

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N070221W.M
 Title : SW846 8260
 Last Update : Fri Jul 02 12:55:54 2021
 Response Via : Initial Calibration

Calibration Files

1 =VN067604.D 5 =VN067605.D 20 =VN067606.D 50 =VN067607.D 100 =VN067608.D 150 =VN067609.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.462	0.620	0.500	0.540	0.581	0.544	0.541	10.40
3) P	Chloromethane	0.733	0.833	0.670	0.687	0.628	0.563	0.686	13.46
4) C	Vinyl Chloride	1.024	1.251	1.041	1.073	1.043	0.914	1.058	10.36#
5) T	Bromomethane		1.175	0.847	0.807	0.804	0.511	0.829	28.43
6) T	Chloroethane	0.914	1.043	0.799	0.806	0.711	0.630	0.817	17.91
7) T	Trichlorofluor...	2.065	2.537	2.065	2.014	1.891	1.647	2.037	14.32
8) T	Diethyl Ether	0.349	0.603	0.597	0.516	0.572	0.530	0.528	17.86
9) T	1,1,2-Trichlor...	0.446	0.548	0.438	0.460	0.469	0.441	0.467	8.88
10) T	Methyl Iodide		0.557	0.515	0.612	0.650	0.619	0.591	9.10
11) T	Tert butyl alc...		0.111	0.096	0.099	0.107	0.100	0.103	5.97
12) CM	1,1-Dichloroet...	0.385	0.516	0.425	0.445	0.460	0.435	0.444	9.77#
13) T	Acrolein		0.100	0.077	0.082	0.085	0.081	0.085	10.61
14) T	Allyl chloride	0.665	0.887	0.745	0.810	0.846	0.789	0.790	9.88
15) T	Acrylonitrile	0.218	0.303	0.250	0.273	0.284	0.271	0.267	11.05
16) T	Acetone	0.293	0.271	0.218	0.217	0.220	0.205	0.237	15.01
17) T	Carbon Disulfide	1.097	1.375	1.160	1.285	1.365	1.308	1.265	8.92
18) T	Methyl Acetate	0.607	0.655	0.575	0.601	0.615	0.572	0.604	5.02
19) T	Methyl tert-bu...	1.457	2.000	1.687	1.860	1.979	1.902	1.814	11.43
20) T	Methylene Chlo...	0.621	0.685	0.534	0.576	0.584	0.550	0.591	9.25
21) T	trans-1,2-Dich...	0.446	0.593	0.489	0.541	0.577	0.569	0.536	10.68
22) T	Diisopropyl ether	1.476	1.992	1.766	1.975	2.060	1.839	1.851	11.51
23) T	Vinyl Acetate	1.195	1.684	1.496	1.696	1.810	1.632	1.586	13.69
24) P	1,1-Dichloroet...	0.868	1.139	0.964	1.037	1.067	0.980	1.009	9.29
25) T	2-Butanone	0.320	0.432	0.370	0.397	0.405	0.373	0.383	10.01
26) T	2,2-Dichloropr...	0.876	0.972	0.847	0.945	0.980	0.906	0.921	5.83
27) T	cis-1,2-Dichlo...	0.525	0.702	0.612	0.677	0.695	0.665	0.646	10.43
28) T	Bromochloromet...	0.397	0.551	0.496	0.492	0.517	0.486	0.490	10.46
29) T	Tetrahydrofuran	0.219	0.265	0.250	0.268	0.277	0.250	0.255	7.99
30) C	Chloroform	1.015	1.256	1.080	1.190	1.228	1.146	1.152	7.96#
31) T	Cyclohexane		1.300	0.950	1.006	1.002	0.916	1.035	14.79
32) T	1,1,1-Trichlor...	0.710	1.073	0.960	1.091	1.135	1.061	1.005	15.48
33) S	1,2-Dichloroet...		0.817	0.698	0.730	0.766	0.729	0.748	6.07
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.313	0.268	0.298	0.330	0.337	0.309	8.91
36) T	1,1-Dichloropr...	0.423	0.521	0.422	0.482	0.503	0.478	0.472	8.62
37) T	Ethyl Acetate	0.439	0.480	0.407	0.454	0.480	0.455	0.453	6.09
38) T	Carbon Tetrach...	0.369	0.482	0.423	0.504	0.546	0.528	0.475	14.18
39) T	Methylcyclohexane	0.416	0.574	0.473	0.542	0.564	0.542	0.518	11.84
40) TM	Benzene	1.107	1.561	1.267	1.477	1.536	1.446	1.399	12.65
41) T	Methacrylonitrile	0.193	0.247	0.200	0.220	0.248	0.224	0.222	10.31
42) TM	1,2-Dichloroet...	0.440	0.581	0.479	0.533	0.544	0.506	0.514	9.73
43) T	Isopropyl Acetate	0.666	0.859	0.735	0.824	0.850	0.802	0.789	9.52
44) TM	Trichloroethene	0.270	0.386	0.322	0.367	0.382	0.374	0.350	13.02
45) C	1,2-Dichloropr...	0.294	0.382	0.322	0.358	0.372	0.352	0.347	9.53#
46) T	Dibromomethane	0.191	0.280	0.229	0.267	0.281	0.269	0.253	14.04
47) T	Bromodichlorom...	0.368	0.502	0.446	0.523	0.550	0.529	0.486	13.97
48) T	Methyl methacr...	0.325	0.366	0.306	0.355	0.377	0.354	0.347	7.65
49) T	1,4-Dioxane	0.005	0.007	0.005	0.006	0.007	0.007	0.006	14.49
50) S	Toluene-d8		1.294	1.122	1.289	1.439	1.382	1.305	9.20
51) T	4-Methyl-2-Pen...	0.362	0.524	0.446	0.516	0.544	0.503	0.483	14.04
52) CM	Toluene	0.691	0.980	0.826	1.014	1.088	0.993	0.932	15.64#
53) T	t-1,3-Dichloro...	0.320	0.494	0.457	0.582	0.641	0.598	0.515	22.77
54) T	cis-1,3-Dichlo...	0.410	0.543	0.500	0.595	0.652	0.622	0.554	16.11
55) T	1,1,2-Trichlor...	0.273	0.383	0.321	0.377	0.411	0.379	0.357	14.13
56) T	Ethyl methacry...	0.382	0.562	0.484	0.600	0.670	0.616	0.552	18.80

