

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N032822W.M
 Title : SW846 8260
 Last Update : Tue Mar 29 09:32:37 2022
 Response Via : Initial Calibration

Calibration Files

1 =VN071605.D 5 =VN071606.D 20 =VN071607.D 50 =VN071608.D 100 =VN071609.D 150 =VN071610.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.506	0.544	0.509	0.470	0.447	0.464	0.490	7.32
3) P	Chloromethane	0.673	0.668	0.585	0.525	0.497	0.510	0.576	13.71
4) C	Vinyl Chloride	0.641	0.719	0.680	0.610	0.585	0.607	0.640	7.91#
5) T	Bromomethane		0.496	0.436	0.398	0.355	0.197	0.376	30.01
6) T	Chloroethane	0.533	0.530	0.511	0.430	0.390	0.383	0.463	15.15
7) T	Trichlorofluor...	0.756	0.841	0.795	0.744	0.710	0.733	0.763	6.23
8) T	Diethyl Ether	0.291	0.351	0.320	0.316	0.309	0.318	0.318	6.14
9) T	1,1,2-Trichlor...	0.462	0.508	0.483	0.453	0.430	0.445	0.464	6.07
10) T	Methyl Iodide		0.699	0.703	0.677	0.655	0.686	0.684	2.83
11) T	Tert butyl alc...		0.099	0.102	0.104	0.109	0.115	0.106	5.87
12) CM	1,1-Dichloroet...	0.437	0.484	0.467	0.443	0.423	0.439	0.449	4.99#
13) T	Acrolein		0.099	0.084	0.084	0.084	0.091	0.088	7.70
14) T	Allyl chloride	0.678	0.749	0.728	0.711	0.702	0.730	0.716	3.45
15) T	Acrylonitrile	0.264	0.316	0.301	0.293	0.294	0.306	0.296	6.06
16) T	Acetone	0.256	0.278	0.246	0.233	0.235	0.235	0.247	7.11
17) T	Carbon Disulfide	1.255	1.208	1.163	1.029	0.998	1.054	1.118	9.43
18) T	Methyl Acetate	1.170	0.837	0.693	0.621	0.622	0.640	0.764	28.15
19) T	Methyl tert-bu...	1.565	1.737	1.655	1.635	1.586	1.655	1.639	3.70
20) T	Methylene Chlo...	0.599	0.584	0.557	0.525	0.499	0.513	0.546	7.38
21) T	trans-1,2-Dich...	0.466	0.538	0.494	0.463	0.447	0.471	0.480	6.74
22) T	Diisopropyl ether	1.428	1.657	1.582	1.533	1.466	1.521	1.531	5.33
23) T	Vinyl Acetate	1.101	1.321	1.322	1.332	1.305	1.370	1.292	7.44
24) P	1,1-Dichloroet...	0.886	1.003	0.924	0.904	0.855	0.900	0.912	5.52
25) T	2-Butanone	0.352	0.401	0.389	0.382	0.388	0.397	0.385	4.50
26) T	2,2-Dichloropr...	0.735	0.832	0.809	0.783	0.758	0.786	0.784	4.41
27) T	cis-1,2-Dichlo...	0.571	0.643	0.602	0.579	0.558	0.587	0.590	5.05
28) T	Bromochloromet...	0.385	0.388	0.340	0.367	0.354	0.376	0.368	5.04
29) T	Tetrahydrofuran	0.214	0.263	0.258	0.252	0.253	0.258	0.250	7.15
30) C	Chloroform	0.900	1.006	0.960	0.937	0.885	0.920	0.935	4.71#
31) T	Cyclohexane		1.021	0.876	0.781	0.742	0.766	0.837	13.67
32) T	1,1,1-Trichlor...	0.726	0.889	0.837	0.814	0.778	0.820	0.811	6.82
33) S	1,2-Dichloroet...		0.629	0.612	0.592	0.561	0.603	0.600	4.19
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.310	0.316	0.310	0.294	0.306	0.307	2.66
36) T	1,1-Dichloropr...	0.457	0.472	0.450	0.428	0.415	0.427	0.441	4.90
37) T	Ethyl Acetate	0.427	0.522	0.500	0.477	0.476	0.494	0.483	6.64
38) T	Carbon Tetrach...	0.429	0.461	0.449	0.435	0.419	0.433	0.437	3.45
39) T	Methylcyclohexane	0.515	0.576	0.575	0.541	0.527	0.541	0.546	4.62
40) TM	Benzene	1.336	1.470	1.405	1.334	1.277	1.310	1.355	5.18
41) T	Methacrylonitrile	0.214	0.242	0.233	0.234	0.239	0.247	0.235	4.97
42) TM	1,2-Dichloroet...	0.476	0.493	0.479	0.463	0.446	0.453	0.468	3.74
43) T	Isopropyl Acetate	1.121	0.903	0.767	0.766	0.786	0.796	0.857	16.24
44) TM	Trichloroethene	0.361	0.377	0.364	0.348	0.338	0.350	0.356	3.95
45) C	1,2-Dichloropr...	0.306	0.362	0.345	0.333	0.323	0.333	0.334	5.68#
46) T	Dibromomethane	0.214	0.243	0.236	0.228	0.222	0.228	0.229	4.45
47) T	Bromodichlorom...	0.391	0.469	0.461	0.464	0.450	0.466	0.450	6.62
48) T	Methyl methacr...	0.305	0.327	0.351	0.356	0.366	0.380	0.348	7.82
49) T	1,4-Dioxane	0.007	0.008	0.008	0.008	0.008	0.008	0.008	4.30
50) S	Toluene-d8		1.290	1.288	1.262	1.220	1.273	1.267	2.25
51) T	4-Methyl-2-Pen...	0.393	0.475	0.485	0.479	0.494	0.513	0.473	8.79
52) CM	Toluene	0.814	0.936	0.902	0.863	0.846	0.869	0.872	4.92#
53) T	t-1,3-Dichloro...	0.421	0.477	0.488	0.501	0.513	0.537	0.489	8.01
54) T	cis-1,3-Dichlo...	0.450	0.529	0.552	0.551	0.546	0.567	0.533	7.96
55) T	1,1,2-Trichlor...	0.356	0.362	0.355	0.344	0.339	0.350	0.351	2.39
56) T	Ethyl methacry...	0.401	0.510	0.535	0.544	0.563	0.595	0.524	12.76

