

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N032521W.M
 Title : SW846 8260
 Last Update : Fri Mar 26 16:26:01 2021
 Response Via : Initial Calibration

Calibration Files

1 =VN066330.D 5 =VN066331.D 20 =VN066332.D 50 =VN066333.D 100 =VN066334.D 150 =VN066335.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.636	0.598	0.665	0.639	0.613	0.629	0.630	3.68
3) P	Chloromethane	0.989	0.736	0.733	0.668	0.650	0.659	0.739	17.30
4) C	Vinyl Chloride	0.789	0.685	0.754	0.717	0.688	0.691	0.721	5.89#
5) T	Bromomethane		0.519	0.505	0.490	0.482	0.422	0.483	7.73
6) T	Chloroethane	0.511	0.431	0.456	0.445	0.423	0.429	0.449	7.22
7) T	Trichlorofluor...	1.007	0.945	1.042	0.999	0.968	0.986	0.991	3.35
8) T	Diethyl Ether	0.471	0.394	0.409	0.391	0.377	0.381	0.404	8.56
9) T	1,1,2-Trichlor...	0.587	0.533	0.583	0.561	0.546	0.548	0.560	3.85
10) T	Methyl Iodide		0.719	0.838	0.828	0.789	0.796	0.794	5.87
11) T	Tert butyl alc...		0.095	0.117	0.109	0.097	0.088	0.101	11.58
12) CM	1,1-Dichloroet...	0.623	0.570	0.576	0.568	0.549	0.552	0.573	4.67#
13) T	Acrolein		0.120	0.059	0.055	0.048	0.047	0.066	46.76
14) T	Allyl chloride	1.183	1.046	1.180	1.175	1.098	1.116	1.133	4.93
15) T	Acrylonitrile	0.302	0.258	0.303	0.292	0.271	0.270	0.283	6.66
16) T	Acetone	0.409	0.334	0.407	0.354	0.345	0.306	0.359	11.46
17) T	Carbon Disulfide	1.938	1.588	1.723	1.666	1.618	1.619	1.692	7.65
18) T	Methyl Acetate	0.997	0.910	0.996	0.964	0.880	0.881	0.938	5.82
19) T	Methyl tert-bu...	1.912	1.607	1.716	1.679	1.627	1.652	1.699	6.55
20) T	Methylene Chlo...	0.934	0.644	0.684	0.655	0.615	0.617	0.692	17.59
21) T	trans-1,2-Dich...	0.614	0.468	0.523	0.508	0.493	0.511	0.520	9.64
22) T	Diisopropyl ether	1.902	1.634	1.776	1.758	1.732	1.806	1.768	4.98
23) T	Vinyl Acetate	1.519	1.397	1.566	1.548	1.506	1.496	1.505	3.93
24) P	1,1-Dichloroet...	1.082	0.932	1.002	0.971	0.935	0.937	0.976	5.98
25) T	2-Butanone	0.405	0.352	0.429	0.407	0.387	0.376	0.393	6.89
26) T	2,2-Dichloropr...	0.952	0.812	0.902	0.869	0.839	0.847	0.870	5.77
27) T	cis-1,2-Dichlo...	0.700	0.549	0.617	0.597	0.582	0.593	0.606	8.41
28) T	Bromochloromet...	0.500	0.491	0.506	0.491	0.478	0.487	0.492	1.98
29) T	Tetrahydrofuran	0.255	0.229	0.270	0.270	0.256	0.257	0.256	5.82
30) C	Chloroform	1.052	0.918	0.996	0.973	0.949	0.966	0.976	4.66#
31) T	Cyclohexane		1.034	0.938	0.887	0.862	0.878	0.920	7.61
32) T	1,1,1-Trichlor...	0.876	0.825	0.892	0.862	0.837	0.850	0.857	2.90
33) S	1,2-Dichloroet...		0.682	0.667	0.670	0.648	0.656	0.665	1.99
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.330	0.330	0.332	0.332	0.333	0.331	0.46
36) T	1,1-Dichloropr...	0.513	0.434	0.466	0.465	0.465	0.475	0.470	5.44
37) T	Ethyl Acetate	0.532	0.459	0.554	0.534	0.513	0.511	0.517	6.29
38) T	Carbon Tetrach...	0.509	0.446	0.466	0.472	0.467	0.473	0.472	4.34
39) T	Methylcyclohexane	0.601	0.509	0.581	0.576	0.581	0.588	0.573	5.62
40) TM	Benzene	1.512	1.297	1.448	1.422	1.413	1.420	1.419	4.91
41) T	Methacrylonitrile	0.303	0.242	0.237	0.244	0.250	0.263	0.257	9.59
42) TM	1,2-Dichloroet...	0.552	0.465	0.518	0.507	0.502	0.506	0.508	5.48
43) T	Isopropyl Acetate	0.905	0.797	0.914	0.902	0.892	0.893	0.884	4.91
44) TM	Trichloroethene	0.399	0.344	0.387	0.369	0.367	0.373	0.373	5.07
45) C	1,2-Dichloropr...	0.410	0.346	0.392	0.376	0.369	0.374	0.378	5.74#
46) T	Dibromomethane	0.252	0.226	0.255	0.251	0.248	0.254	0.248	4.41
47) T	Bromodichlorom...	0.531	0.473	0.524	0.514	0.506	0.521	0.512	4.05
48) T	Methyl methacr...	0.438	0.368	0.431	0.429	0.424	0.433	0.420	6.25
49) T	1,4-Dioxane	0.006	0.005	0.006	0.005	0.005	0.005	0.005	10.50
50) S	Toluene-d8		1.205	1.252	1.266	1.280	1.284	1.257	2.55
51) T	4-Methyl-2-Pen...	0.526	0.461	0.549	0.543	0.518	0.501	0.516	6.26
52) CM	Toluene	0.872	0.772	0.890	0.882	0.894	0.915	0.871	5.77#
53) T	t-1,3-Dichloro...	0.556	0.483	0.569	0.564	0.573	0.591	0.556	6.80
54) T	cis-1,3-Dichlo...	0.620	0.521	0.612	0.608	0.601	0.618	0.597	6.33
55) T	1,1,2-Trichlor...	0.364	0.315	0.358	0.355	0.351	0.357	0.350	5.05
56) T	Ethyl methacry...	0.528	0.459	0.549	0.558	0.556	0.572	0.537	7.60