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57)	T	1,3-Dichloropr...	0.493	0.624	0.538	0.629	0.667	0.612	0.594	10.93
58)	T	2-Chloroethyl ...	0.055	0.103	0.086	0.120	0.140	0.142	0.108	31.24
59)	T	2-Hexanone	0.252	0.351	0.306	0.368	0.389	0.363	0.338	14.82
60)	T	Dibromochlorom...	0.222	0.346	0.325	0.412	0.467	0.435	0.368	24.29
61)	T	1,2-Dibromoethane	0.259	0.384	0.328	0.401	0.440	0.405	0.370	17.68
62)	S	4-Bromofluorob...	0.432	0.376	0.474	0.529	0.516	0.466		13.50
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.304	0.401	0.336	0.366	0.375	0.353	0.356	9.37
65)	PM	Chlorobenzene	0.857	1.113	0.926	1.056	1.107	1.085	1.024	10.45
66)	T	1,1,1,2-Tetrac...	0.251	0.367	0.335	0.399	0.418	0.409	0.363	17.30
67)	C	Ethyl Benzene	1.389	1.991	1.737	2.019	2.049	1.970	1.859	13.75#
68)	T	m/p-Xylenes	0.505	0.752	0.662	0.801	0.792	0.763	0.712	15.88
69)	T	o-Xylene	0.518	0.727	0.650	0.781	0.788	0.768	0.705	14.87
70)	T	Styrene	0.720	1.123	1.036	1.334	1.339	1.316	1.145	21.25
71)	P	Bromoform	0.146	0.232	0.213	0.298	0.330	0.329	0.258	28.54
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.686	4.886	3.914	4.082	4.229	4.171	4.161	9.75
74)	T	N-amyl acetate	1.183	1.677	1.389	1.435	1.542	1.553	1.463	11.63
75)	P	1,1,2,2-Tetrac...	1.084	1.402	1.125	1.118	1.184	1.159	1.179	9.74
76)	T	1,2,3-Trichlor...	0.960	1.212	0.975	0.947	0.969	0.937	1.000	10.47
77)	T	Bromobenzene	0.825	1.047	0.845	0.897	0.979	0.978	0.928	9.32
78)	T	n-propylbenzene	3.979	5.255	4.357	4.641	4.773	4.710	4.619	9.26
79)	T	2-Chlorotoluene	2.604	3.232	2.689	2.791	2.866	2.838	2.836	7.65
80)	T	1,3,5-Trimethy...	2.806	3.726	3.197	3.447	3.494	3.457	3.355	9.45
81)	T	trans-1,4-Dich...	0.289	0.276	0.326	0.378	0.389	0.332		15.35
82)	T	4-Chlorotoluene	2.361	3.137	2.637	2.802	2.910	2.893	2.790	9.53
83)	T	tert-Butylbenzene	2.378	3.162	2.654	2.854	2.950	2.930	2.821	9.64
84)	T	1,2,4-Trimethy...	2.608	3.599	3.153	3.398	3.487	3.452	3.283	11.04
85)	T	sec-Butylbenzene	3.247	4.389	3.673	3.937	4.070	4.026	3.890	10.04
86)	T	p-Isopropyltol...	2.415	3.393	2.939	3.229	3.417	3.395	3.131	12.61
87)	T	1,3-Dichlorobe...	1.372	1.804	1.568	1.736	1.831	1.808	1.687	10.75
88)	T	1,4-Dichlorobe...	1.404	1.832	1.575	1.723	1.796	1.766	1.683	9.68
89)	T	n-Butylbenzene	1.995	2.846	2.433	2.663	2.856	2.840	2.606	13.09
90)	T	Hexachloroethane	0.332	0.540	0.484	0.551	0.607	0.611	0.521	19.88
91)	T	1,2-Dichlorobe...	1.428	1.797	1.548	1.698	1.721	1.688	1.646	8.15
92)	T	1,2-Dibromo-3-...	0.149	0.202	0.191	0.204	0.216	0.220	0.197	13.11
93)	T	1,2,4-Trichlor...	0.555	0.697	0.622	0.663	0.803	0.840	0.696	15.53
94)	T	Hexachlorobuta...	0.288	0.396	0.309	0.303	0.342	0.327	0.327	11.79
95)	T	Naphthalene	1.284	1.744	1.821	2.061	2.551	2.674	2.023	25.86
96)	T	1,2,3-Trichlor...	0.446	0.615	0.604	0.632	0.768	0.799	0.644	19.78

(#) = Out of Range