

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N031621W.M
 Title : SW846 8260
 Last Update : Wed Mar 17 05:05:15 2021
 Response Via : Initial Calibration

Calibration Files

1 =VN066206.D 5 =VN066207.D 20 =VN066208.D 50 =VN066209.D 100 =VN066210.D 150 =VN066211.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.408	0.570	0.481	0.491	0.508	0.493	0.492	10.60
3) P	Chloromethane	1.138	0.937	0.785	0.774	0.799	0.787	0.870	16.64
4) C	Vinyl Chloride	0.638	0.783	0.676	0.700	0.735	0.729	0.710	7.11#
5) T	Bromomethane		0.461	0.374	0.384	0.405	0.407	0.406	8.30
6) T	Chloroethane	0.379	0.471	0.386	0.398	0.416	0.415	0.411	8.01
7) T	Trichlorofluor...	0.761	0.896	0.794	0.846	0.860	0.831	0.831	5.75
8) T	Diethyl Ether	0.339	0.377	0.309	0.335	0.340	0.336	0.340	6.49
9) T	1,1,2-Trichlor...	0.455	0.454	0.411	0.437	0.450	0.436	0.440	3.77
10) T	Methyl Iodide		0.617	0.579	0.624	0.656	0.641	0.624	4.67
11) T	Tert butyl alc...		0.122	0.119	0.128	0.127	0.119	0.123	3.48
12) CM	1,1-Dichloroet...	0.512	0.536	0.418	0.448	0.453	0.449	0.469	9.59#
13) T	Acrolein		0.176	0.098	0.097	0.098	0.093	0.112	31.56
14) T	Allyl chloride	1.009	1.120	1.001	1.092	1.250	1.201	1.112	9.02
15) T	Acrylonitrile	0.329	0.374	0.352	0.385	0.394	0.375	0.368	6.41
16) T	Acetone	0.398	0.379	0.327	0.337	0.327	0.308	0.346	10.04
17) T	Carbon Disulfide	1.408	1.427	1.190	1.290	1.331	1.309	1.326	6.49
18) T	Methyl Acetate	0.787	0.917	0.971	1.061	1.067	1.006	0.968	10.85
19) T	Methyl tert-bu...	1.681	1.906	1.624	1.818	1.889	1.849	1.795	6.43
20) T	Methylene Chlo...	0.574	0.580	0.500	0.529	0.542	0.523	0.541	5.71
21) T	trans-1,2-Dich...	0.538	0.541	0.473	0.508	0.537	0.523	0.520	5.00
22) T	Diisopropyl ether	1.792	2.366	2.173	2.427	2.520	2.430	2.285	11.73
23) T	Vinyl Acetate	1.661	2.074	1.859	2.068	2.121	1.970	1.959	8.85
24) P	1,1-Dichloroet...	1.033	1.218	1.077	1.171	1.193	1.141	1.139	6.26
25) T	2-Butanone	0.424	0.575	0.521	0.577	0.578	0.550	0.538	11.10
26) T	2,2-Dichloropr...	0.887	1.047	0.876	0.949	0.961	0.927	0.941	6.54
27) T	cis-1,2-Dichlo...	0.522	0.643	0.557	0.612	0.640	0.623	0.600	8.21
28) T	Bromochloromet...	0.516	0.652	0.539	0.605	0.657	0.643	0.602	10.11
29) T	Tetrahydrofuran	0.310	0.379	0.358	0.393	0.400	0.381	0.370	8.90
30) C	Chloroform	0.935	1.134	0.972	1.053	1.091	1.054	1.040	7.14#
31) T	Cyclohexane		1.227	0.979	1.047	1.093	1.050	1.079	8.55
32) T	1,1,1-Trichlor...	0.853	0.954	0.835	0.901	0.924	0.895	0.894	4.91
33) S	1,2-Dichloroet...		0.816	0.617	0.698	0.738	0.734	0.720	10.00
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.345	0.266	0.311	0.334	0.339	0.319	10.13
36) T	1,1-Dichloropr...	0.463	0.538	0.473	0.511	0.530	0.522	0.506	6.13
37) T	Ethyl Acetate	0.785	0.710	0.682	0.738	0.730	0.697	0.724	5.03
38) T	Carbon Tetrach...	0.401	0.460	0.424	0.470	0.488	0.480	0.454	7.52
39) T	Methylcyclohexane	0.460	0.542	0.498	0.567	0.602	0.593	0.544	10.20
40) TM	Benzene	1.355	1.617	1.423	1.549	1.608	1.567	1.520	7.02
41) T	Methacrylonitrile	0.377	0.348	0.325	0.353	0.376	0.363	0.357	5.51
42) TM	1,2-Dichloroet...	0.448	0.588	0.549	0.572	0.588	0.566	0.552	9.58
43) T	Isopropyl Acetate	0.936	1.168	1.067	1.168	1.208	1.167	1.119	9.06
44) TM	Trichloroethene	0.365	0.377	0.340	0.376	0.383	0.375	0.369	4.26
45) C	1,2-Dichloropr...	0.369	0.464	0.421	0.459	0.469	0.458	0.440	8.82#
46) T	Dibromomethane	0.204	0.253	0.232	0.255	0.267	0.260	0.245	9.43
47) T	Bromodichlorom...	0.491	0.549	0.508	0.544	0.562	0.552	0.534	5.25
48) T	Methyl methacr...	0.452	0.513	0.502	0.554	0.587	0.575	0.530	9.59
49) T	1,4-Dioxane	0.006	0.006	0.005	0.006	0.006	0.006	0.006	4.77
50) S	Toluene-d8		1.273	1.053	1.204	1.302	1.335	1.233	9.06
51) T	4-Methyl-2-Pen...	0.512	0.705	0.683	0.739	0.736	0.682	0.676	12.41
52) CM	Toluene	0.744	0.890	0.820	0.915	0.962	0.955	0.881	9.58#
53) T	t-1,3-Dichloro...	0.453	0.610	0.575	0.637	0.678	0.674	0.604	13.88
54) T	cis-1,3-Dichlo...	0.575	0.658	0.616	0.679	0.711	0.702	0.657	7.98
55) T	1,1,2-Trichlor...	0.311	0.372	0.348	0.370	0.384	0.380	0.361	7.64
56) T	Ethyl methacry...	0.405	0.513	0.538	0.614	0.667	0.664	0.567	17.96

