
47) T Bromodichlorom...	0.465	0.500	0.395	0.512	0.526	0.522	0.487	10.29
48) T Methyl methacr...	0.352	0.378	0.289	0.383	0.396	0.392	0.365	10.99
49) T 1,4-Dioxane	0.006	0.006	0.005	0.006	0.006	0.006	0.006	11.02
50) S Toluene-d8		1.188	0.856	1.138	1.211	1.253	1.129	14.05
51) T 4-Methyl-2-Pen...	0.409	0.442	0.339	0.450	0.457	0.448	0.424	10.64
52) CM Toluene	0.772	0.828	0.674	0.868	0.902	0.896	0.823	10.68#
53) T t-1,3-Dichloro...	0.514	0.551	0.442	0.579	0.602	0.602	0.548	11.31
54) T cis-1,3-Dichlo...	0.567	0.591	0.466	0.607	0.634	0.626	0.582	10.58
55) T 1,1,2-Trichlor...	0.315	0.338	0.259	0.344	0.350	0.348	0.326	10.78
56) T Ethyl methacry...	0.465	0.524	0.410	0.533	0.553	0.556	0.507	11.38

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57) T	1,3-Dichloropr...	0.480	0.564	0.437	0.572	0.587	0.585	0.537	11.77
58) T	2-Chloroethyl ...	0.252	0.228	0.187	0.228	0.249	0.235	0.230	10.16
59) T	2-Hexanone	0.277	0.315	0.252	0.336	0.344	0.340	0.311	12.24
60) T	Dibromochlorom...	0.356	0.397	0.307	0.411	0.430	0.430	0.388	12.42
61) T	1,2-Dibromoethane	0.329	0.365	0.281	0.370	0.380	0.379	0.351	11.10
62) S	4-Bromofluorob...	0.427	0.317	0.423	0.460	0.490	0.423		15.41
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.522	0.527	0.393	0.475	0.458	0.442	0.469	10.79
65) PM	Chlorobenzene	0.940	0.999	0.806	1.032	1.062	1.052	0.982	9.88
66) T	1,1,1,2-Tetrac...	0.347	0.398	0.318	0.405	0.414	0.412	0.382	10.52
67) C	Ethyl Benzene	1.734	1.796	1.441	1.856	1.902	1.873	1.767	9.65#
68) T	m/p-Xylenes	0.622	0.680	0.550	0.701	0.724	0.724	0.667	10.29
69) T	o-Xylene	0.604	0.673	0.535	0.682	0.698	0.697	0.648	10.11
70) T	Styrene	0.940	1.070	0.879	1.155	1.207	1.214	1.077	13.14
71) P	Bromoform	0.281	0.334	0.264	0.353	0.366	0.375	0.329	14.05
72) I	1,4-Dichlorobenzen...	-----ISTD-----							
73) T	Isopropylbenzene	4.085	4.187	2.932	3.685	3.666	3.432	3.665	12.45
74) T	N-aryl acetate	1.446	1.569	1.170	1.548	1.557	1.502	1.465	10.36
75) P	1,1,2,2-Tetrac...	1.056	1.131	0.774	1.002	1.017	0.974	0.992	12.07
76) T	1,2,3-Trichlor...	1.048	1.107	0.807	0.954	1.026	0.989	0.989	10.42
77) T	Bromobenzene	1.030	1.059	0.769	0.975	0.981	0.942	0.959	10.64
78) T	n-propylbenzene	4.516	4.504	3.329	4.219	4.274	3.995	4.140	10.68
79) T	2-Chlorotoluene	2.554	2.752	1.942	2.502	2.513	2.388	2.442	11.15
80) T	1,3,5-Trimethy...	3.452	3.474	2.504	3.155	3.172	3.003	3.127	11.37
81) T	trans-1,4-Dich...	0.415	0.318	0.407	0.408	0.397	0.389		10.37
82) T	4-Chlorotoluene	2.661	2.684	1.994	2.559	2.610	2.517	2.504	10.29
83) T	tert-Butylbenzene	2.831	3.012	2.165	2.699	2.713	2.571	2.665	10.74
84) T	1,2,4-Trimethy...	3.087	3.408	2.501	3.115	3.154	3.001	3.044	9.83
85) T	sec-Butylbenzene	3.790	3.949	2.837	3.581	3.613	3.424	3.533	10.92
86) T	p-Isopropyltol...	3.380	3.571	2.633	3.302	3.344	3.195	3.237	9.91
87) T	1,3-Dichlorobe...	1.565	1.674	1.290	1.663	1.724	1.685	1.600	10.05
88) T	1,4-Dichlorobe...	1.586	1.693	1.297	1.667	1.713	1.687	1.607	9.85
89) T	n-Butylbenzene	2.660	2.993	2.300	2.890	2.895	2.862	2.767	9.16
90) T	Hexachloroethane	0.501	0.561	0.439	0.591	0.626	0.605	0.554	12.81
91) T	1,2-Dichlorobe...	1.454	1.643	1.239	1.621	1.648	1.619	1.537	10.60
92) T	1,2-Dibromo-3-...	0.172	0.218	0.161	0.220	0.229	0.221	0.203	14.43
93) T	1,2,4-Trichlor...	0.405	0.575	0.650	0.945	0.992	1.047	0.769	34.04
94) T	Hexachlorobuta...	0.715	0.658	0.481	0.595	0.595	0.579	0.604	13.12
95) T	Naphthalene	1.172	1.436	1.663	2.412	2.589	2.778	2.009	33.32
96) T	1,2,3-Trichlor...	0.471	0.549	0.600	0.854	0.908	0.985	0.728	29.43

(#) = Out of Range