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57)	T	1,3-Dichloropr...	0.547	0.629	0.601	0.583	0.569	0.586	0.586	4.79
58)	T	2-Chloroethyl ...	0.091	0.115	0.115	0.148	0.166	0.174	0.135	24.25
59)	T	2-Hexanone	0.279	0.335	0.347	0.349	0.363	0.359	0.339	9.06
60)	T	Dibromochlorom...	0.300	0.346	0.359	0.363	0.363	0.381	0.352	7.95
61)	T	1,2-Dibromoethane	0.320	0.370	0.361	0.355	0.356	0.370	0.355	5.20
62)	S	4-Bromofluorob...	0.394	0.405	0.420	0.416	0.431	0.413		3.42
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.389	0.389	0.347	0.333	0.311	0.306	0.346	10.58
65)	PM	Chlorobenzene	1.083	1.101	1.068	1.020	0.981	1.007	1.043	4.54
66)	T	1,1,1,2-Tetrac...	0.370	0.392	0.374	0.378	0.361	0.371	0.374	2.77
67)	C	Ethyl Benzene	1.741	1.850	1.853	1.831	1.749	1.783	1.801	2.79#
68)	T	m/p-Xylenes	0.603	0.716	0.717	0.704	0.674	0.692	0.684	6.25
69)	T	o-Xylene	0.627	0.714	0.713	0.703	0.675	0.693	0.688	4.77
70)	T	Styrene	0.834	1.035	1.083	1.126	1.099	1.122	1.050	10.55
71)	P	Bromoform	0.255	0.302	0.293	0.305	0.308	0.304	0.295	6.75
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.087	4.897	4.585	4.155	4.115	4.403	4.373	7.35
74)	T	N-ethyl acetate	1.188	1.363	1.323	1.333	1.362	1.397	1.328	5.52
75)	P	1,1,2,2-Tetrac...	1.701	1.736	1.478	1.343	1.280	1.246	1.464	14.52
76)	T	1,2,3-Trichlor...	1.199	1.320	1.268	1.131	1.146	1.139	1.201	6.49
77)	T	Bromobenzene	1.210	1.251	1.100	1.002	1.000	1.036	1.100	9.84
78)	T	n-propylbenzene	4.469	5.023	4.842	4.553	4.583	4.822	4.715	4.52
79)	T	2-Chlorotoluene	2.963	3.344	3.067	2.770	2.734	2.839	2.953	7.74
80)	T	1,3,5-Trimethy...	3.196	3.909	3.637	3.324	3.257	3.393	3.453	7.85
81)	T	trans-1,4-Dich...	0.403	0.397	0.409	0.436	0.434	0.416		4.32
82)	T	4-Chlorotoluene	2.748	3.033	2.794	2.630	2.612	2.709	2.754	5.55
83)	T	tert-Butylbenzene	2.931	3.591	3.292	3.061	3.028	3.109	3.169	7.54
84)	T	1,2,4-Trimethy...	3.175	3.816	3.543	3.253	3.186	3.315	3.381	7.45
85)	T	sec-Butylbenzene	3.786	4.607	4.309	4.116	4.097	4.204	4.186	6.46
86)	T	p-Isopropyltol...	2.784	3.510	3.488	3.351	3.369	3.455	3.326	8.22
87)	T	1,3-Dichlorobe...	1.885	1.935	1.745	1.705	1.667	1.716	1.776	6.11
88)	T	1,4-Dichlorobe...	2.106	1.881	1.684	1.644	1.604	1.657	1.763	11.02
89)	T	n-Butylbenzene	2.363	2.458	2.435	2.529	2.584	2.711	2.513	4.91
90)	T	Hexachloroethane	0.588	0.677	0.633	0.600	0.623	0.626	0.625	4.92
91)	T	1,2-Dichlorobe...	1.991	1.860	1.733	1.659	1.577	1.617	1.739	9.13
92)	T	1,2-Dibromo-3-...	0.250	0.263	0.249	0.237	0.254	0.265	0.253	4.04
93)	T	1,2,4-Trichlor...	0.778	0.608	0.691	0.792	0.833	0.907	0.768	13.72
94)	T	Hexachlorobuta...	0.530	0.553	0.487	0.470	0.436	0.430	0.484	10.22
95)	T	Naphthalene	1.934	1.366	1.841	2.202	2.477	2.737	2.093	23.32
96)	T	1,2,3-Trichlor...	0.838	0.606	0.691	0.773	0.825	0.882	0.769	13.43

(#) = Out of Range