

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N021323W.M
 Title : SW846 8260
 Last Update : Tue Feb 14 01:44:47 2023
 Response Via : Initial Calibration

Calibration Files

5 =VN076621.D 10 =VN076622.D 20 =VN076623.D 50 =VN076624.D 75 =VN076625.D 1 =VN076620.D

	Compound	5	10	20	50	75	1	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.419	0.582	0.583	0.547	0.555	0.499	0.531	11.80
3) P	Chloromethane	0.622	0.712	0.699	0.615	0.618	0.890	0.693	15.24
4) C	Vinyl Chloride	0.635	0.713	0.686	0.651	0.640	0.765	0.682	7.42#
5) T	Bromomethane	0.520	0.437	0.398	0.354	0.357		0.413	16.65
6) T	Chloroethane	0.479	0.465	0.467	0.423	0.407	0.344	0.431	11.82
7) T	Trichlorofluor...	0.962	0.926	0.917	0.867	0.876	1.017	0.928	6.01
8) T	Diethyl Ether	0.364	0.335	0.350	0.352	0.351	0.392	0.357	5.39
9) T	1,1,2-Trichlor...	0.559	0.540	0.552	0.499	0.502	0.617	0.545	7.98
10) T	Methyl Iodide	0.535	0.602	0.695	0.750	0.784		0.673	15.37
11) T	Tert butyl alc...	0.094	0.091	0.092	0.087	0.091		0.091	2.60
12) CM	1,1-Dichloroet...	0.523	0.502	0.495	0.481	0.503	0.592	0.516	7.68#
13) T	Acrolein	0.157	0.124	0.138	0.132	0.133		0.137	9.14
14) T	Allyl chloride	0.928	0.848	0.871	0.856	0.880	0.983	0.894	5.75
15) T	Acrylonitrile	0.323	0.327	0.324	0.313	0.316	0.337	0.323	2.67
16) T	Acetone	0.320	0.309	0.288	0.265	0.257	0.411	0.308	18.20
17) T	Carbon Disulfide	1.273	1.360	1.377	1.295	1.345	1.527	1.363	6.57
18) T	Methyl Acetate	0.937	1.019	0.985	0.964	0.996	1.138	1.007	6.98
19) T	Methyl tert-bu...	1.769	1.663	1.768	1.736	1.789	1.714	1.740	2.66
20) T	Methylene Chlo...	0.692	0.629	0.623	0.599	0.591	0.745	0.646	9.29
21) T	trans-1,2-Dich...	0.594	0.551	0.558	0.533	0.548	0.701	0.581	10.69
22) T	Diisopropyl ether	2.084	2.093	2.120	2.097	2.099	2.091	2.097	0.59
23) T	Vinyl Acetate	1.163	1.179	1.260	1.364	1.390	1.089	1.241	9.58
24) P	1,1-Dichloroet...	1.144	1.129	1.119	1.067	1.072	1.365	1.149	9.59
25) T	2-Butanone	0.448	0.446	0.462	0.434	0.432	0.508	0.455	6.22
26) T	2,2-Dichloropr...	0.796	0.812	0.821	0.799	0.823	0.923	0.829	5.69
27) T	cis-1,2-Dichlo...	0.653	0.651	0.660	0.654	0.656	0.861	0.689	12.23
28) T	Bromochloromet...	0.607	0.549	0.536	0.527	0.529	0.534	0.547	5.58
29) T	Tetrahydrofuran	0.291	0.289	0.305	0.295	0.291	0.313	0.297	3.21
30) C	Chloroform	1.195	1.134	1.125	1.085	1.070	1.283	1.148	6.88#
31) T	Cyclohexane	1.254	1.098	1.059	1.012	0.993		1.083	9.60
32) T	1,1,1-Trichlor...	1.017	0.948	0.960	0.934	0.934	1.001	0.966	3.67
33) S	1,2-Dichloroet...	0.743	0.728	0.669	0.655	0.658		0.690	6.06
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.367	0.333	0.308	0.310	0.320		0.327	7.33
36) T	1,1-Dichloropr...	0.463	0.439	0.468	0.469	0.465	0.535	0.473	6.79
37) T	Ethyl Acetate	0.554	0.498	0.508	0.510	0.502	0.416	0.498	9.05
38) T	Carbon Tetrach...	0.488	0.456	0.474	0.471	0.483	0.491	0.477	2.74
39) T	Methylcyclohexane	0.526	0.509	0.559	0.571	0.567	0.496	0.538	5.97
40) TM	Benzene	1.466	1.438	1.441	1.451	1.423	1.499	1.453	1.85
41) T	Methacrylonitrile	0.301	0.279	0.280	0.300	0.302	0.269	0.288	4.94
42) TM	1,2-Dichloroet...	0.543	0.472	0.491	0.497	0.476	0.560	0.507	7.17
43) T	Isopropyl Acetate	0.784	0.784	0.839	0.862	0.869	0.722	0.810	6.99
44) TM	Trichloroethene	0.344	0.330	0.350	0.350	0.359	0.327	0.343	3.61
45) C	1,2-Dichloropr...	0.389	0.378	0.376	0.381	0.374	0.410	0.385	3.51#
46) T	Dibromomethane	0.252	0.241	0.241	0.245	0.247	0.249	0.246	1.79
47) T	Bromodichlorom...	0.510	0.470	0.501	0.493	0.497	0.487	0.493	2.75
48) T	Methyl methacr...	0.373	0.366	0.383	0.394	0.401	0.389	0.384	3.44
49) T	1,4-Dioxane	0.006	0.007	0.007	0.007	0.007	0.007	0.007	2.85
50) S	Toluene-d8	1.244	1.217	1.203	1.206	1.245		1.223	1.64
51) T	4-Methyl-2-Pen...	0.520	0.514	0.539	0.532	0.532	0.456	0.515	5.93
52) CM	Toluene	0.889	0.842	0.918	0.905	0.904	0.805	0.877	5.03#
53) T	t-1,3-Dichloro...	0.432	0.427	0.479	0.517	0.540	0.460	0.476	9.58
54) T	cis-1,3-Dichlo...	0.555	0.507	0.549	0.574	0.593	0.516	0.549	5.98
55) T	1,1,2-Trichlor...	0.391	0.335	0.358	0.354	0.359	0.344	0.357	5.33
56) T	Ethyl methacry...	0.487	0.465	0.527	0.560	0.562	0.412	0.502	11.73

