

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N092921W.M
 Title : SW846 8260
 Last Update : Wed Sep 29 16:03:01 2021
 Response Via : Initial Calibration

Calibration Files

1 =VN068734.D 5 =VN068735.D 10 =VN068741.D 20 =VN068736.D 50 =VN068737.D 100 =VN068738.D

	Compound	1	5	10	20	50	100	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.624	0.566	0.536	0.571	0.481	0.508	0.548	9.23
3) P	Chloromethane	0.840	0.644	0.565	0.603	0.485	0.481	0.603	22.01
4) C	Vinyl Chloride	1.349	1.264	1.025	1.165	0.983	0.945	1.122	14.58#
5) T	Bromomethane		1.184	0.898	0.941	0.793	0.778	0.919	17.79
6) T	Chloroethane	1.188	1.067	0.838	0.980	0.815	0.762	0.942	17.58
7) T	Trichlorofluor...	1.197	1.065	0.880	0.983	0.824	0.824	0.962	15.48
8) T	Diethyl Ether	0.321	0.322	0.283	0.333	0.288	0.283	0.305	7.41
9) T	1,1,2-Trichlor...	0.654	0.586	0.526	0.571	0.470	0.483	0.548	12.64
10) T	Methyl Iodide		0.492	0.340	0.536	0.482	0.512	0.472	16.26
11) T	Tert butyl alc...		0.094	0.090	0.101	0.090	0.092	0.093	5.16
12) CM	1,1-Dichloroet...	0.573	0.512	0.438	0.468	0.410	0.418	0.470	13.41#
13) T	Acrolein		0.029	0.011	0.015	0.014	0.014	0.017	43.40
14) T	Allyl chloride	0.818	0.721	0.684	0.765	0.690	0.718	0.733	6.93
15) T	Acrylonitrile	0.270	0.275	0.242	0.279	0.253	0.258	0.263	5.41
16) T	Acetone	0.359	3.492	0.281	0.291	0.229	0.224	0.813	161.64
17) T	Carbon Disulfide	1.346	1.279	0.916	0.996	0.865	0.910	1.052	19.70
18) T	Methyl Acetate	0.947	0.867	0.790	0.885	0.771	0.780	0.840	8.45
19) T	Methyl tert-bu...	1.907	1.855	1.735	1.999	1.794	1.899	1.865	4.96
20) T	Methylene Chlo...	0.731	0.660	0.570	0.612	0.521	0.535	0.605	13.29
21) T	trans-1,2-Dich...	0.586	0.569	0.494	0.542	0.476	0.501	0.528	8.42
22) T	Diisopropyl ether	1.516	1.767	1.645	1.907	1.747	1.812	1.732	7.87
23) T	Vinyl Acetate	1.263	1.342	1.290	1.496	1.383	1.441	1.369	6.51
24) P	1,1-Dichloroet...	1.169	1.086	0.980	1.111	0.965	0.982	1.049	8.09
25) T	2-Butanone	0.407	0.396	0.376	0.421	0.370	0.375	0.391	5.23
26) T	2,2-Dichloropr...	0.987	1.004	0.929	1.079	0.954	0.995	0.991	5.15
27) T	cis-1,2-Dichlo...	0.719	0.704	0.633	0.716	0.643	0.660	0.679	5.64
28) T	Bromochloromet...	0.478	0.471	0.409	0.530	0.456	0.514	0.476	9.02
29) T	Tetrahydrofuran	0.249	0.235	0.228	0.264	0.235	0.238	0.242	5.32
30) C	Chloroform	1.311	1.278	1.121	1.333	1.176	1.188	1.234	6.86#
31) T	Cyclohexane		1.140	0.857	0.907	0.784	0.790	0.896	16.26
32) T	1,1,1-Trichlor...	1.163	1.095	1.001	1.177	1.063	1.098	1.100	5.91
33) S	1,2-Dichloroet...	0.788	0.766	0.573	0.690	0.665		0.697	12.34
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.333	0.347	0.259	0.311	0.304		0.311	10.74
36) T	1,1-Dichloropr...	0.509	0.492	0.427	0.485	0.438	0.470	0.470	6.78
37) T	Ethyl Acetate	0.488	0.422	0.422	0.445	0.433	0.466	0.446	5.91
38) T	Carbon Tetrach...	0.618	0.573	0.488	0.582	0.526	0.564	0.559	8.13
39) T	Methylcyclohexane	0.563	0.593	0.487	0.568	0.502	0.556	0.545	7.58
40) TM	Benzene	1.454	1.534	1.313	1.511	1.346	1.433	1.432	6.13
41) T	Methacrylonitrile	0.208	0.203	0.210	0.217	0.208	0.227	0.212	4.04
42) TM	1,2-Dichloroet...	0.603	0.594	0.499	0.596	0.531	0.550	0.562	7.52
43) T	Isopropyl Acetate	0.797	0.826	0.769	0.888	0.806	0.840	0.821	5.00
44) TM	Trichloroethene	0.428	0.383	0.342	0.399	0.360	0.381	0.382	7.83
45) C	1,2-Dichloropr...	0.373	0.381	0.342	0.400	0.351	0.371	0.369	5.61#
46) T	Dibromomethane	0.276	0.289	0.269	0.305	0.274	0.287	0.283	4.66
47) T	Bromodichlorom...	0.543	0.577	0.528	0.622	0.552	0.599	0.570	6.28
48) T	Methyl methacr...	0.355	0.322	0.315	0.361	0.342	0.372	0.345	6.56
49) T	1,4-Dioxane	0.005	0.006	0.005	0.006	0.006	0.006	0.006	7.53
50) S	Toluene-d8	1.170	1.227	0.968	1.159	1.153		1.135	8.65
51) T	4-Methyl-2-Pen...	0.446	0.468	0.479	0.541	0.502	0.542	0.496	7.96
52) CM	Toluene	0.935	0.948	0.873	1.015	0.934	1.019	0.954	5.78#
53) T	t-1,3-Dichloro...	0.514	0.532	0.541	0.615	0.592	0.667	0.577	10.11
54) T	cis-1,3-Dichlo...	0.585	0.595	0.556	0.651	0.595	0.661	0.607	6.66
55) T	1,1,2-Trichlor...	0.430	0.399	0.370	0.429	0.386	0.418	0.406	6.03
56) T	Ethyl methacry...	0.424	0.460	0.519	0.602	0.583	0.652	0.540	16.29

