

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N060625W.M
 Title : SW846 8260
 Last Update : Sat Jun 07 02:12:50 2025
 Response Via : Initial Calibration

Calibration Files

1 =VN086862.D 5 =VN086863.D 20 =VN086864.D 50 =VN086865.D 100 =VN086866.D 150 =VN086867.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.467	0.444	0.539	0.501	0.535	0.506	0.499	7.51
3) P	Chloromethane	0.762	0.654	0.645	0.597	0.617	0.587	0.644	9.85
4) C	Vinyl Chloride	0.670	0.670	0.684	0.640	0.673	0.648	0.664	2.49#
5) T	Bromomethane		0.375	0.380	0.357	0.379	0.368	0.372	2.57
6) T	Chloroethane	0.460	0.444	0.442	0.408	0.418	0.402	0.429	5.37
7) T	Trichlorofluor...	0.882	0.903	0.904	0.834	0.858	0.825	0.868	3.93
8) T	Diethyl Ether	0.372	0.397	0.383	0.363	0.384	0.369	0.378	3.28
9) T	1,1,2-Trichlor...	0.554	0.567	0.563	0.519	0.546	0.520	0.545	3.83
10) T	Methyl Iodide		0.720	0.729	0.683	0.722	0.679	0.707	3.35
11) T	Tert butyl alc...		0.192	0.194	0.176	0.180	0.166	0.182	6.37
12) CM	1,1-Dichloroet...	0.573	0.593	0.563	0.533	0.550	0.527	0.557	4.44#
13) T	Acrolein		0.073	0.051	0.045	0.052	0.066	0.057	20.26
14) T	Allyl chloride	0.985	0.911	0.925	0.865	0.905	0.947	0.923	4.40
15) T	Acrylonitrile	0.434	0.434	0.445	0.407	0.423	0.404	0.425	3.82
16) T	Acetone	0.426	0.366	0.366	0.322	0.334	0.316	0.355	11.53
17) T	Carbon Disulfide	1.718	1.621	1.542	1.426	1.496	1.433	1.539	7.38
18) T	Methyl Acetate	1.035	1.049	1.078	0.986	1.049	1.011	1.035	3.10
19) T	Methyl tert-bu...	2.120	2.038	2.051	1.933	2.021	1.926	2.015	3.69
20) T	Methylene Chlo...	0.822	0.688	0.643	0.605	0.629	0.601	0.665	12.52
21) T	trans-1,2-Dich...	0.700	0.674	0.621	0.567	0.591	0.561	0.619	9.25
22) T	Diisopropyl ether	2.018	2.020	2.036	1.856	1.915	1.828	1.945	4.70
23) T	Vinyl Acetate	1.743	1.692	1.715	1.591	1.604	1.517	1.644	5.29
24) P	1,1-Dichloroet...	1.192	1.152	1.156	1.063	1.110	1.043	1.120	5.17
25) T	2-Butanone	0.604	0.598	0.604	0.551	0.573	0.533	0.577	5.18
26) T	2,2-Dichloropr...	0.967	0.796	0.778	0.905	0.912	0.868	0.871	8.32
27) T	cis-1,2-Dichlo...	0.786	0.766	0.762	0.699	0.729	0.701	0.740	4.93
28) T	Bromochloromet...	0.579	0.564	0.616	0.466	0.517	0.560	0.550	9.48
29) T	Tetrahydrofuran	0.390	0.390	0.399	0.358	0.372	0.346	0.376	5.46
30) C	Chloroform	1.235	1.151	1.145	1.061	1.085	1.030	1.118	6.66#
31) T	Cyclohexane		1.303	1.116	1.004	1.030	0.976	1.086	12.21
32) T	1,1,1-Trichlor...	1.029	0.995	0.969	0.895	0.925	0.893	0.951	5.88
33) S	1,2-Dichloroet...		0.732	0.707	0.500	0.656	0.751	0.669	15.08
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.303	0.310	0.219	0.298	0.351	0.296	16.15
36) T	1,1-Dichloropr...	0.467	0.458	0.438	0.418	0.442	0.426	0.442	4.23
37) T	Ethyl Acetate	0.544	0.615	0.577	0.536	0.565	0.535	0.562	5.48
38) T	Carbon Tetrach...	0.453	0.449	0.434	0.409	0.435	0.421	0.433	3.88
39) T	Methylcyclohexane	0.633	0.645	0.588	0.570	0.603	0.589	0.605	4.75
40) TM	Benzene	1.588	1.501	1.444	1.345	1.414	1.371	1.444	6.20
41) T	Methacrylonitrile	0.356	0.319	0.318	0.303	0.299	0.299	0.316	6.84
42) TM	1,2-Dichloroet...	0.473	0.456	0.444	0.411	0.430	0.413	0.438	5.60
43) T	Isopropyl Acetate	0.975	0.950	0.906	0.852	0.884	0.845	0.902	5.79
44) TM	Trichloroethene	0.359	0.360	0.341	0.327	0.340	0.327	0.342	4.17
45) C	1,2-Dichloropr...	0.366	0.369	0.354	0.332	0.352	0.335	0.351	4.40#
46) T	Dibromomethane	0.233	0.242	0.241	0.221	0.237	0.226	0.233	3.54
47) T	Bromodichlorom...	0.510	0.484	0.480	0.457	0.483	0.465	0.480	3.80
48) T	Methyl methacr...	0.444	0.415	0.421	0.394	0.421	0.397	0.415	4.40
49) T	1,4-Dioxane	0.006	0.007	0.008	0.008	0.008	0.007	0.008	9.40
50) S	Toluene-d8		1.245	1.203	0.861	1.178	1.377	1.173	16.23
51) T	4-Methyl-2-Pen...	0.505	0.549	0.576	0.538	0.562	0.528	0.543	4.64
52) CM	Toluene	0.918	0.914	0.885	0.835	0.883	0.859	0.882	3.61#
53) T	t-1,3-Dichloro...	0.571	0.526	0.524	0.522	0.548	0.530	0.537	3.59
54) T	cis-1,3-Dichlo...	0.609	0.577	0.564	0.551	0.584	0.561	0.574	3.61
55) T	1,1,2-Trichlor...	0.359	0.355	0.342	0.322	0.335	0.323	0.340	4.66
56) T	Ethyl methacry...	0.433	0.516	0.567	0.556	0.595	0.578	0.541	10.92

