

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N061722W.M
 Title : SW846 8260
 Last Update : Sat Jun 18 06:22:45 2022
 Response Via : Initial Calibration

Calibration Files

1 =VN072915.D 5 =VN072910.D 20 =VN072912.D 50 =VN072916.D 100 =VN072914.D 10 =VN072911.D

	Compound	1	5	20	50	100	10	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.479	0.442	0.482	0.501	0.490	0.464	0.476	4.36
3) P	Chloromethane	0.702	0.561	0.497	0.497	0.519	0.433	0.535	17.18
4) C	Vinyl Chloride	0.432	0.442	0.436	0.438	0.443	0.370	0.427	6.57#
5) T	Bromomethane		0.199	0.201	0.184	0.075	0.181	0.168	31.42
6) T	Chloroethane	0.337	0.253	0.266	0.267	0.257	0.222	0.267	14.26
7) T	Trichlorofluor...	0.680	0.765	0.770	0.645	0.642	0.670	0.695	8.34
8) T	Diethyl Ether	0.411	0.346	0.363	0.364	0.356	0.312	0.359	8.88
9) T	1,1,2-Trichlor...	0.545	0.485	0.474	0.479	0.460	0.440	0.481	7.41
10) T	Methyl Iodide		0.558	0.565	0.555	0.620	0.456	0.551	10.78
11) T	Tert butyl alc...		0.179	0.170	0.178	0.186	0.159	0.175	5.90
12) CM	1,1-Dichloroet...	0.516	0.483	0.481	0.484	0.486	0.422	0.479	6.44#
13) T	Acrolein		0.066	0.071	0.069	0.070	0.067	0.069	3.08
14) T	Allyl chloride	1.196	1.014	1.007	1.015	1.033	0.873	1.023	10.05
15) T	Acrylonitrile	0.432	0.401	0.407	0.408	0.415	0.353	0.403	6.57
16) T	Acetone	0.454	0.365	0.358	0.361	0.373	0.319	0.372	12.00
17) T	Carbon Disulfide	1.383	1.232	1.212	1.213	1.258	1.061	1.227	8.41
18) T	Methyl Acetate	1.208	1.058	0.943	0.944	0.954	0.831	0.990	13.04
19) T	Methyl tert-bu...	1.825	1.804	1.856	1.854	1.849	1.600	1.798	5.52
20) T	Methylene Chlo...	0.888	0.614	0.589	0.586	0.573	0.522	0.628	20.78
21) T	trans-1,2-Dich...	0.606	0.533	0.505	0.514	0.504	0.461	0.521	9.24
22) T	Diisopropyl ether	1.898	1.960	1.948	1.969	1.964	1.702	1.907	5.44
23) T	Vinyl Acetate	1.775	1.762	1.803	1.830	1.832	1.558	1.760	5.84
24) P	1,1-Dichloroet...	1.015	1.041	1.019	1.011	1.008	0.903	1.000	4.88
25) T	2-Butanone	0.650	0.595	0.586	0.596	0.606	0.505	0.590	8.03
26) T	2,2-Dichloropr...	1.165	0.923	0.849	0.867	0.817	0.768	0.898	15.66
27) T	cis-1,2-Dichlo...	0.660	0.663	0.628	0.618	0.616	0.549	0.622	6.62
28) T	Bromochloromet...	0.375	0.451	0.423	0.431	0.423	0.378	0.413	7.37
29) T	Tetrahydrofuran	0.422	0.385	0.392	0.391	0.399	0.347	0.389	6.26
30) C	Chloroform	1.086	1.041	1.019	1.030	1.018	0.878	1.012	6.95#
31) T	Cyclohexane		1.106	0.884	0.862	0.847	0.873	0.914	11.83
32) T	1,1,1-Trichlor...	0.926	0.898	0.893	0.909	0.918	0.784	0.888	5.93
33) S	1,2-Dichloroet...		0.744	0.641	0.676	0.686	0.632	0.676	6.58
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.315	0.293	0.315	0.318	0.304	0.309	3.45
36) T	1,1-Dichloropr...	0.434	0.431	0.409	0.424	0.428	0.384	0.418	4.52
37) T	Ethyl Acetate	0.783	0.622	0.660	0.671	0.655	0.622	0.669	8.90
38) T	Carbon Tetrach...	0.480	0.456	0.427	0.448	0.450	0.378	0.440	7.84
39) T	Methylcyclohexane	0.520	0.518	0.492	0.520	0.505	0.469	0.504	4.01
40) TM	Benzene	1.374	1.323	1.299	1.345	1.335	1.210	1.314	4.33
41) T	Methacrylonitrile	0.344	0.326	0.296	0.315	0.331	0.291	0.317	6.43
42) TM	1,2-Dichloroet...	0.450	0.483	0.472	0.484	0.476	0.437	0.467	4.08
43) T	Isopropyl Acetate	0.957	0.970	0.952	1.001	1.004	0.853	0.956	5.76
44) TM	Trichloroethene	0.372	0.330	0.328	0.334	0.338	0.295	0.333	7.40
45) C	1,2-Dichloropr...	0.346	0.346	0.327	0.342	0.343	0.312	0.336	4.14#
46) T	Dibromomethane	0.232	0.226	0.225	0.234	0.235	0.211	0.227	3.89
47) T	Bromodichlorom...	0.458	0.448	0.456	0.471	0.481	0.393	0.451	6.83
48) T	Methyl methacr...	0.490	0.410	0.424	0.451	0.460	0.384	0.437	8.67
49) T	1,4-Dioxane	0.010	0.010	0.009	0.010	0.011	0.009	0.010	6.24
50) S	Toluene-d8		1.190	1.071	1.188	1.216	1.086	1.150	5.78
51) T	4-Methyl-2-Pen...	0.627	0.626	0.617	0.651	0.652	0.568	0.623	4.92
52) CM	Toluene	0.803	0.823	0.817	0.836	0.846	0.717	0.807	5.78#
53) T	t-1,3-Dichloro...	0.434	0.492	0.487	0.528	0.540	0.431	0.485	9.42
54) T	cis-1,3-Dichlo...	0.518	0.522	0.526	0.560	0.570	0.486	0.530	5.70
55) T	1,1,2-Trichlor...	0.416	0.363	0.340	0.348	0.346	0.312	0.354	9.69
56) T	Ethyl methacry...	0.563	0.566	0.562	0.605	0.612	0.500	0.568	7.07