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57)	T	1,3-Dichloropr...	0.599	0.522	0.599	0.589	0.585	0.592	0.581	5.07
58)	T	2-Chloroethyl ...	0.035	0.036	0.042	0.051	0.060	0.066	0.048	26.36
59)	T	2-Hexanone	0.309	0.307	0.403	0.395	0.387	0.369	0.362	11.93
60)	T	Dibromochlorom...	0.362	0.343	0.401	0.404	0.405	0.418	0.389	7.52
61)	T	1,2-Dibromoethane	0.378	0.319	0.377	0.373	0.368	0.375	0.365	6.20
62)	S	4-Bromofluorob...		0.382	0.448	0.448	0.447	0.458	0.437	7.11
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.503	0.401	0.426	0.422	0.404	0.397	0.426	9.37
65)	PM	Chlorobenzene	1.025	0.896	1.040	1.014	0.999	1.007	0.997	5.17
66)	T	1,1,1,2-Tetrac...	0.379	0.361	0.389	0.394	0.388	0.392	0.384	3.20
67)	C	Ethyl Benzene	1.830	1.630	1.857	1.857	1.841	1.842	1.809	4.90#
68)	T	m/p-Xylenes	0.681	0.616	0.711	0.705	0.700	0.712	0.688	5.33
69)	T	o-Xylene	0.688	0.576	0.686	0.679	0.667	0.686	0.663	6.58
70)	T	Styrene	0.970	0.909	1.137	1.144	1.124	1.170	1.076	10.06
71)	P	Bromoform	0.287	0.274	0.338	0.340	0.335	0.340	0.319	9.43
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.328	3.536	3.750	3.645	3.441	3.614	3.719	8.49
74)	T	N-amyl acetate		0.706	1.350	1.455	1.481	1.543	1.307	26.25
75)	P	1,1,2,2-Tetrac...	1.408	1.204	1.221	1.138	1.063	1.073	1.184	10.75
76)	T	1,2,3-Trichlor...	1.301	1.087	1.131	1.069	0.986	1.009	1.097	10.29
77)	T	Bromobenzene	1.098	0.883	0.984	0.911	0.850	0.910	0.939	9.54
78)	T	n-propylbenzene	4.389	3.642	4.164	4.102	3.915	4.050	4.044	6.21
79)	T	2-Chlorotoluene	2.999	2.304	2.533	2.413	2.281	2.391	2.487	10.71
80)	T	1,3,5-Trimethy...	3.461	2.804	3.078	3.032	2.873	3.004	3.042	7.55
81)	T	trans-1,4-Dich...		0.284	0.372	0.386	0.378	0.404	0.365	12.85
82)	T	4-Chlorotoluene	2.743	2.130	2.535	2.508	2.395	2.538	2.475	8.21
83)	T	tert-Butylbenzene	3.093	2.423	2.651	2.556	2.432	2.555	2.619	9.47
84)	T	1,2,4-Trimethy...	3.351	2.604	2.974	2.961	2.864	2.980	2.956	8.14
85)	T	sec-Butylbenzene	3.658	3.029	3.495	3.458	3.291	3.426	3.393	6.30
86)	T	p-Isopropyltol...	3.263	2.653	3.041	3.123	3.004	3.147	3.039	6.89
87)	T	1,3-Dichlorobe...	1.756	1.393	1.587	1.586	1.531	1.602	1.576	7.44
88)	T	1,4-Dichlorobe...	1.972	1.477	1.593	1.629	1.541	1.606	1.636	10.58
89)	T	n-Butylbenzene	2.420	2.147	2.434	2.617	2.655	2.789	2.510	9.00
90)	T	Hexachloroethane	0.647	0.457	0.556	0.543	0.526	0.560	0.548	11.16
91)	T	1,2-Dichlorobe...	1.757	1.422	1.548	1.563	1.505	1.502	1.549	7.27
92)	T	1,2-Dibromo-3-...	0.262	0.193	0.216	0.236	0.228	0.227	0.227	10.01
93)	T	1,2,4-Trichlor...	1.092	0.820	0.880	0.971	0.987	1.014	0.961	10.11
94)	T	Hexachlorobuta...	0.652	0.465	0.497	0.517	0.506	0.507	0.524	12.44
95)	T	Naphthalene	3.882	2.492	2.603	2.762	2.780	2.873	2.899	17.27
96)	T	1,2,3-Trichlor...	1.197	0.839	0.887	0.932	0.951	0.988	0.966	12.90

(#) = Out of Range