

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N040621W.M
 Title : SW846 8260
 Last Update : Tue Apr 06 15:38:34 2021
 Response Via : Initial Calibration

Calibration Files

1 =VN066490.D 5 =VN066491.D 20 =VN066492.D 50 =VN066486.D 100 =VN066487.D 150 =VN066488.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.513	0.577	0.539	0.570	0.601	0.589	0.565	5.83
3) P	Chloromethane	0.897	0.782	0.667	0.685	0.710	0.699	0.740	11.69
4) C	Vinyl Chloride	0.869	0.908	0.777	0.808	0.828	0.807	0.833	5.73#
5) T	Bromomethane		0.735	0.559	0.565	0.585	0.588	0.606	12.03
6) T	Chloroethane	0.544	0.584	0.511	0.542	0.555	0.535	0.545	4.45
7) T	Trichlorofluor...	1.120	1.179	1.021	1.082	1.113	1.053	1.095	5.06
8) T	Diethyl Ether	0.266	0.322	0.282	0.295	0.319	0.311	0.299	7.38
9) T	1,1,2-Trichlor...	0.428	0.508	0.458	0.468	0.478	0.455	0.466	5.73
10) T	Methyl Iodide		0.578	0.623	0.716	0.757	0.725	0.680	11.15
11) T	Tert butyl alc...		0.117	0.095	0.097	0.106	0.117	0.106	9.92
12) CM	1,1-Dichloroet...	0.480	0.490	0.431	0.452	0.473	0.462	0.465	4.61#
13) T	Acrolein		0.085	0.053	0.053	0.059	0.058	0.062	21.82
14) T	Allyl chloride	0.794	0.784	0.744	0.693	0.792	0.902	0.785	8.84
15) T	Acrylonitrile	0.286	0.284	0.280	0.294	0.323	0.340	0.301	8.22
16) T	Acetone	0.353	0.312	0.233	0.240	0.253	0.265	0.276	16.96
17) T	Carbon Disulfide	1.906	1.533	1.311	1.358	1.457	1.436	1.500	14.25
18) T	Methyl Acetate	0.808	0.719	0.603	0.619	0.688	0.705	0.690	10.80
19) T	Methyl tert-bu...	1.482	1.641	1.491	1.616	1.783	1.792	1.634	8.26
20) T	Methylene Chlo...	0.641	0.654	0.539	0.563	0.581	0.577	0.592	7.63
21) T	trans-1,2-Dich...	0.578	0.541	0.489	0.519	0.554	0.548	0.538	5.72
22) T	Diisopropyl ether	1.509	1.738	1.603	1.758	2.017	2.032	1.776	11.99
23) T	Vinyl Acetate	1.243	1.460	1.412	1.557	1.810	1.817	1.550	14.73
24) P	1,1-Dichloroet...	0.961	1.083	0.919	0.979	1.058	1.053	1.009	6.44
25) T	2-Butanone	0.394	0.405	0.371	0.401	0.447	0.466	0.414	8.53
26) T	2,2-Dichloropr...	0.825	0.894	0.804	0.841	0.904	0.892	0.860	4.89
27) T	cis-1,2-Dichlo...	0.622	0.625	0.553	0.604	0.650	0.648	0.617	5.82
28) T	Bromochloromet...	0.608	0.498	0.457	0.464	0.543	0.564	0.522	11.42
29) T	Tetrahydrofuran	0.261	0.259	0.246	0.272	0.312	0.318	0.278	10.77
30) C	Chloroform	0.979	1.039	0.938	0.999	1.086	1.060	1.017	5.41#
31) T	Cyclohexane		0.984	0.789	0.840	0.960	0.955	0.906	9.48
32) T	1,1,1-Trichlor...	0.796	0.937	0.818	0.873	0.944	0.911	0.880	7.03
33) S	1,2-Dichloroet...		0.701	0.578	0.614	0.685	0.715	0.658	9.06
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.361	0.303	0.335	0.347	0.358	0.341	6.83
36) T	1,1-Dichloropr...	0.457	0.488	0.421	0.492	0.529	0.527	0.486	8.53
37) T	Ethyl Acetate	0.634	0.578	0.540	0.579	0.635	0.642	0.601	6.87
38) T	Carbon Tetrach...	0.436	0.513	0.464	0.513	0.523	0.505	0.492	6.98
39) T	Methylcyclohexane	0.492	0.540	0.480	0.573	0.627	0.623	0.556	11.41
40) TM	Benzene	1.354	1.519	1.397	1.567	1.662	1.629	1.521	8.14
41) T	Methacrylonitrile	0.300	0.293	0.294	0.285	0.284	0.289	0.291	2.11
42) TM	1,2-Dichloroet...	0.495	0.552	0.492	0.533	0.564	0.555	0.532	5.92
43) T	Isopropyl Acetate	0.830	0.916	0.834	0.944	1.025	1.039	0.931	9.67
44) TM	Trichloroethene	0.395	0.411	0.352	0.402	0.399	0.392	0.392	5.28
45) C	1,2-Dichloropr...	0.373	0.409	0.361	0.414	0.439	0.436	0.405	7.91#
46) T	Dibromomethane	0.221	0.285	0.246	0.272	0.282	0.280	0.264	9.54
47) T	Bromodichlorom...	0.486	0.563	0.492	0.563	0.580	0.568	0.542	7.65
48) T	Methyl methacr...	0.377	0.354	0.349	0.429	0.472	0.499	0.413	15.35
49) T	1,4-Dioxane	0.004	0.006	0.005	0.006	0.006	0.007	0.006	14.75
50) S	Toluene-d8		1.280	1.117	1.272	1.367	1.438	1.295	9.29
51) T	4-Methyl-2-Pen...	0.420	0.515	0.507	0.591	0.647	0.639	0.553	15.92
52) CM	Toluene	0.757	0.880	0.849	0.981	1.038	1.028	0.922	12.11#
53) T	t-1,3-Dichloro...	0.438	0.546	0.500	0.597	0.650	0.659	0.565	15.40
54) T	cis-1,3-Dichlo...	0.553	0.580	0.561	0.641	0.684	0.701	0.620	10.38
55) T	1,1,2-Trichlor...	0.331	0.380	0.350	0.396	0.410	0.407	0.379	8.48
56) T	Ethyl methacry...	0.339	0.420	0.444	0.567	0.636	0.655	0.510	25.05