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57)	T	1,3-Dichloropr...	0.670	0.573	0.573	0.591	0.598	0.523	0.588	8.19
58)	T	2-Chloroethyl ...	0.210	0.234	0.257	0.279	0.282	0.242	0.251	11.03
59)	T	2-Hexanone	0.481	0.478	0.482	0.506	0.515	0.431	0.482	6.07
60)	T	Dibromochlorom...	0.274	0.344	0.348	0.369	0.372	0.301	0.335	11.68
61)	T	1,2-Dibromoethane	0.337	0.357	0.357	0.364	0.371	0.309	0.349	6.51
62)	S	4-Bromofluorob...	0.419	0.375	0.428	0.460	0.385	0.414		8.27
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.316	0.307	0.309	0.302	0.302	0.289	0.304	3.03
65)	PM	Chlorobenzene	1.003	1.004	0.973	0.998	0.978	0.902	0.976	3.95
66)	T	1,1,1,2-Tetrac...	0.382	0.384	0.374	0.381	0.371	0.338	0.372	4.64
67)	C	Ethyl Benzene	1.646	1.724	1.726	1.791	1.783	1.644	1.719	3.71#
68)	T	m/p-Xylenes	0.715	0.679	0.659	0.691	0.677	0.624	0.674	4.57
69)	T	o-Xylene	0.667	0.691	0.675	0.688	0.686	0.636	0.674	3.06
70)	T	Styrene	1.075	1.055	1.099	1.134	1.144	0.985	1.082	5.41
71)	P	Bromoform	0.260	0.268	0.283	0.308	0.319	0.244	0.280	10.24
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.126	4.099	3.886	3.873	3.729	3.497	3.868	6.08
74)	T	N-amyl acetate	2.224	2.070	2.001	2.035	1.945	1.769	2.007	7.48
75)	P	1,1,2,2-Tetrac...	1.545	1.483	1.413	1.364	1.301	1.252	1.393	7.90
76)	T	1,2,3-Trichlor...	1.238	1.307	1.418	1.084	1.024	1.203	1.212	11.90
77)	T	Bromobenzene	0.952	1.000	0.936	0.935	0.894	0.844	0.927	5.73
78)	T	n-propylbenzene	4.251	4.340	4.290	4.410	4.335	3.902	4.255	4.25
79)	T	2-Chlorotoluene	3.149	2.832	2.732	2.721	2.661	2.436	2.755	8.48
80)	T	1,3,5-Trimethy...	3.163	3.308	3.212	3.258	3.144	2.980	3.177	3.60
81)	T	trans-1,4-Dich...	0.438	0.461	0.474	0.475	0.395	0.449		7.45
82)	T	4-Chlorotoluene	2.839	2.624	2.538	2.644	2.607	2.388	2.607	5.65
83)	T	tert-Butylbenzene	3.030	3.034	2.990	2.957	2.835	2.614	2.910	5.57
84)	T	1,2,4-Trimethy...	3.262	3.271	3.234	3.214	3.117	2.890	3.165	4.59
85)	T	sec-Butylbenzene	3.969	3.943	3.887	3.993	3.900	3.600	3.882	3.71
86)	T	p-Isopropyltol...	3.002	3.202	3.185	3.308	3.210	2.950	3.143	4.37
87)	T	1,3-Dichlorobe...	1.852	1.711	1.628	1.633	1.601	1.502	1.654	7.14
88)	T	1,4-Dichlorobe...	1.914	1.690	1.635	1.652	1.626	1.530	1.674	7.69
89)	T	n-Butylbenzene	2.471	2.483	2.547	2.743	2.800	2.354	2.566	6.69
90)	T	Hexachloroethane	0.597	0.616	0.585	0.615	0.607	0.536	0.592	5.10
91)	T	1,2-Dichlorobe...	1.945	1.769	1.716	1.698	1.648	1.575	1.725	7.30
92)	T	1,2-Dibromo-3-...	0.504	0.376	0.352	0.356	0.350	0.318	0.376	17.39
93)	T	1,2,4-Trichlor...	1.104	0.884	0.949	0.968	0.981	0.842	0.955	9.48
94)	T	Hexachlorobuta...	0.483	0.406	0.400	0.417	0.407	0.380	0.416	8.54
95)	T	Naphthalene	4.953	3.673	3.735	3.726	3.747	3.340	3.863	14.39
96)	T	1,2,3-Trichlor...	1.284	0.962	0.997	0.983	0.994	0.898	1.020	13.19

(#) = Out of Range