

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N041521W.M
 Title : SW846 8260
 Last Update : Thu Apr 15 19:16:35 2021
 Response Via : Initial Calibration

Calibration Files

1 =VN066603.D 5 =VN066604.D 10 =VN066611.D 20 =VN066606.D 40 =VN066607.D 50 =VN066608.D

Compound		1	5	10	20	40	50	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.610	0.629	0.633	0.606	0.591	0.574	0.607	3.70
3) P	Chloromethane	1.018	0.940	0.902	0.855	0.829	0.769	0.886	9.89
4) C	Vinyl Chloride	0.826	0.800	0.795	0.758	0.744	0.704	0.771	5.75#
5) T	Bromomethane		0.485	0.484	0.502	0.482	0.447	0.480	4.15
6) T	Chloroethane	0.525	0.486	0.468	0.444	0.438	0.413	0.462	8.58
7) T	Trichlorofluor...	1.032	0.948	0.868	0.858	0.855	0.798	0.893	9.30
8) T	Diethyl Ether	0.392	0.372	0.370	0.357	0.364	0.337	0.365	4.92
9) T	1,1,2-Trichlor...	0.577	0.568	0.538	0.505	0.502	0.477	0.528	7.54
10) T	Methyl Iodide		0.719	0.743	0.743	0.753	0.706	0.733	2.67
11) T	Tert butyl alc...		0.132	0.124	0.122	0.111	0.116	0.121	6.79
12) CM	1,1-Dichloroet...	0.523	0.547	0.526	0.511	0.510	0.483	0.517	4.11#
13) T	Acrolein		0.067	0.063	0.065	0.062	0.065	0.065	3.16
14) T	Allyl chloride	0.241	0.235	0.222	0.216	0.216	0.206	0.223	5.89
15) T	Acrylonitrile	0.309	0.351	0.343	0.342	0.331	0.324	0.333	4.57
16) T	Acetone	0.518	0.337	0.334	0.289	0.270	0.269	0.336	27.94
17) T	Carbon Disulfide	2.238	1.755	1.714	1.615	1.606	1.523	1.742	14.74
18) T	Methyl Acetate	0.857	0.845	0.827	0.819	0.774	0.754	0.812	5.00
19) T	Methyl tert-bu...	1.785	1.868	1.868	1.823	1.857	1.778	1.830	2.23
20) T	Methylene Chlo...	0.875	0.757	0.715	0.661	0.653	0.615	0.713	13.16
21) T	trans-1,2-Dich...	0.623	0.606	0.587	0.561	0.574	0.540	0.582	5.19
22) T	Diisopropyl ether	2.070	2.295	2.282	2.208	2.255	2.147	2.209	3.95
23) T	Vinyl Acetate	1.707	1.894	1.861	1.876	1.903	1.831	1.845	3.92
24) P	1,1-Dichloroet...	1.301	1.283	1.211	1.165	1.169	1.091	1.203	6.58
25) T	2-Butanone	0.449	0.461	0.455	0.447	0.428	0.428	0.445	3.07
26) T	2,2-Dichloropr...	1.080	1.002	0.970	0.919	0.908	0.844	0.954	8.62
27) T	cis-1,2-Dichlo...	0.694	0.702	0.685	0.657	0.667	0.640	0.674	3.49
28) T	Bromochloromet...	0.689	0.624	0.680	0.567	0.595	0.589	0.624	8.10
29) T	Tetrahydrofuran	0.274	0.313	0.308	0.311	0.299	0.292	0.299	4.95
30) C	Chloroform	1.181	1.221	1.133	1.099	1.113	1.043	1.132	5.53#
31) T	Cyclohexane		1.239	1.111	1.045	1.038	0.990	1.085	8.89
32) T	1,1,1-Trichlor...	0.990	0.997	0.930	0.912	0.919	0.861	0.935	5.51
33) S	1,2-Dichloroet...		0.785	0.776	0.759	0.734	0.717	0.754	3.75
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.343	0.362	0.343	0.346	0.339	0.347	2.51
36) T	1,1-Dichloropr...	0.555	0.508	0.498	0.487	0.499	0.477	0.504	5.36
37) T	Ethyl Acetate	0.500	0.570	0.621	0.603	0.566	0.569	0.571	7.25
38) T	Carbon Tetrach...	0.506	0.483	0.477	0.455	0.470	0.441	0.472	4.81
39) T	Methylcyclohexane	0.594	0.555	0.597	0.550	0.579	0.569	0.574	3.41
40) TM	Benzene	1.686	1.648	1.661	1.575	1.600	1.516	1.614	3.89
41) T	Methacrylonitrile	0.247	0.310	0.231	0.303	0.215	0.263	0.262	14.62
42) TM	1,2-Dichloroet...	0.581	0.587	0.565	0.538	0.541	0.513	0.554	5.13
43) T	Isopropyl Acetate	0.946	0.993	0.977	0.944	0.942	0.924	0.955	2.68
44) TM	Trichloroethene	0.395	0.389	0.382	0.356	0.365	0.351	0.373	4.88
45) C	1,2-Dichloropr...	0.466	0.473	0.454	0.434	0.448	0.421	0.449	4.33#
46) T	Dibromomethane	0.285	0.281	0.275	0.261	0.264	0.251	0.270	4.86
47) T	Bromodichlorom...	0.557	0.577	0.564	0.548	0.550	0.525	0.553	3.18
48) T	Methyl methacr...	0.419	0.396	0.439	0.440	0.442	0.440	0.429	4.32
49) T	1,4-Dioxane	0.007	0.018	0.007	0.007	0.007	0.008	0.009	52.13
50) S	Toluene-d8		1.319	1.432	1.354	1.353	1.338	1.359	3.19
51) T	4-Methyl-2-Pen...	0.483	0.579	0.576	0.583	0.575	0.574	0.562	6.87
52) CM	Toluene	0.877	0.985	0.987	0.950	0.972	0.936	0.951	4.36#
53) T	t-1,3-Dichloro...	0.565	0.601	0.613	0.596	0.612	0.598	0.598	2.93
54) T	cis-1,3-Dichlo...	0.642	0.679	0.676	0.648	0.670	0.636	0.658	2.87
55) T	1,1,2-Trichlor...	0.402	0.416	0.392	0.385	0.387	0.374	0.393	3.72
56) T	Ethyl methacry...	0.364	0.491	0.527	0.540	0.580	0.581	0.514	15.72

