

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N060822W.M
 Title : SW846 8260
 Last Update : Thu Jun 09 05:17:31 2022
 Response Via : Initial Calibration

Calibration Files

1 =VN072702.D 5 =VN072703.D 20 =VN072704.D 50 =VN072705.D 100 =VN072706.D 150 =VN072707.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.886	0.860	0.730	0.789	0.792	0.810	0.811	6.86
3) P	Chloromethane	1.230	1.095	0.834	0.881	0.877	0.879	0.966	16.44
4) C	Vinyl Chloride	1.012	1.012	0.778	0.849	0.837	0.842	0.888	11.13#
5) T	Bromomethane		0.553	0.403	0.440	0.381	0.401	0.436	15.82
6) T	Chloroethane	0.681	0.843	0.548	0.575	0.541	0.566	0.626	18.86
7) T	Trichlorofluor...	1.654	1.533	1.285	1.353	1.325	1.332	1.414	10.34
8) T	Diethyl Ether	0.618	0.625	0.525	0.553	0.562	0.565	0.575	6.77
9) T	1,1,2-Trichlor...	0.861	0.860	0.706	0.736	0.731	0.751	0.774	8.84
10) T	Methyl Iodide		0.678	0.619	0.746	0.776	0.790	0.722	9.97
11) T	Tert butyl alc...		0.374	0.286	0.314	0.321	0.306	0.320	10.21
12) CM	1,1-Dichloroet...	0.802	0.792	0.630	0.688	0.704	0.712	0.721	9.04#
13) T	Acrolein		0.149	0.119	0.129	0.133	0.132	0.132	8.03
14) T	Allyl chloride	1.897	1.841	1.460	1.602	1.589	1.605	1.666	10.06
15) T	Acrylonitrile	0.670	0.714	0.615	0.683	0.691	0.696	0.678	5.00
16) T	Acetone	0.707	0.675	0.569	0.624	0.642	0.640	0.643	7.29
17) T	Carbon Disulfide	2.239	2.219	1.496	1.640	1.652	1.684	1.822	17.68
18) T	Methyl Acetate	1.980	1.688	1.518	1.619	1.609	1.624	1.673	9.56
19) T	Methyl tert-bu...	3.403	3.429	3.018	3.207	3.205	3.318	3.263	4.67
20) T	Methylene Chlo...	1.343	1.131	0.864	0.925	0.907	0.919	1.015	18.33
21) T	trans-1,2-Dich...	0.925	0.885	0.680	0.767	0.747	0.764	0.794	11.56
22) T	Diisopropyl ether	3.582	3.581	3.114	3.307	3.275	3.396	3.376	5.44
23) T	Vinyl Acetate	3.108	3.291	2.815	3.059	3.100	3.172	3.091	5.09
24) P	1,1-Dichloroet...	1.783	1.935	1.614	1.726	1.717	1.744	1.753	6.01
25) T	2-Butanone	1.159	1.074	0.916	1.007	1.021	1.029	1.034	7.75
26) T	2,2-Dichloropr...	1.966	1.661	1.428	1.483	1.479	1.493	1.585	12.79
27) T	cis-1,2-Dichlo...	1.098	1.091	0.904	1.001	0.975	0.994	1.010	7.29
28) T	Bromochloromet...	0.805	0.858	0.810	0.833	0.839	0.823	0.828	2.36
29) T	Tetrahydrofuran	0.690	0.675	0.576	0.625	0.631	0.637	0.639	6.30
30) C	Chloroform	1.994	1.900	1.671	1.799	1.784	1.817	1.827	6.00#
31) T	Cyclohexane		1.982	1.364	1.431	1.391	1.416	1.517	17.24
32) T	1,1,1-Trichlor...	1.616	1.703	1.486	1.606	1.618	1.660	1.615	4.50
33) S	1,2-Dichloroet...		1.408	1.306	1.294	1.346	1.356	1.342	3.36
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.520	0.485	0.489	0.488	0.492	0.495	2.87
36) T	1,1-Dichloropr...	0.747	0.755	0.604	0.681	0.656	0.678	0.687	8.32
37) T	Ethyl Acetate	1.230	1.039	0.988	1.080	1.033	1.033	1.067	7.96
38) T	Carbon Tetrach...	0.737	0.793	0.668	0.738	0.729	0.739	0.734	5.42
39) T	Methylcyclohexane	0.849	0.899	0.719	0.788	0.760	0.767	0.797	8.21
40) TM	Benzene	2.241	2.264	1.892	2.076	1.998	2.032	2.084	6.92
41) T	Methacrylonitrile	0.297	0.352	0.367	0.360	0.421	0.362	0.360	11.01
42) TM	1,2-Dichloroet...	0.894	0.940	0.788	0.868	0.839	0.856	0.864	5.90
43) T	Isopropyl Acetate	1.760	1.701	1.543	1.655	1.629	1.680	1.662	4.40
44) TM	Trichloroethene	0.500	0.520	0.444	0.492	0.468	0.487	0.485	5.44
45) C	1,2-Dichloropr...	0.568	0.601	0.523	0.570	0.555	0.562	0.563	4.47#
46) T	Dibromomethane	0.418	0.422	0.355	0.391	0.378	0.398	0.394	6.36
47) T	Bromodichlorom...	0.793	0.839	0.742	0.829	0.814	0.838	0.809	4.59
48) T	Methyl methacr...	0.929	0.817	0.704	0.752	0.745	0.769	0.786	10.04
49) T	1,4-Dioxane	0.015	0.015	0.013	0.016	0.015	0.014	0.014	6.08
50) S	Toluene-d8		2.002	1.932	1.959	1.990	1.986	1.974	1.43
51) T	4-Methyl-2-Pen...	1.038	1.130	1.009	1.120	1.102	1.094	1.082	4.41
52) CM	Toluene	1.296	1.395	1.195	1.329	1.288	1.305	1.301	4.98#
53) T	t-1,3-Dichloro...	0.856	0.915	0.794	0.942	0.930	0.958	0.899	6.93
54) T	cis-1,3-Dichlo...	0.902	0.991	0.846	0.942	0.933	0.959	0.929	5.39
55) T	1,1,2-Trichlor...	0.599	0.599	0.517	0.560	0.537	0.557	0.561	5.88
56) T	Ethyl methacry...	1.005	0.984	0.899	1.026	1.007	1.038	0.993	5.02

