

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N061322W.M
 Title : SW846 8260
 Last Update : Tue Jun 14 11:34:08 2022
 Response Via : Initial Calibration

Calibration Files

1 =VN072796.D 5 =VN072797.D 20 =VN072798.D 50 =VN072799.D 100 =VN072800.D 150 =VN072801.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.898	0.879	0.746	0.739	0.701	0.724	0.781	10.86
3) P	Chloromethane	1.274	1.096	0.793	0.767	0.730	0.748	0.901	25.27
4) C	Vinyl Chloride	1.091	1.043	0.858	0.823	0.784	0.792	0.899	14.92#
5) T	Bromomethane		0.440	0.355	0.337	0.331	0.342	0.361	12.42
6) T	Chloroethane	0.835	0.788	0.607	0.583	0.543	0.549	0.651	19.57
7) T	Trichlorofluor...	1.489	1.618	1.351	1.338	1.279	1.303	1.396	9.37
8) T	Diethyl Ether	0.562	0.637	0.521	0.523	0.511	0.530	0.547	8.65
9) T	1,1,2-Trichlor...	0.883	0.892	0.718	0.728	0.699	0.709	0.771	11.71
10) T	Methyl Iodide		0.461	0.490	0.545	0.578	0.581	0.531	10.15
11) T	Tert butyl alc...		1.401	1.299	1.360	1.353	1.466	1.376	4.50
12) CM	1,1-Dichloroet...	0.827	0.793	0.640	0.640	0.628	0.641	0.695	12.95#
13) T	Acrolein		0.099	0.064	0.065	0.064	0.066	0.072	21.34
14) T	Allyl chloride	1.860	1.785	1.526	1.512	1.479	1.534	1.616	10.09
15) T	Acrylonitrile	0.638	0.654	0.652	0.647	0.647	0.669	0.651	1.59
16) T	Acetone	0.777	0.634	0.600	0.600	0.588	0.615	0.636	11.15
17) T	Carbon Disulfide	2.273	2.160	1.402	1.372	1.363	1.417	1.665	25.79
18) T	Methyl Acetate	1.889	1.736	1.633	1.611	1.536	1.621	1.671	7.47
19) T	Methyl tert-bu...	3.413	3.506	3.176	3.136	3.053	3.156	3.240	5.48
20) T	Methylene Chlo...	1.384	1.189	0.926	0.867	0.829	0.849	1.008	22.54
21) T	trans-1,2-Dich...	0.942	0.942	0.717	0.692	0.677	0.705	0.779	16.28
22) T	Diisopropyl ether	3.499	3.541	3.358	3.293	3.258	3.355	3.384	3.33
23) T	Vinyl Acetate	3.083	3.192	2.979	3.024	3.000	3.091	3.061	2.55
24) P	1,1-Dichloroet...	1.938	1.933	1.742	1.674	1.649	1.682	1.770	7.45
25) T	2-Butanone	1.066	0.998	0.966	0.985	0.964	1.003	0.997	3.75
26) T	2,2-Dichloropr...	2.091	1.734	1.508	1.503	1.481	1.509	1.638	14.73
27) T	cis-1,2-Dichlo...	1.092	1.067	0.965	0.949	0.914	0.936	0.987	7.48
28) T	Bromochloromet...	0.790	0.890	0.855	0.854	0.881	0.839	0.852	4.16
29) T	Tetrahydrofuran	0.614	0.643	0.610	0.616	0.603	0.621	0.618	2.20
30) C	Chloroform	1.927	2.019	1.819	1.771	1.719	1.772	1.838	6.16#
31) T	Cyclohexane		2.063	1.420	1.352	1.265	1.306	1.481	22.29
32) T	1,1,1-Trichlor...	1.816	1.726	1.556	1.558	1.533	1.563	1.625	7.19
33) S	1,2-Dichloroet...		1.505	1.420	1.337	1.352	1.386	1.400	4.77
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.512	0.504	0.490	0.480	0.505	0.498	2.59
36) T	1,1-Dichloropr...	0.830	0.770	0.639	0.652	0.620	0.652	0.694	12.28
37) T	Ethyl Acetate	1.213	1.036	1.044	1.032	0.993	1.044	1.060	7.29
38) T	Carbon Tetrach...	0.779	0.788	0.699	0.700	0.676	0.722	0.727	6.30
39) T	Methylcyclohexane	0.903	0.889	0.736	0.743	0.708	0.740	0.786	10.92
40) TM	Benzene	2.223	2.280	2.008	1.984	1.873	1.968	2.056	7.74
41) T	Methacrylonitrile	0.489	0.535	0.470	0.549	0.487	0.517	0.508	6.05
42) TM	1,2-Dichloroet...	0.943	0.967	0.886	0.867	0.809	0.857	0.888	6.52
43) T	Isopropyl Acetate	1.699	1.626	1.625	1.633	1.582	1.682	1.641	2.61
44) TM	Trichloroethene	0.494	0.500	0.458	0.458	0.437	0.459	0.468	5.22
45) C	1,2-Dichloropr...	0.641	0.600	0.582	0.555	0.531	0.561	0.578	6.66#
46) T	Dibromomethane	0.401	0.408	0.382	0.386	0.364	0.387	0.388	3.99
47) T	Bromodichlorom...	0.764	0.846	0.809	0.809	0.785	0.826	0.806	3.62
48) T	Methyl methacr...	0.763	0.805	0.697	0.744	0.727	0.834	0.762	6.68
49) T	1,4-Dioxane	0.010	0.014	0.013	0.014	0.014	0.014	0.013	13.05
50) S	Toluene-d8		1.994	1.994	1.984	1.974	2.054	2.000	1.57
51) T	4-Methyl-2-Pen...	0.970	1.072	1.095	1.130	1.096	1.169	1.089	6.18
52) CM	Toluene	1.275	1.448	1.295	1.284	1.234	1.293	1.305	5.63#
53) T	t-1,3-Dichloro...	0.767	0.786	0.832	0.886	0.893	0.968	0.856	8.79
54) T	cis-1,3-Dichlo...	0.885	0.907	0.904	0.907	0.894	0.951	0.908	2.49
55) T	1,1,2-Trichlor...	0.563	0.552	0.567	0.549	0.526	0.560	0.553	2.68
56) T	Ethyl methacry...	0.882	0.925	0.925	0.995	0.998	1.070	0.966	7.04

