

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N062822W.M
 Title : SW846 8260
 Last Update : Tue Jun 28 15:54:20 2022
 Response Via : Initial Calibration

Calibration Files

1 =VN073193.D 5 =VN073194.D 10 =VN073200.D 20 =VN073195.D 50 =VN073196.D 75 =VN073202.D

Compound	1	5	10	20	50	75	Avg	%RSD

1) I Pentafluorobenzene	-----ISTD-----							
2) T Dichlorodifluo...	0.644	0.682	0.766	0.777	0.788	0.729	0.731	7.89
3) P Chloromethane	0.701	0.738	0.713	0.718	0.726	0.662	0.710	3.70
4) C Vinyl Chloride	0.627	0.616	0.568	0.619	0.626	0.562	0.603	4.91#
5) T Bromomethane		0.309	0.318	0.297	0.286	0.214	0.285	14.52
6) T Chloroethane	0.392	0.351	0.335	0.358	0.365	0.327	0.355	6.49
7) T Trichlorofluor...	0.969	1.073	1.039	1.086	1.105	0.983	1.043	5.38
8) T Diethyl Ether	0.396	0.431	0.422	0.442	0.451	0.404	0.424	5.01
9) T 1,1,2-Trichlor...	0.658	0.605	0.602	0.621	0.630	0.579	0.616	4.40
10) T Methyl Iodide		0.556	0.452	0.654	0.748	0.660	0.614	18.43
11) T Tert butyl alc...		0.178	0.164	0.177	0.193	0.162	0.175	7.28
12) CM 1,1-Dichloroet...	0.614	0.570	0.584	0.593	0.610	0.560	0.589	3.63#
13) T Acrolein		0.125	0.100	0.117	0.118	0.092	0.111	12.41
14) T Allyl chloride	1.349	1.265	1.163	1.222	1.288	1.153	1.240	6.09
15) T Acrylonitrile	0.464	0.459	0.420	0.458	0.486	0.414	0.450	6.14
16) T Acetone	0.437	0.407	0.378	0.412	0.432	0.365	0.405	7.03
17) T Carbon Disulfide	1.476	1.481	1.529	1.550	1.639	1.483	1.526	4.13
18) T Methyl Acetate	1.301	1.158	1.057	1.125	1.162	1.009	1.135	8.87
19) T Methyl tert-bu...	2.117	2.129	2.114	2.202	2.271	2.038	2.145	3.76
20) T Methylene Chlo...	0.771	0.730	0.693	0.715	0.721	0.643	0.712	5.97
21) T trans-1,2-Dich...	0.613	0.608	0.622	0.630	0.636	0.581	0.615	3.17
22) T Diisopropyl ether	2.207	2.385	2.261	2.393	2.444	2.193	2.314	4.61
23) T Vinyl Acetate	1.902	2.064	2.033	2.147	2.260	2.024	2.072	5.85
24) P 1,1-Dichloroet...	1.147	1.215	1.192	1.225	1.255	1.150	1.197	3.58
25) T 2-Butanone	0.632	0.658	0.610	0.669	0.707	0.595	0.645	6.39
26) T 2,2-Dichloropr...	1.306	1.098	1.048	1.074	1.087	1.031	1.107	9.09
27) T cis-1,2-Dichlo...	0.728	0.753	0.730	0.771	0.784	0.703	0.745	4.02
28) T Bromochloromet...	0.436	0.495	0.440	0.548	0.573	0.516	0.501	11.18
29) T Tetrahydrofuran	0.456	0.463	0.405	0.450	0.475	0.400	0.442	7.14
30) C Chloroform	1.195	1.210	1.171	1.247	1.278	1.135	1.206	4.26#
31) T Cyclohexane		1.319	1.198	1.182	1.157	1.055	1.182	8.02
32) T 1,1,1-Trichlor...	1.020	1.064	1.072	1.117	1.144	1.030	1.075	4.51
33) S 1,2-Dichloroet...		0.850	0.713	0.664	0.716	0.667	0.722	10.50

34) I 1,4-Difluorobenzene	-----ISTD-----							
35) S Dibromofluorom...		0.376	0.341	0.296	0.329	0.321	0.333	8.77
36) T 1,1-Dichloropr...	0.483	0.515	0.525	0.515	0.521	0.512	0.512	2.93
37) T Ethyl Acetate	0.820	0.796	0.732	0.775	0.795	0.722	0.773	5.01
38) T Carbon Tetrach...	0.541	0.525	0.527	0.529	0.536	0.518	0.529	1.54
39) T Methylcyclohexane	0.611	0.630	0.639	0.642	0.651	0.650	0.637	2.33