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57)	T	1,3-Dichloropr...	0.657	0.686	0.664	0.645	0.664	0.636	0.659	2.61
58)	T	2-Chloroethyl ...	0.053	0.088	0.077	0.090	0.089	0.097	0.082	18.83
59)	T	2-Hexanone	0.221	0.324	0.358	0.384	0.392	0.405	0.347	19.68
60)	T	Dibromochlorom...	0.411	0.417	0.407	0.402	0.416	0.407	0.410	1.37
61)	T	1,2-Dibromoethane	0.358	0.399	0.396	0.384	0.396	0.385	0.386	3.97
62)	S	4-Bromofluorob...	0.417	0.483	0.474	0.507	0.508	0.478		7.83
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.373	0.347	0.365	0.336	0.343	0.324	0.348	5.20
65)	PM	Chlorobenzene	1.154	1.115	1.108	1.050	1.071	1.030	1.088	4.22
66)	T	1,1,1,2-Tetrac...	0.385	0.409	0.409	0.388	0.397	0.379	0.395	3.15
67)	C	Ethyl Benzene	1.822	1.867	1.936	1.869	1.965	1.899	1.893	2.74#
68)	T	m/p-Xylenes	0.601	0.666	0.725	0.698	0.736	0.720	0.691	7.33
69)	T	o-Xylene	0.558	0.666	0.705	0.687	0.727	0.702	0.674	8.95
70)	T	Styrene	0.796	0.966	1.072	1.087	1.208	1.174	1.051	14.33
71)	P	Bromoform	0.214	0.308	0.310	0.311	0.326	0.318	0.298	13.92
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.355	3.834	4.129	3.907	3.871	3.752	3.808	6.71
74)	T	N-amyl acetate			0.205	0.647	1.031	1.177	0.765	56.87
75)	P	1,1,2,2-Tetrac...	1.397	1.524	1.500	1.435	1.347	1.300	1.417	6.13
76)	T	1,2,3-Trichlor...	1.140	1.121	1.253	1.166	1.197	1.138	1.169	4.20
77)	T	Bromobenzene	0.774	0.962	1.039	0.964	0.968	0.930	0.940	9.43
78)	T	n-propylbenzene	3.847	4.367	4.809	4.435	4.551	4.406	4.402	7.17
79)	T	2-Chlorotoluene	2.129	2.961	2.960	2.766	2.712	2.624	2.692	11.40
80)	T	1,3,5-Trimethy...	2.787	3.185	3.481	3.319	3.319	3.188	3.213	7.33
81)	T	trans-1,4-Dich...		0.238	0.322	0.346	0.350	0.385	0.328	16.80
82)	T	4-Chlorotoluene	2.170	2.708	2.814	2.715	2.767	2.720	2.649	8.99
83)	T	tert-Butylbenzene	2.340	2.778	2.952	2.716	2.783	2.652	2.704	7.55
84)	T	1,2,4-Trimethy...	2.585	2.962	3.279	3.101	3.197	3.076	3.033	8.07
85)	T	sec-Butylbenzene	3.425	3.628	3.831	3.647	3.749	3.643	3.654	3.75
86)	T	p-Isopropyltol...	2.462	2.839	3.238	3.092	3.202	3.155	2.998	9.96
87)	T	1,3-Dichlorobe...	1.663	1.676	1.749	1.625	1.655	1.598	1.661	3.10
88)	T	1,4-Dichlorobe...	2.389	1.776	1.823	1.620	1.712	1.631	1.825	15.74
89)	T	n-Butylbenzene	2.185	2.414	2.612	2.467	2.674	2.706	2.510	7.81
90)	T	Hexachloroethane	0.728	0.697	0.674	0.636	0.635	0.608	0.663	6.73
91)	T	1,2-Dichlorobe...	1.570	1.735	1.768	1.628	1.620	1.560	1.647	5.22
92)	T	1,2-Dibromo-3-...	0.275	0.251	0.237	0.234	0.223	0.224	0.241	8.23
93)	T	1,2,4-Trichlor...	1.041	0.844	1.000	0.865	0.916	0.896	0.927	8.38
94)	T	Hexachlorobuta...	0.624	0.548	0.556	0.484	0.474	0.459	0.524	12.01
95)	T	Naphthalene	2.798	2.329	2.996	2.346	2.396	2.449	2.552	10.87
96)	T	1,2,3-Trichlor...	1.078	0.965	1.051	0.873	0.874	0.876	0.953	9.84

(#) = Out of Range