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57)	T	1,3-Dichloropr...	0.631	0.604	0.622	0.613	0.600	0.607	0.613	1.91
58)	T	2-Chloroethyl ...	0.233	0.195	0.242	0.257	0.259	0.194	0.230	12.72
59)	T	2-Hexanone	0.356	0.360	0.391	0.393	0.387	0.342	0.372	5.85
60)	T	Dibromochlorom...	0.356	0.347	0.371	0.388	0.393	0.400	0.376	5.77
61)	T	1,2-Dibromoethane	0.351	0.315	0.347	0.357	0.364	0.408	0.357	8.47
62)	S	4-Bromofluorob...	0.380	0.393	0.408	0.415	0.430	0.405		4.82
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.320	0.297	0.302	0.317	0.318	0.336	0.315	4.45
65)	PM	Chlorobenzene	1.045	1.015	1.054	1.045	1.071	1.128	1.060	3.61
66)	T	1,1,1,2-Tetrac...	0.379	0.372	0.384	0.398	0.396	0.380	0.385	2.63
67)	C	Ethyl Benzene	1.799	1.774	1.853	1.875	1.909	1.622	1.805	5.68#
68)	T	m/p-Xylenes	0.695	0.665	0.736	0.747	0.743	0.589	0.696	8.82
69)	T	o-Xylene	0.684	0.657	0.720	0.722	0.731	0.559	0.679	9.60
70)	T	Styrene	1.081	1.056	1.153	1.205	1.234	0.856	1.097	12.47
71)	P	Bromoform	0.264	0.273	0.276	0.297	0.317	0.267	0.282	7.30
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.674	3.634	3.795	3.691	3.685	3.510	3.665	2.53
74)	T	N-amyl acetate	1.599	1.595	1.641	1.693	1.709	1.674	1.652	2.91
75)	P	1,1,2,2-Tetrac...	1.454	1.268	1.276	1.179	1.148	1.635	1.327	13.93
76)	T	1,2,3-Trichlor...	1.131	1.028	1.035	0.960	0.962	0.949	1.011	6.86
77)	T	Bromobenzene	0.938	0.860	0.908	0.870	0.876	1.034	0.914	7.16
78)	T	n-propylbenzene	4.246	4.193	4.483	4.395	4.343	4.162	4.303	2.89
79)	T	2-Chlorotoluene	2.709	2.572	2.621	2.541	2.528	2.838	2.635	4.53
80)	T	1,3,5-Trimethy...	3.101	3.038	3.233	3.114	3.087	2.601	3.029	7.24
81)	T	trans-1,4-Dich...	0.371	0.304	0.329	0.359	0.372	0.347		8.51
82)	T	4-Chlorotoluene	2.709	2.572	2.621	2.541	2.528	2.838	2.635	4.53
83)	T	tert-Butylbenzene	2.784	2.673	2.829	2.808	2.709	2.636	2.740	2.87
84)	T	1,2,4-Trimethy...	3.117	3.049	3.273	3.116	3.085	2.470	3.019	9.26
85)	T	sec-Butylbenzene	3.824	3.805	4.025	4.027	3.975	3.297	3.825	7.23
86)	T	p-Isopropyltol...	2.969	2.995	3.259	3.332	3.303	2.469	3.055	10.70
87)	T	1,3-Dichlorobe...	1.818	1.620	1.720	1.691	1.677	1.845	1.728	5.00
88)	T	1,4-Dichlorobe...	1.738	1.599	1.686	1.665	1.680	1.958	1.721	7.22
89)	T	n-Butylbenzene	2.565	2.453	2.731	2.918	2.934	2.339	2.657	9.25
90)	T	Hexachloroethane	0.649	0.588	0.627	0.610	0.606	0.757	0.640	9.55
91)	T	1,2-Dichlorobe...	1.883	1.650	1.758	1.704	1.693	1.943	1.772	6.57
92)	T	1,2-Dibromo-3-...	0.301	0.224	0.234	0.229	0.229	0.326	0.257	17.28
93)	T	1,2,4-Trichlor...	0.788	0.792	0.877	0.951	0.993	0.903	0.884	9.38
94)	T	Hexachlorobuta...	0.413	0.390	0.426	0.432	0.437	0.501	0.433	8.62
95)	T	Naphthalene	2.283	2.445	2.832	3.061	3.162	2.311	2.682	14.44
96)	T	1,2,3-Trichlor...	0.890	0.776	0.894	0.938	0.952	0.688	0.856	12.02

(#) = Out of Range