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57)	T	1,3-Dichloropr...	0.545	0.683	0.610	0.673	0.702	0.692	0.651	9.42
58)	T	2-Chloroethyl ...		0.043	0.040	0.060	0.078	0.084	0.061	32.53
59)	T	2-Hexanone	0.320	0.478	0.491	0.538	0.544	0.524	0.482	17.39
60)	T	Dibromochlorom...	0.319	0.375	0.356	0.391	0.416	0.412	0.378	9.68
61)	T	1,2-Dibromoethane	0.261	0.375	0.348	0.375	0.399	0.399	0.359	14.40
62)	S	4-Bromofluorob...		0.416	0.376	0.435	0.485	0.510	0.445	12.11
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.415	0.460	0.395	0.424	0.405	0.388	0.415	6.22
65)	PM	Chlorobenzene	0.911	1.073	0.925	1.026	1.047	1.039	1.003	6.79
66)	T	1,1,1,2-Tetrac...	0.334	0.391	0.347	0.388	0.401	0.394	0.376	7.43
67)	C	Ethyl Benzene	1.454	1.789	1.670	1.881	1.957	1.925	1.779	10.70#
68)	T	m/p-Xylenes	0.553	0.635	0.623	0.697	0.729	0.724	0.660	10.45
69)	T	o-Xylene	0.524	0.624	0.593	0.669	0.695	0.700	0.634	10.77
70)	T	Styrene	0.805	0.964	0.984	1.135	1.204	1.220	1.052	15.42
71)	P	Bromoform	0.232	0.297	0.277	0.313	0.332	0.336	0.298	13.09
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	2.973	3.704	3.375	3.701	3.710	3.561	3.504	8.30
74)	T	N-amyl acetate	0.748	1.231	1.559	1.941	2.023	1.994	1.582	32.38
75)	P	1,1,2,2-Tetrac...	1.113	1.313	1.175	1.296	1.237	1.214	1.225	6.12
76)	T	1,2,3-Trichlor...	1.260	1.408	1.223	1.336	1.355	1.165	1.291	7.04
77)	T	Bromobenzene	0.918	0.987	0.855	0.922	0.924	0.909	0.919	4.60
78)	T	n-propylbenzene	3.276	4.048	3.856	4.373	4.405	4.222	4.030	10.49
79)	T	2-Chlorotoluene	2.005	2.622	2.417	2.612	2.585	2.525	2.461	9.57
80)	T	1,3,5-Trimethy...	2.355	2.968	2.813	3.130	3.123	3.053	2.907	10.14
81)	T	trans-1,4-Dich...		0.366	0.404	0.460	0.468	0.460	0.431	10.41
82)	T	4-Chlorotoluene	1.700	2.336	2.461	2.716	2.750	2.665	2.438	16.21
83)	T	tert-Butylbenzene	2.684	2.447	2.289	2.591	2.631	2.571	2.535	5.69
84)	T	1,2,4-Trimethy...	2.259	2.769	2.743	3.078	3.140	3.063	2.842	11.65
85)	T	sec-Butylbenzene	2.564	3.241	3.101	3.510	3.584	3.505	3.251	11.81
86)	T	p-Isopropyltol...	2.190	2.681	2.670	3.148	3.218	3.200	2.851	14.40
87)	T	1,3-Dichlorobe...	1.314	1.618	1.480	1.623	1.662	1.647	1.558	8.72
88)	T	1,4-Dichlorobe...	1.724	1.623	1.434	1.673	1.660	1.673	1.631	6.24
89)	T	n-Butylbenzene	1.904	2.357	2.307	2.763	2.937	2.960	2.538	16.49
90)	T	Hexachloroethane	0.503	0.494	0.448	0.496	0.528	0.526	0.499	5.79
91)	T	1,2-Dichlorobe...	1.299	1.586	1.454	1.614	1.624	1.629	1.534	8.62
92)	T	1,2-Dibromo-3-...	0.158	0.228	0.235	0.278	0.285	0.272	0.243	19.66
93)	T	1,2,4-Trichlor...	0.874	0.955	0.870	1.078	1.124	1.115	1.002	11.76
94)	T	Hexachlorobuta...	0.456	0.496	0.445	0.502	0.513	0.513	0.487	6.09
95)	T	Naphthalene	2.726	2.728	2.657	3.088	3.204	3.188	2.932	8.67
96)	T	1,2,3-Trichlor...	0.957	0.987	0.875	1.010	1.072	1.089	0.998	7.86

(#) = Out of Range