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57)	T	1,3-Dichloropr...	0.643	0.600	0.587	0.561	0.583	0.559	0.589	5.27
58)	T	2-Chloroethyl ...	0.278	0.305	0.334	0.274	0.340	0.405	0.323	15.07
59)	T	2-Hexanone	0.312	0.282	0.363	0.368	0.397	0.376	0.350	12.36
60)	T	Dibromochlorom...	0.361	0.351	0.358	0.340	0.363	0.349	0.354	2.49
61)	T	1,2-Dibromoethane	0.353	0.358	0.354	0.329	0.354	0.341	0.348	3.18
62)	S	4-Bromofluorob...	0.441	0.446	0.325	0.446	0.521	0.436		16.16
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.355	0.331	0.312	0.294	0.313	0.293	0.316	7.51
65)	PM	Chlorobenzene	1.233	1.135	1.107	1.023	1.089	1.030	1.103	7.01
66)	T	1,1,1,2-Tetrac...	0.362	0.374	0.358	0.338	0.356	0.338	0.354	3.99
67)	C	Ethyl Benzene	1.989	1.975	1.907	1.796	1.913	1.816	1.899	4.19#
68)	T	m/p-Xylenes	0.730	0.751	0.741	0.701	0.736	0.703	0.727	2.82
69)	T	o-Xylene	0.714	0.699	0.702	0.674	0.711	0.678	0.696	2.42
70)	T	Styrene	1.177	1.193	1.226	1.162	1.229	1.164	1.192	2.51
71)	P	Bromoform	0.217	0.266	0.276	0.265	0.286	0.267	0.263	9.09
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.864	3.749	3.649	3.426	3.621	3.546	3.643	4.21
74)	T	N-amyl acetate	1.376	1.110	1.187	1.266	1.372	1.327	1.273	8.42
75)	P	1,1,2,2-Tetrac...	1.292	1.299	1.273	1.178	1.205	1.157	1.234	4.99
76)	T	1,2,3-Trichlor...	1.297	1.189	1.129	1.173	1.201	1.142	1.189	5.03
77)	T	Bromobenzene	0.870	0.855	0.840	0.790	0.838	0.819	0.835	3.36
78)	T	n-propylbenzene	4.530	4.627	4.449	4.211	4.424	4.317	4.427	3.35
79)	T	2-Chlorotoluene	2.852	2.723	2.674	2.507	2.618	2.554	2.655	4.69
80)	T	1,3,5-Trimethy...	3.004	3.091	3.035	2.898	3.064	2.953	3.007	2.39
81)	T	trans-1,4-Dich...	0.510	0.522	0.476	0.546	0.528	0.516		5.06
82)	T	4-Chlorotoluene	2.899	2.757	2.671	2.531	2.664	2.595	2.686	4.81
83)	T	tert-Butylbenzene	2.942	2.810	2.736	2.617	2.745	2.668	2.753	4.14
84)	T	1,2,4-Trimethy...	2.952	3.122	3.063	2.914	3.075	2.968	3.016	2.73
85)	T	sec-Butylbenzene	4.114	4.126	4.037	3.829	4.018	3.861	3.998	3.15
86)	T	p-Isopropyltol...	3.305	3.425	3.321	3.184	3.366	3.227	3.305	2.68
87)	T	1,3-Dichlorobe...	1.763	1.709	1.657	1.554	1.612	1.566	1.644	5.01
88)	T	1,4-Dichlorobe...	1.820	1.786	1.657	1.572	1.642	1.576	1.676	6.27
89)	T	n-Butylbenzene	3.473	3.292	3.140	3.059	3.188	3.054	3.201	4.99
90)	T	Hexachloroethane	0.580	0.537	0.569	0.537	0.577	0.562	0.560	3.43
91)	T	1,2-Dichlorobe...	1.675	1.651	1.596	1.500	1.557	1.496	1.579	4.77
92)	T	1,2-Dibromo-3-...	0.339	0.317	0.290	0.272	0.283	0.270	0.295	9.29
93)	T	1,2,4-Trichlor...	1.042	1.037	0.991	0.969	1.016	0.994	1.008	2.82
94)	T	Hexachlorobuta...	0.364	0.391	0.385	0.363	0.382	0.369	0.376	3.11
95)	T	Naphthalene	3.820	3.727	3.761	3.600	3.839	3.772	3.753	2.27
96)	T	1,2,3-Trichlor...	1.073	1.009	0.993	0.950	1.000	0.987	1.002	4.05

(#) = Out of Range