

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X051921W.M
 Title : SW846 8260
 Last Update : Wed May 19 14:23:10 2021
 Response Via : Initial Calibration

Calibration Files

1 =VX022079.D 5 =VX022086.D 20 =VX022081.D 50 =VX022082.D 100 =VX022083.D 150 =VX022084.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.567	0.624	0.566	0.635	0.635	0.621	0.608	5.40
3) P	Chloromethane	0.631	0.674	0.606	0.677	0.665	0.680	0.656	4.62
4) C	Vinyl Chloride	0.620	0.738	0.633	0.722	0.728	0.722	0.694	7.59#
5) T	Bromomethane		0.493	0.367	0.386	0.380	0.396	0.404	12.52
6) T	Chloroethane	0.450	0.477	0.425	0.438	0.376	0.313	0.413	14.43
7) T	Trichlorofluor...	0.903	1.051	0.908	1.027	1.051	1.046	0.998	7.20
8) T	Diethyl Ether	0.418	0.456	0.396	0.425	0.439	0.441	0.429	4.90
9) T	1,1,2-Trichlor...	0.552	0.654	0.544	0.599	0.607	0.597	0.592	6.75
10) T	Methyl Iodide		0.551	0.547	0.672	0.711	0.702	0.637	12.76
11) T	Tert butyl alc...		0.192	0.165	0.173	0.180	0.173	0.176	5.61
12) CM	1,1-Dichloroet...	0.519	0.591	0.541	0.585	0.604	0.598	0.573	6.07#
13) T	Acrolein		0.145	0.102	0.109	0.113	0.116	0.117	14.23
14) T	Allyl chloride	0.973	1.071	0.976	1.077	1.104	1.113	1.053	5.93
15) T	Acrylonitrile	0.301	0.358	0.327	0.357	0.367	0.372	0.347	7.86
16) T	Acetone	0.373	0.366	0.305	0.325	0.322	0.324	0.336	8.15
17) T	Carbon Disulfide	1.546	1.635	1.322	1.455	1.517	1.530	1.501	6.99
18) T	Methyl Acetate	0.960	0.904	0.810	0.879	0.894	0.912	0.893	5.49
19) T	Methyl tert-bu...	1.789	2.042	1.817	2.018	2.057	2.055	1.963	6.37
20) T	Methylene Chlo...	0.912	0.793	0.651	0.699	0.713	0.707	0.746	12.51
21) T	trans-1,2-Dich...	0.534	0.648	0.582	0.652	0.668	0.656	0.623	8.54
22) T	Diisopropyl ether	1.743	2.034	1.864	2.059	2.192	2.270	2.027	9.74
23) T	Vinyl Acetate	1.613	1.978	1.799	2.009	2.129	2.184	1.952	10.92
24) P	1,1-Dichloroet...	1.110	1.208	1.091	1.214	1.258	1.257	1.190	6.08
25) T	2-Butanone	0.487	0.566	0.510	0.556	0.569	0.572	0.543	6.61
26) T	2,2-Dichloropr...	1.002	1.134	0.983	1.067	1.087	1.064	1.056	5.26
27) T	cis-1,2-Dichlo...	0.641	0.809	0.704	0.791	0.799	0.805	0.758	9.20
28) T	Bromochloromet...	0.597	0.586	0.523	0.565	0.590	0.602	0.577	5.14
29) T	Tetrahydrofuran	0.309	0.329	0.293	0.324	0.339	0.347	0.323	6.13
30) C	Chloroform	1.148	1.273	1.138	1.249	1.293	1.275	1.229	5.58#
31) T	Cyclohexane		1.043	0.863	0.971	0.975	0.994	0.969	6.79
32) T	1,1,1-Trichlor...	0.944	1.083	0.992	1.074	1.109	1.100	1.050	6.35
33) S	1,2-Dichloroet...		0.881	0.738	0.708	0.746	0.783	0.771	8.66
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.364	0.302	0.295	0.303	0.321	0.317	8.78
36) T	1,1-Dichloropr...	0.419	0.489	0.422	0.475	0.486	0.483	0.462	7.08
37) T	Ethyl Acetate	0.546	0.604	0.521	0.559	0.580	0.591	0.567	5.47
38) T	Carbon Tetrach...	0.380	0.466	0.417	0.485	0.482	0.483	0.452	9.65
39) T	Methylcyclohexane	0.525	0.551	0.479	0.524	0.537	0.530	0.524	4.66
40) TM	Benzene	1.330	1.483	1.315	1.452	1.477	1.480	1.423	5.51
41) T	Methacrylonitrile	0.315	0.291	0.267	0.305	0.315	0.326	0.303	7.03
42) TM	1,2-Dichloroet...	0.450	0.548	0.453	0.508	0.517	0.514	0.498	7.83
43) T	Isopropyl Acetate	0.838	0.984	0.838	0.936	0.978	0.989	0.927	7.72
44) TM	Trichloroethene	0.323	0.370	0.331	0.362	0.368	0.367	0.354	5.89
45) C	1,2-Dichloropr...	0.285	0.390	0.339	0.387	0.388	0.389	0.363	11.77#
46) T	Dibromomethane	0.210	0.262	0.229	0.261	0.257	0.259	0.246	8.83
47) T	Bromodichlorom...	0.418	0.499	0.444	0.524	0.536	0.535	0.493	10.18
48) T	Methyl methacr...	0.382	0.440	0.390	0.438	0.453	0.460	0.427	7.70
49) T	1,4-Dioxane	0.008	0.008	0.008	0.009	0.009	0.008	0.008	5.24
50) S	Toluene-d8		1.377	1.141	1.133	1.196	1.261	1.221	8.25
51) T	4-Methyl-2-Pen...	0.480	0.573	0.522	0.582	0.587	0.587	0.555	7.95
52) CM	Toluene	0.834	0.933	0.826	0.926	0.942	0.944	0.901	6.12#
53) T	t-1,3-Dichloro...	0.468	0.582	0.506	0.592	0.623	0.642	0.569	11.96
54) T	cis-1,3-Dichlo...	0.551	0.610	0.555	0.634	0.654	0.665	0.611	7.99
55) T	1,1,2-Trichlor...	0.324	0.379	0.340	0.378	0.389	0.385	0.366	7.42
56) T	Ethyl methacry...	0.517	0.588	0.534	0.629	0.638	0.641	0.591	9.22