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40)	TM	Benzene	1.531	1.602	1.589	1.615	1.619	1.522	1.580	2.69
41)	T	Methacrylonitrile	0.405	0.367	0.377	0.377	0.357	0.368	0.375	4.36
42)	TM	1,2-Dichloroet...	0.552	0.579	0.578	0.583	0.589	0.555	0.573	2.67
43)	T	Isopropyl Acetate	1.036	1.134	1.098	1.129	1.176	1.097	1.112	4.22
44)	TM	Trichloroethene	0.425	0.394	0.396	0.396	0.412	0.388	0.402	3.47
45)	C	1,2-Dichloropr...	0.393	0.398	0.411	0.407	0.417	0.390	0.403	2.56#
46)	T	Dibromomethane	0.272	0.283	0.274	0.267	0.277	0.266	0.273	2.31
47)	T	Bromodichlorom...	0.479	0.515	0.535	0.545	0.560	0.542	0.529	5.45
48)	T	Methyl methacr...	0.547	0.475	0.488	0.516	0.566	0.496	0.515	6.91
49)	T	1,4-Dioxane	0.009	0.009	0.010	0.011	0.011	0.009	0.010	7.99
50)	S	Toluene-d8		1.376	1.188	1.038	1.168	1.138	1.181	10.41
51)	T	4-Methyl-2-Pen...	0.645	0.720	0.689	0.733	0.753	0.690	0.705	5.47
52)	CM	Toluene	0.939	0.972	0.982	0.992	1.002	0.971	0.976	2.24#
53)	T	t-1,3-Dichloro...	0.495	0.553	0.594	0.601	0.628	0.627	0.583	8.73
54)	T	cis-1,3-Dichlo...	0.590	0.579	0.646	0.637	0.664	0.660	0.629	5.74
55)	T	1,1,2-Trichlor...	0.422	0.405	0.404	0.404	0.402	0.374	0.402	3.86
56)	T	Ethyl methacry...	0.575	0.653	0.634	0.663	0.701	0.671	0.650	6.58
57)	T	1,3-Dichloropr...	0.673	0.695	0.683	0.698	0.712	0.673	0.689	2.21
58)	T	2-Chloroethyl ...	0.250	0.273	0.281	0.296	0.326	0.313	0.290	9.56
59)	T	2-Hexanone	0.489	0.537	0.530	0.556	0.582	0.529	0.537	5.77
60)	T	Dibromochlorom...	0.301	0.365	0.389	0.412	0.421	0.412	0.383	11.83
61)	T	1,2-Dibromoethane	0.353	0.395	0.408	0.410	0.431	0.412	0.401	6.53
62)	S	4-Bromofluorob...		0.450	0.468	0.401	0.479	0.473	0.454	6.95
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.420	0.405	0.418	0.418	0.412	0.376	0.408	4.09
65)	PM	Chlorobenzene	1.115	1.149	1.162	1.130	1.140	1.089	1.131	2.31
66)	T	1,1,1,2-Tetrac...	0.429	0.387	0.426	0.418	0.431	0.404	0.416	4.11
67)	C	Ethyl Benzene	1.966	2.017	2.100	2.100	2.126	2.009	2.053	3.13#
68)	T	m/p-Xylenes	0.726	0.779	0.785	0.789	0.804	0.765	0.775	3.50
69)	T	o-Xylene	0.807	0.786	0.788	0.802	0.804	0.758	0.791	2.31
70)	T	Styrene	1.096	1.158	1.245	1.273	1.304	1.252	1.221	6.42
71)	P	Bromoform	0.251	0.281	0.311	0.313	0.342	0.329	0.304	11.01
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.128	4.567	4.360	4.367	4.406	4.078	4.318	4.24
74)	T	N-amyl acetate	2.361	2.151	2.093	2.106	2.252	2.008	2.162	5.84
75)	P	1,1,2,2-Tetrac...	1.467	1.588	1.401	1.417	1.444	1.280	1.433	6.98
76)	T	1,2,3-Trichlor...	1.353	1.577	1.221	1.212	1.221	1.261	1.307	10.87
77)	T	Bromobenzene	1.018	1.046	1.019	0.995	1.015	0.930	1.004	3.97
78)	T	n-propylbenzene	4.235	4.864	4.915	4.863	5.099	4.803	4.797	6.11
79)	T	2-Chlorotoluene	3.028	3.192	3.061	3.020	3.088	2.825	3.036	3.97
80)	T	1,3,5-Trimethy...	3.216	3.677	3.620	3.552	3.646	3.404	3.519	5.04
81)	T	trans-1,4-Dich...		0.452	0.448	0.478	0.516	0.490	0.477	5.93
82)	T	4-Chlorotoluene	2.815	3.053	3.016	2.898	3.008	2.844	2.939	3.40
83)	T	tert-Butylbenzene	2.977	3.332	3.211	3.153	3.258	2.999	3.155	4.51
84)	T	1,2,4-Trimethy...	3.268	3.624	3.645	3.504	3.642	3.400	3.514	4.40
85)	T	sec-Butylbenzene	3.718	4.211	4.368	4.307	4.525	4.291	4.237	6.49
86)	T	p-Isopropyltol...	2.917	3.406	3.483	3.523	3.684	3.522	3.422	7.71
87)	T	1,3-Dichlorobe...	1.832	1.844	1.819	1.761	1.838	1.712	1.801	2.94

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88)	T	1,4-Dichlorobe...	1.893	1.776	1.881	1.732	1.830	1.715	1.804	4.18
89)	T	n-Butylbenzene	2.657	2.560	2.882	2.772	3.109	3.133	2.852	8.24
90)	T	Hexachloroethane	0.534	0.632	0.658	0.663	0.687	0.654	0.638	8.42
91)	T	1,2-Dichlorobe...	1.837	1.885	1.827	1.867	1.871	1.721	1.835	3.27
92)	T	1,2-Dibromo-3-...	0.340	0.369	0.332	0.342	0.381	0.325	0.348	6.34
93)	T	1,2,4-Trichlor...	0.849	0.908	0.990	0.938	1.026	1.020	0.955	7.27
94)	T	Hexachlorobuta...	0.453	0.404	0.433	0.400	0.436	0.422	0.425	4.75
95)	T	Naphthalene	4.137	3.760	3.810	3.709	4.050	3.656	3.854	5.04
96)	T	1,2,3-Trichlor...	0.996	0.920	0.982	0.945	1.064	1.005	0.985	5.07

(#) = Out of Range