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57)	T	1,3-Dichloropr...	0.618	0.618	0.597	0.681	0.627	0.669	0.635	5.16
58)	T	2-Chloroethyl ...	0.060	0.104	0.083	0.104	0.129	0.164	0.107	33.71
59)	T	2-Hexanone	0.301	0.309	0.332	0.369	0.355	0.386	0.342	9.82
60)	T	Dibromochlorom...	0.351	0.406	0.404	0.469	0.443	0.494	0.428	12.05
61)	T	1,2-Dibromoethane	0.395	0.372	0.368	0.419	0.398	0.435	0.398	6.51
62)	S	4-Bromofluorob...	0.488	0.374	0.331	0.380	0.399	0.394		14.73
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.423	0.416	0.327	0.397	0.342	0.336	0.373	11.60
65)	PM	Chlorobenzene	1.193	1.198	1.056	1.190	1.068	1.133	1.140	5.68
66)	T	1,1,1,2-Tetrac...	0.396	0.463	0.400	0.499	0.433	0.453	0.440	8.96
67)	C	Ethyl Benzene	1.940	2.008	1.858	2.150	1.968	2.114	2.006	5.46#
68)	T	m/p-Xylenes	0.676	0.742	0.697	0.805	0.731	0.810	0.743	7.37
69)	T	o-Xylene	0.690	0.722	0.681	0.785	0.715	0.813	0.735	7.23
70)	T	Styrene	0.924	1.105	1.073	1.291	1.203	1.413	1.168	14.76
71)	P	Bromoform	0.290	0.297	0.281	0.328	0.314	0.356	0.311	9.05
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.475	4.564	4.338	4.801	4.213	4.456	4.475	4.49
74)	T	N-amyl acetate	1.270	1.419	1.395	1.556	1.459	1.532	1.439	7.19
75)	P	1,1,2,2-Tetrac...	1.617	1.404	1.297	1.428	1.210	1.201	1.359	11.61
76)	T	1,2,3-Trichlor...	1.249	1.294	0.994	1.187	1.010	0.864	1.099	15.36
77)	T	Bromobenzene	1.092	1.075	0.942	1.054	0.930	0.981	1.012	6.94
78)	T	n-propylbenzene	4.885	5.220	4.826	5.479	4.842	5.094	5.058	5.12
79)	T	2-Chlorotoluene	2.895	3.022	2.789	3.177	2.749	2.896	2.921	5.39
80)	T	1,3,5-Trimethy...	3.253	3.620	3.405	3.951	3.452	3.638	3.553	6.80
81)	T	trans-1,4-Dich...		0.374	0.349	0.401	0.369	0.420	0.383	7.26
82)	T	4-Chlorotoluene	2.882	2.972	2.879	3.146	2.771	2.966	2.936	4.31
83)	T	tert-Butylbenzene	2.910	3.203	3.039	3.453	2.995	3.215	3.136	6.24
84)	T	1,2,4-Trimethy...	2.970	3.524	3.377	3.965	3.450	3.636	3.487	9.36
85)	T	sec-Butylbenzene	4.144	4.629	4.389	4.979	4.377	4.650	4.528	6.39
86)	T	p-Isopropyltol...	2.994	3.521	3.455	4.029	3.596	3.984	3.597	10.60
87)	T	1,3-Dichlorobe...	2.017	1.941	1.774	1.992	1.761	1.921	1.901	5.74
88)	T	1,4-Dichlorobe...	2.017	1.932	1.788	1.955	1.729	1.852	1.879	5.79
89)	T	n-Butylbenzene	2.951	3.093	3.064	3.431	3.120	3.417	3.179	6.24
90)	T	Hexachloroethane	0.787	0.749	0.692	0.779	0.671	0.712	0.732	6.50
91)	T	1,2-Dichlorobe...	1.907	1.853	1.739	1.955	1.685	1.766	1.818	5.75
92)	T	1,2-Dibromo-3-...	0.244	0.235	0.232	0.258	0.224	0.218	0.235	6.13
93)	T	1,2,4-Trichlor...	0.660	0.773	0.895	0.893	0.829	0.897	0.825	11.46
94)	T	Hexachlorobuta...	0.509	0.495	0.463	0.483	0.416	0.423	0.465	8.28
95)	T	Naphthalene	1.398	1.512	2.417	2.161	2.234	2.423	2.024	22.42
96)	T	1,2,3-Trichlor...	0.677	0.721	0.866	0.852	0.794	0.835	0.791	9.67

(#) = Out of Range