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57)	T	1,3-Dichloropr...	0.536	0.668	0.581	0.643	0.657	0.661	0.624	8.62
58)	T	2-Chloroethyl ...	0.335	0.313	0.291	0.321	0.325	0.333	0.320	5.04
59)	T	2-Hexanone	0.358	0.440	0.398	0.440	0.434	0.436	0.418	7.97
60)	T	Dibromochlorom...	0.289	0.338	0.323	0.382	0.402	0.401	0.356	12.96
61)	T	1,2-Dibromoethane	0.275	0.383	0.342	0.386	0.397	0.402	0.364	13.31
62)	S	4-Bromofluorob...	0.514	0.406	0.421	0.447	0.470	0.451		9.40
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.295	0.372	0.315	0.335	0.334	0.319	0.328	7.88
65)	PM	Chlorobenzene	0.962	1.082	0.970	1.062	1.093	1.076	1.041	5.67
66)	T	1,1,1,2-Tetrac...	0.298	0.366	0.342	0.382	0.391	0.390	0.362	9.92
67)	C	Ethyl Benzene	1.784	2.013	1.762	1.945	2.002	1.982	1.915	5.87#
68)	T	m/p-Xylenes	0.666	0.786	0.668	0.727	0.758	0.737	0.724	6.68
69)	T	o-Xylene	0.653	0.728	0.665	0.714	0.734	0.729	0.704	5.07
70)	T	Styrene	0.907	1.197	1.080	1.207	1.267	1.260	1.153	11.98
71)	P	Bromoform	0.177	0.248	0.235	0.275	0.284	0.282	0.250	16.28
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.715	4.509	4.012	4.205	4.561	4.388	4.232	7.66
74)	T	N-amyl acetate	1.642	2.094	1.851	2.040	2.220	2.204	2.009	11.14
75)	P	1,1,2,2-Tetrac...	1.266	1.484	1.325	1.400	1.499	1.442	1.403	6.56
76)	T	1,2,3-Trichlor...	1.126	1.279	1.179	1.280	1.307	1.231	1.234	5.64
77)	T	Bromobenzene	0.789	0.976	0.837	0.909	0.954	0.919	0.897	7.94
78)	T	n-propylbenzene	4.238	5.233	4.546	5.003	5.457	5.263	4.957	9.50
79)	T	2-Chlorotoluene	2.973	3.119	2.778	2.948	3.187	3.035	3.006	4.77
80)	T	1,3,5-Trimethy...	3.062	3.662	3.309	3.564	3.805	3.642	3.507	7.78
81)	T	trans-1,4-Dich...	0.467	0.457	0.539	0.583	0.556	0.521		10.72
82)	T	4-Chlorotoluene	3.225	3.816	3.121	3.381	3.693	3.546	3.464	7.80
83)	T	tert-Butylbenzene	3.052	3.601	3.146	3.398	3.577	3.409	3.364	6.64
84)	T	1,2,4-Trimethy...	2.907	3.790	3.357	3.601	3.850	3.676	3.530	9.93
85)	T	sec-Butylbenzene	3.601	4.438	4.041	4.376	4.687	4.504	4.275	9.17
86)	T	p-Isopropyltol...	3.108	3.811	3.382	3.656	3.969	3.736	3.610	8.68
87)	T	1,3-Dichlorobe...	1.536	1.898	1.615	1.738	1.843	1.750	1.730	7.86
88)	T	1,4-Dichlorobe...	1.830	1.943	1.603	1.739	1.845	1.769	1.788	6.42
89)	T	n-Butylbenzene	2.645	3.442	3.055	3.459	3.789	3.647	3.340	12.59
90)	T	Hexachloroethane	0.482	0.591	0.543	0.631	0.679	0.654	0.597	12.42
91)	T	1,2-Dichlorobe...	1.499	1.819	1.588	1.682	1.745	1.637	1.662	6.83
92)	T	1,2-Dibromo-3-...	0.253	0.292	0.282	0.305	0.342	0.328	0.300	10.74
93)	T	1,2,4-Trichlor...	0.869	1.092	0.869	1.002	1.117	1.067	1.003	11.02
94)	T	Hexachlorobuta...	0.389	0.413	0.353	0.394	0.410	0.389	0.391	5.50
95)	T	Naphthalene	3.124	4.014	3.620	4.026	4.399	4.279	3.910	12.00
96)	T	1,2,3-Trichlor...	0.868	1.060	0.941	1.017	1.113	1.065	1.011	8.96

(#) = Out of Range