

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N092321W.M
 Title : SW846 8260
 Last Update : Thu Sep 23 13:52:37 2021
 Response Via : Initial Calibration

Calibration Files

1 =VN068612.D 5 =VN068619.D 20 =VN068614.D 50 =VN068615.D 100 =VN068616.D 150 =VN068617.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.548	0.481	0.591	0.538	0.512	0.537	0.535	6.87
3) P	Chloromethane	0.994	0.855	1.021	0.859	0.780	0.780	0.882	11.77
4) C	Vinyl Chloride	0.982	0.788	0.945	0.820	0.815	0.785	0.856	9.99#
5) T	Bromomethane		0.439	0.468	0.388	0.327	0.301	0.385	18.58
6) T	Chloroethane	0.660	0.398	0.524	0.463	0.452	0.419	0.486	19.65
7) T	Trichlorofluor...	1.036	0.969	1.130	0.988	0.930	0.923	0.996	7.80
8) T	Diethyl Ether	0.329	0.365	0.386	0.352	0.330	0.338	0.350	6.33
9) T	1,1,2-Trichlor...	0.558	0.556	0.576	0.525	0.490	0.490	0.532	6.88
10) T	Methyl Iodide		0.673	0.601	0.630	0.634	0.661	0.640	4.42
11) T	Tert butyl alc...		0.133	0.122	0.116	0.114	0.116	0.120	6.42
12) CM	1,1-Dichloroet...	0.516	0.513	0.545	0.504	0.475	0.481	0.506	5.04#
13) T	Acrolein		0.054	0.038	0.034	0.037	0.039	0.040	19.63
14) T	Allyl chloride	0.997	1.049	1.127	1.063	1.030	1.033	1.050	4.20
15) T	Acrylonitrile	0.282	0.330	0.349	0.331	0.326	0.326	0.324	6.91
16) T	Acetone	0.422	0.328	0.331	0.295	0.276	0.273	0.321	17.32
17) T	Carbon Disulfide	1.542	1.522	1.571	1.497	1.424	1.442	1.499	3.83
18) T	Methyl Acetate	1.345	1.161	1.191	1.100	1.049	1.043	1.148	9.86
19) T	Methyl tert-bu...	1.804	1.842	2.021	1.941	1.912	1.866	1.898	4.10
20) T	Methylene Chlo...	0.987	0.676	0.665	0.615	0.577	0.574	0.682	22.77
21) T	trans-1,2-Dich...	0.552	0.549	0.574	0.556	0.534	0.534	0.550	2.74
22) T	Diisopropyl ether	1.950	2.121	2.241	2.262	2.237	2.166	2.163	5.41
23) T	Vinyl Acetate	1.501	1.626	1.776	1.781	1.786	1.744	1.702	6.79
24) P	1,1-Dichloroet...	1.155	1.117	1.182	1.104	1.093	1.078	1.121	3.52
25) T	2-Butanone	0.468	0.474	0.483	0.479	0.481	0.470	0.476	1.30
26) T	2,2-Dichloropr...	1.129	0.942	0.951	0.919	0.913	0.887	0.957	9.11
27) T	cis-1,2-Dichlo...	0.662	0.631	0.656	0.645	0.654	0.641	0.648	1.74
28) T	Bromochloromet...	0.519	0.533	0.487	0.488	0.492	0.479	0.500	4.27
29) T	Tetrahydrofuran	0.273	0.277	0.317	0.317	0.321	0.311	0.302	7.16
30) C	Chloroform	1.196	1.098	1.171	1.138	1.128	1.090	1.137	3.62#
31) T	Cyclohexane		1.226	1.099	1.064	1.061	1.026	1.095	7.07
32) T	1,1,1-Trichlor...	0.990	0.936	1.050	1.008	1.006	0.982	0.995	3.74
33) S	1,2-Dichloroet...		1.110	0.750	0.780	0.778	0.765	0.837	18.29
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.467	0.316	0.333	0.336	0.330	0.356	17.42
36) T	1,1-Dichloropr...	0.523	0.479	0.523	0.509	0.504	0.492	0.505	3.44
37) T	Ethyl Acetate	0.594	0.503	0.615	0.581	0.583	0.563	0.573	6.71
38) T	Carbon Tetrach...	0.556	0.476	0.546	0.526	0.522	0.504	0.522	5.55
39) T	Methylcyclohexane	0.583	0.540	0.592	0.607	0.620	0.608	0.592	4.78
40) TM	Benzene	1.513	1.406	1.508	1.499	1.500	1.466	1.482	2.74
41) T	Methacrylonitrile	0.369	0.259	0.293	0.295	0.306	0.297	0.303	11.84
42) TM	1,2-Dichloroet...	0.618	0.558	0.607	0.571	0.561	0.545	0.577	5.08
43) T	Isopropyl Acetate	1.065	0.900	0.983	0.984	0.985	0.967	0.981	5.34
44) TM	Trichloroethene	0.364	0.338	0.359	0.360	0.365	0.357	0.357	2.76
45) C	1,2-Dichloropr...	0.371	0.374	0.398	0.403	0.401	0.394	0.390	3.53#
46) T	Dibromomethane	0.259	0.241	0.265	0.265	0.262	0.256	0.258	3.55
47) T	Bromodichlorom...	0.543	0.491	0.549	0.548	0.548	0.532	0.535	4.24
48) T	Methyl methacr...	0.401	0.392	0.434	0.484	0.496	0.481	0.448	10.15
49) T	1,4-Dioxane	0.006	0.006	0.007	0.007	0.007	0.007	0.007	6.00
50) S	Toluene-d8		1.778	1.216	1.372	1.380	1.344	1.418	14.95
51) T	4-Methyl-2-Pen...	0.532	0.531	0.615	0.630	0.639	0.613	0.593	8.24
52) CM	Toluene	0.915	0.855	0.956	0.980	0.985	0.944	0.939	5.18#
53) T	t-1,3-Dichloro...	0.546	0.513	0.593	0.621	0.640	0.628	0.590	8.61
54) T	cis-1,3-Dichlo...	0.582	0.552	0.622	0.640	0.655	0.648	0.617	6.64
55) T	1,1,2-Trichlor...	0.368	0.331	0.369	0.376	0.378	0.364	0.364	4.72
56) T	Ethyl methacry...	0.434	0.511	0.606	0.651	0.673	0.650	0.588	16.15