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57)	T	1,3-Dichloropr...	1.024	1.027	0.983	0.970	0.944	1.010	0.993	3.30
58)	T	2-Chloroethyl ...	0.311	0.380	0.403	0.449	0.430	0.478	0.408	14.42
59)	T	2-Hexanone	0.696	0.789	0.789	0.861	0.833	0.870	0.806	7.99
60)	T	Dibromochlorom...	0.530	0.547	0.576	0.596	0.583	0.616	0.575	5.51
61)	T	1,2-Dibromoethane	0.514	0.587	0.551	0.561	0.553	0.583	0.558	4.73
62)	S	4-Bromofluorob...	0.661	0.645	0.704	0.737	0.786	0.707		8.09
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.424	0.427	0.398	0.364	0.342	0.341	0.383	10.26
65)	PM	Chlorobenzene	1.469	1.380	1.290	1.282	1.226	1.263	1.318	6.79
66)	T	1,1,1,2-Tetrac...	0.519	0.490	0.516	0.514	0.480	0.496	0.503	3.19
67)	C	Ethyl Benzene	2.518	2.578	2.476	2.447	2.337	2.416	2.462	3.39#
68)	T	m/p-Xylenes	0.898	0.940	0.857	0.870	0.844	0.874	0.881	3.90
69)	T	o-Xylene	0.877	0.918	0.888	0.890	0.861	0.884	0.886	2.11
70)	T	Styrene	1.287	1.449	1.380	1.439	1.419	1.493	1.411	5.05
71)	P	Bromoform	0.328	0.371	0.355	0.381	0.375	0.384	0.366	5.76
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	5.676	5.555	5.066	4.811	4.674	4.797	5.096	8.31
74)	T	N-amyl acetate	2.300	2.471	2.431	2.512	2.461	2.489	2.444	3.09
75)	P	1,1,2,2-Tetrac...	2.056	1.980	1.827	1.751	1.608	1.568	1.798	10.90
76)	T	1,2,3-Trichlor...	2.029	1.692	1.807	1.482	1.645	1.642	1.716	10.81
77)	T	Bromobenzene	1.166	1.119	1.010	0.947	0.937	0.955	1.022	9.54
78)	T	n-propylbenzene	5.630	6.157	5.619	5.480	5.465	5.695	5.675	4.46
79)	T	2-Chlorotoluene	3.916	3.858	3.512	3.356	3.301	3.386	3.555	7.51
80)	T	1,3,5-Trimethy...	4.354	4.473	4.212	3.927	3.832	3.923	4.120	6.40
81)	T	trans-1,4-Dich...	0.504	0.543	0.580	0.586	0.601	0.563		6.97
82)	T	4-Chlorotoluene	3.462	3.665	3.249	3.125	3.120	3.251	3.312	6.43
83)	T	tert-Butylbenzene	4.065	4.077	3.626	3.450	3.365	3.443	3.671	8.75
84)	T	1,2,4-Trimethy...	3.909	4.312	3.988	3.892	3.786	3.853	3.957	4.71
85)	T	sec-Butylbenzene	4.888	5.203	4.942	4.836	4.729	4.892	4.915	3.23
86)	T	p-Isopropyltol...	3.367	4.167	3.871	3.834	3.791	3.942	3.829	6.85
87)	T	1,3-Dichlorobe...	1.909	1.882	1.696	1.678	1.649	1.705	1.753	6.41
88)	T	1,4-Dichlorobe...	1.901	1.877	1.702	1.663	1.591	1.648	1.730	7.40
89)	T	n-Butylbenzene	2.994	3.238	3.096	3.243	3.362	3.552	3.247	6.05
90)	T	Hexachloroethane	0.909	0.834	0.796	0.787	0.777	0.808	0.819	5.90
91)	T	1,2-Dichlorobe...	1.918	1.832	1.765	1.677	1.589	1.638	1.736	7.20
92)	T	1,2-Dibromo-3-...	0.346	0.392	0.409	0.400	0.394	0.425	0.394	6.74
93)	T	1,2,4-Trichlor...	0.664	0.737	0.800	0.812	0.823	0.892	0.788	9.96
94)	T	Hexachlorobuta...	0.413	0.409	0.377	0.363	0.349	0.362	0.379	7.01
95)	T	Naphthalene	2.451	2.659	3.187	3.336	3.379	3.635	3.108	14.69
96)	T	1,2,3-Trichlor...	0.699	0.793	0.819	0.853	0.851	0.905	0.820	8.55

(#) = Out of Range