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57)	T	1,3-Dichloropr...	0.534	0.610	0.563	0.649	0.694	0.693	0.624	10.69
58)	T	2-Chloroethyl ...	0.034	0.055	0.056	0.076	0.093	0.111	0.071	39.76
59)	T	2-Hexanone	0.211	0.306	0.328	0.420	0.460	0.473	0.366	27.91
60)	T	Dibromochlorom...	0.355	0.419	0.374	0.451	0.460	0.458	0.420	10.81
61)	T	1,2-Dibromoethane	0.332	0.390	0.359	0.414	0.429	0.428	0.392	10.13
62)	S	4-Bromofluorob...	0.354	0.338	0.429	0.473	0.505	0.420		17.31
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.442	0.443	0.402	0.431	0.417	0.385	0.420	5.60
65)	PM	Chlorobenzene	1.037	1.002	0.954	1.079	1.106	1.075	1.042	5.41
66)	T	1,1,1,2-Tetrac...	0.352	0.406	0.368	0.411	0.422	0.411	0.395	7.11
67)	C	Ethyl Benzene	1.476	1.654	1.619	1.931	2.075	2.011	1.794	13.57#
68)	T	m/p-Xylenes	0.525	0.606	0.594	0.739	0.782	0.768	0.669	16.07
69)	T	o-Xylene	0.525	0.599	0.600	0.697	0.747	0.735	0.651	13.70
70)	T	Styrene	0.718	0.812	0.878	1.157	1.256	1.240	1.010	23.29
71)	P	Bromoform	0.239	0.322	0.287	0.344	0.364	0.357	0.319	15.07
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.133	3.549	3.435	3.795	4.020	3.848	3.630	8.87
74)	T	N-amyl acetate	0.030	0.287	1.022	1.431	1.535	0.861		78.44
75)	P	1,1,2,2-Tetrac...	1.585	1.480	1.252	1.253	1.297	1.247	1.352	10.69
76)	T	1,2,3-Trichlor...	1.051	1.063	1.108	1.171	1.213	1.161	1.128	5.69
77)	T	Bromobenzene	1.035	0.938	0.866	0.955	1.013	0.965	0.962	6.20
78)	T	n-propylbenzene	3.398	3.831	3.734	4.347	4.679	4.420	4.068	12.00
79)	T	2-Chlorotoluene	2.118	2.598	2.320	2.535	2.689	2.566	2.471	8.58
80)	T	1,3,5-Trimethy...	2.659	2.854	2.818	3.166	3.338	3.216	3.008	8.90
81)	T	trans-1,4-Dich...	0.257	0.248	0.388	0.425	0.429	0.349		25.65
82)	T	4-Chlorotoluene	2.204	2.170	2.231	2.579	2.774	2.684	2.440	11.03
83)	T	tert-Butylbenzene	3.252	2.516	2.334	2.651	2.833	2.737	2.721	11.52
84)	T	1,2,4-Trimethy...	2.519	2.757	2.626	3.062	3.283	3.224	2.912	11.04
85)	T	sec-Butylbenzene	3.145	3.190	3.055	3.529	3.803	3.674	3.399	9.13
86)	T	p-Isopropyltol...	2.445	2.572	2.647	3.115	3.393	3.334	2.918	14.17
87)	T	1,3-Dichlorobe...	1.778	1.616	1.480	1.617	1.728	1.684	1.650	6.33
88)	T	1,4-Dichlorobe...	2.512	1.506	1.465	1.648	1.743	1.703	1.763	21.72
89)	T	n-Butylbenzene	3.185	2.137	2.101	2.527	2.882	2.903	2.622	16.88
90)	T	Hexachloroethane	0.670	0.636	0.538	0.578	0.627	0.608	0.609	7.60
91)	T	1,2-Dichlorobe...	1.644	1.728	1.473	1.613	1.689	1.644	1.632	5.36
92)	T	1,2-Dibromo-3-...	0.643	0.310	0.218	0.246	0.256	0.256	0.322	49.81
93)	T	1,2,4-Trichlor...	1.967	0.961	0.800	0.935	1.042	1.056	1.127	37.42
94)	T	Hexachlorobuta...	0.713	0.612	0.490	0.524	0.540	0.528	0.568	14.41
95)	T	Naphthalene	1.059	0.311	0.223	0.262	0.298	0.305	0.410	E1 78.05
96)	T	1,2,3-Trichlor...	2.408	1.009	0.810	0.903	1.021	1.015	1.194	50.27

(#) = Out of Range