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57)	T	1,3-Dichloropr...	0.631	0.569	0.640	0.664	0.666	0.645	0.636	5.54
58)	T	2-Chloroethyl ...	0.116	0.134	0.145	0.163	0.180	0.180	0.153	16.93
59)	T	2-Hexanone	0.380	0.385	0.450	0.454	0.458	0.432	0.427	8.24
60)	T	Dibromochlorom...	0.363	0.330	0.410	0.417	0.428	0.412	0.393	9.74
61)	T	1,2-Dibromoethane	0.328	0.335	0.389	0.394	0.400	0.388	0.372	8.58
62)	S	4-Bromofluorob...	0.521	0.421	0.472	0.514	0.497	0.485		8.32
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.350	0.335	0.324	0.329	0.321	0.311	0.328	4.04
65)	PM	Chlorobenzene	1.088	1.037	1.063	1.062	1.054	1.034	1.056	1.89
66)	T	1,1,1,2-Tetrac...	0.373	0.363	0.398	0.401	0.393	0.385	0.386	3.95
67)	C	Ethyl Benzene	1.890	1.844	1.945	1.981	1.975	1.912	1.924	2.74#
68)	T	m/p-Xylenes	0.651	0.669	0.731	0.733	0.738	0.717	0.706	5.25
69)	T	o-Xylene	0.624	0.661	0.711	0.718	0.734	0.716	0.694	6.12
70)	T	Styrene	0.937	1.017	1.149	1.174	1.225	1.195	1.116	10.16
71)	P	Bromoform	0.261	0.267	0.304	0.299	0.310	0.303	0.291	7.27
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.376	4.659	4.527	4.576	4.407	4.355	4.483	2.73
74)	T	N-amyl acetate	1.736	1.968	1.859	2.002	1.978	1.937	1.914	5.22
75)	P	1,1,2,2-Tetrac...	1.563	1.521	1.421	1.383	1.295	1.247	1.405	8.79
76)	T	1,2,3-Trichlor...	1.383	1.325	1.321	1.264	1.042	1.083	1.236	11.36
77)	T	Bromobenzene	1.084	1.079	1.021	1.013	0.986	0.984	1.028	4.27
78)	T	n-propylbenzene	4.800	5.140	5.200	5.226	5.120	5.060	5.091	3.04
79)	T	2-Chlorotoluene	2.997	3.209	3.156	3.098	3.014	2.981	3.076	3.04
80)	T	1,3,5-Trimethy...	3.141	3.657	3.702	3.653	3.527	3.444	3.521	5.95
81)	T	trans-1,4-Dich...	0.392	0.419	0.460	0.459	0.459	0.438		7.04
82)	T	4-Chlorotoluene	2.917	3.070	2.991	3.019	2.989	2.948	2.989	1.79
83)	T	tert-Butylbenzene	3.128	3.256	3.281	3.235	3.167	3.120	3.198	2.14
84)	T	1,2,4-Trimethy...	3.051	3.576	3.533	3.545	3.473	3.415	3.432	5.69
85)	T	sec-Butylbenzene	3.933	4.370	4.483	4.473	4.448	4.396	4.351	4.81
86)	T	p-Isopropyltol...	2.933	3.434	3.587	3.660	3.684	3.604	3.484	8.14
87)	T	1,3-Dichlorobe...	1.717	1.836	1.690	1.757	1.750	1.716	1.744	2.94
88)	T	1,4-Dichlorobe...	1.998	1.892	1.692	1.715	1.678	1.653	1.771	7.92
89)	T	n-Butylbenzene	2.934	2.981	2.893	3.072	3.146	3.110	3.022	3.36
90)	T	Hexachloroethane	0.647	0.719	0.701	0.690	0.679	0.687	0.687	3.52
91)	T	1,2-Dichlorobe...	1.829	1.788	1.681	1.659	1.612	1.581	1.692	5.79
92)	T	1,2-Dibromo-3-...	0.269	0.279	0.262	0.257	0.247	0.249	0.260	4.75
93)	T	1,2,4-Trichlor...	0.759	0.944	0.767	0.832	0.863	0.870	0.839	8.29
94)	T	Hexachlorobuta...	0.524	0.479	0.451	0.426	0.416	0.411	0.451	9.69
95)	T	Naphthalene	1.642	3.063	2.012	2.300	2.407	2.494	2.320	20.64
96)	T	1,2,3-Trichlor...	0.725	0.975	0.762	0.808	0.818	0.832	0.820	10.44

(#) = Out of Range