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57)	T	1,3-Dichloropr...	1.055	1.054	0.917	1.011	0.979	0.999	1.003	5.16
58)	T	2-Chloroethyl ...	0.332	0.367	0.372	0.428	0.431	0.444	0.396	11.34
59)	T	2-Hexanone	0.722	0.815	0.730	0.860	0.841	0.807	0.796	7.19
60)	T	Dibromochlorom...	0.531	0.592	0.537	0.613	0.600	0.624	0.583	6.78
61)	T	1,2-Dibromoethane	0.569	0.625	0.507	0.592	0.577	0.584	0.575	6.73
62)	S	4-Bromofluorob...	0.614	0.605	0.689	0.744	0.734	0.677		9.63
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.485	0.493	0.399	0.396	0.370	0.384	0.421	12.74
65)	PM	Chlorobenzene	1.439	1.398	1.202	1.330	1.286	1.339	1.332	6.26
66)	T	1,1,1,2-Tetrac...	0.572	0.550	0.486	0.533	0.506	0.533	0.530	5.77
67)	C	Ethyl Benzene	2.586	2.598	2.303	2.526	2.466	2.552	2.505	4.38#
68)	T	m/p-Xylenes	0.932	0.909	0.809	0.898	0.881	0.913	0.890	4.86
69)	T	o-Xylene	0.852	0.954	0.831	0.912	0.887	0.933	0.895	5.29
70)	T	Styrene	1.268	1.389	1.270	1.476	1.480	1.556	1.407	8.47
71)	P	Bromoform	0.329	0.360	0.341	0.399	0.397	0.411	0.373	9.21
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	5.898	6.047	5.076	5.137	4.974	5.048	5.363	8.89
74)	T	N-amyl acetate	2.329	2.729	2.274	2.582	2.524	2.519	2.493	6.72
75)	P	1,1,2,2-Tetrac...	2.119	2.158	1.774	1.815	1.686	1.619	1.862	12.09
76)	T	1,2,3-Trichlor...	1.747	1.876	1.538	1.569	1.515	1.437	1.613	10.19
77)	T	Bromobenzene	1.200	1.117	0.994	1.016	0.997	1.020	1.057	7.88
78)	T	n-propylbenzene	5.671	6.435	5.478	5.845	5.813	5.893	5.856	5.48
79)	T	2-Chlorotoluene	3.927	3.946	3.534	3.594	3.541	3.500	3.674	5.61
80)	T	1,3,5-Trimethy...	4.439	4.721	4.027	4.169	4.028	4.113	4.250	6.51
81)	T	trans-1,4-Dich...	0.624	0.586	0.620	0.632	0.623	0.617		2.93
82)	T	4-Chlorotoluene	3.499	3.670	3.136	3.338	3.314	3.401	3.393	5.32
83)	T	tert-Butylbenzene	3.889	4.213	3.535	3.630	3.519	3.609	3.732	7.25
84)	T	1,2,4-Trimethy...	3.901	4.569	3.891	4.063	3.957	4.017	4.066	6.27
85)	T	sec-Butylbenzene	4.988	5.299	4.802	5.050	4.973	5.106	5.036	3.26
86)	T	p-Isopropyltol...	3.712	4.222	3.707	4.017	4.006	4.106	3.962	5.31
87)	T	1,3-Dichlorobe...	1.995	1.809	1.714	1.721	1.754	1.781	1.796	5.80
88)	T	1,4-Dichlorobe...	1.946	1.823	1.596	1.714	1.721	1.755	1.759	6.70
89)	T	n-Butylbenzene	3.264	3.181	3.014	3.393	3.516	3.658	3.338	6.99
90)	T	Hexachloroethane	0.805	0.930	0.786	0.880	0.864	0.880	0.857	6.24
91)	T	1,2-Dichlorobe...	1.800	1.906	1.720	1.735	1.683	1.716	1.760	4.62
92)	T	1,2-Dibromo-3-...	0.553	0.446	0.412	0.428	0.424	0.437	0.450	11.54
93)	T	1,2,4-Trichlor...	0.831	0.795	0.789	0.867	0.868	0.930	0.847	6.25
94)	T	Hexachlorobuta...	0.374	0.395	0.373	0.380	0.373	0.380	0.379	2.19
95)	T	Naphthalene	2.814	2.885	3.097	3.488	3.604	3.823	3.285	12.55
96)	T	1,2,3-Trichlor...	0.771	0.782	0.812	0.877	0.884	0.932	0.843	7.59

(#) = Out of Range