

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X040722W.M
 Title : SW846 8260
 Last Update : Thu Apr 07 17:02:23 2022
 Response Via : Initial Calibration

Calibration Files

1 =VX028006.D 5 =VX028013.D 20 =VX028008.D 50 =VX028009.D 100 =VX028014.D 150 =VX028011.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.840	0.655	0.658	0.673	0.667	0.752	0.708	10.51
3) P	Chloromethane	0.820	0.572	0.517	0.529	0.537	0.579	0.592	19.27
4) C	Vinyl Chloride	0.623	0.567	0.569	0.545	0.561	0.612	0.579	5.29#
5) T	Bromomethane		0.350	0.257	0.253	0.233	0.266	0.272	16.69
6) T	Chloroethane	0.596	0.352	0.347	0.314	0.320	0.361	0.382	27.92
7) T	Trichlorofluor...	1.170	0.922	0.931	0.889	0.878	1.003	0.965	11.32
8) T	Diethyl Ether	0.427	0.303	0.299	0.289	0.294	0.337	0.325	16.27
9) T	1,1,2-Trichlor...	0.741	0.538	0.556	0.523	0.517	0.588	0.577	14.58
10) T	Methyl Iodide		0.441	0.597	0.641	0.698	0.820	0.639	21.73
11) T	Tert butyl alc...		0.129	0.126	0.128	0.138	0.148	0.134	6.74
12) CM	1,1-Dichloroet...	0.686	0.502	0.514	0.489	0.495	0.570	0.543	14.02#
13) T	Acrolein		0.126	0.115	0.120	0.113	0.138	0.122	8.10
14) T	Allyl chloride	0.992	0.868	0.883	0.878	0.861	0.907	0.898	5.38
15) T	Acrylonitrile	0.352	0.310	0.314	0.304	0.305	0.342	0.321	6.45
16) T	Acetone	0.446	0.337	0.290	0.281	0.253	0.275	0.314	22.49
17) T	Carbon Disulfide	1.762	1.313	1.176	1.222	1.260	1.523	1.376	16.31
18) T	Methyl Acetate	1.009	0.771	0.792	0.720	0.703	0.741	0.789	14.25
19) T	Methyl tert-bu...	2.075	1.783	1.751	1.746	1.752	2.027	1.856	8.23
20) T	Methylene Chlo...	0.864	0.579	0.531	0.535	0.552	0.620	0.613	20.70
21) T	trans-1,2-Dich...	0.604	0.556	0.490	0.519	0.516	0.576	0.543	7.87
22) T	Diisopropyl ether	2.177	1.740	1.775	1.701	1.715	1.967	1.846	10.24
23) T	Vinyl Acetate	1.763	1.465	1.587	1.535	1.558	1.809	1.620	8.38
24) P	1,1-Dichloroet...	1.248	0.978	1.010	0.964	0.979	1.128	1.051	10.82
25) T	2-Butanone	0.565	0.465	0.477	0.453	0.471	0.524	0.493	8.72
26) T	2,2-Dichloropr...	1.004	0.779	0.774	0.790	0.830	0.964	0.857	11.84
27) T	cis-1,2-Dichlo...	0.707	0.622	0.583	0.599	0.613	0.668	0.632	7.36
28) T	Bromochloromet...	0.498	0.414	0.435	0.410	0.425	0.475	0.443	8.04
29) T	Tetrahydrofuran	0.370	0.289	0.299	0.291	0.296	0.330	0.312	10.29
30) C	Chloroform	1.333	1.071	1.080	1.058	1.073	1.233	1.141	10.04#
31) T	Cyclohexane		0.908	0.897	0.891	0.892	1.012	0.920	5.64
32) T	1,1,1-Trichlor...	1.067	0.928	0.960	0.955	0.981	1.123	1.002	7.56
33) S	1,2-Dichloroet...		0.827	0.658	0.724	0.733	0.854	0.759	10.57
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.336	0.332	0.329	0.334	0.347	0.336	2.07
36) T	1,1-Dichloropr...	0.543	0.477	0.466	0.477	0.475	0.523	0.493	6.40
37) T	Ethyl Acetate	0.658	0.554	0.576	0.535	0.540	0.615	0.579	8.29
38) T	Carbon Tetrach...	0.553	0.513	0.502	0.528	0.528	0.581	0.534	5.39
39) T	Methylcyclohexane	0.597	0.559	0.576	0.549	0.554	0.595	0.572	3.63
40) TM	Benzene	1.506	1.326	1.377	1.322	1.316	1.419	1.378	5.39
41) T	Methacrylonitrile	0.339	0.267	0.303	0.292	0.290	0.336	0.305	9.29
42) TM	1,2-Dichloroet...	0.642	0.585	0.514	0.555	0.555	0.647	0.583	9.02
43) T	Isopropyl Acetate	0.987	0.787	0.779	0.836	0.857	0.992	0.873	10.86
44) TM	Trichloroethene	0.354	0.358	0.404	0.365	0.358	0.376	0.369	5.08
45) C	1,2-Dichloropr...	0.336	0.340	0.345	0.336	0.337	0.371	0.344	3.98#
46) T	Dibromomethane	0.335	0.253	0.266	0.260	0.258	0.288	0.277	11.23
47) T	Bromodichlorom...	0.505	0.471	0.495	0.494	0.511	0.570	0.508	6.58
48) T	Methyl methacr...	0.455	0.408	0.439	0.433	0.438	0.497	0.445	6.64
49) T	1,4-Dioxane	0.009	0.008	0.009	0.009	0.009	0.008	0.009	5.85
50) S	Toluene-d8		1.281	1.093	1.174	1.191	1.248	1.198	6.07
51) T	4-Methyl-2-Pen...	0.564	0.540	0.584	0.555	0.564	0.611	0.569	4.34
52) CM	Toluene	1.068	0.830	0.818	0.837	0.847	0.906	0.884	10.75#
53) T	t-1,3-Dichloro...	0.451	0.419	0.484	0.514	0.543	0.620	0.505	14.12
54) T	cis-1,3-Dichlo...	0.500	0.488	0.527	0.553	0.566	0.630	0.544	9.48
55) T	1,1,2-Trichlor...	0.360	0.327	0.336	0.346	0.349	0.375	0.349	4.84
56) T	Ethyl methacry...	0.471	0.490	0.543	0.559	0.590	0.642	0.549	11.52

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57)	T	1,3-Dichloropr...	0.614	0.573	0.586	0.579	0.584	0.650	0.598	4.87
58)	T	2-Chloroethyl ...	0.235	0.228	0.232	0.274	0.280	0.301	0.258	11.82
59)	T	2-Hexanone	0.470	0.429	0.468	0.438	0.448	0.474	0.454	4.12
60)	T	Dibromochlorom...	0.325	0.309	0.328	0.371	0.387	0.445	0.361	14.11
61)	T	1,2-Dibromoethane	0.393	0.372	0.364	0.382	0.389	0.435	0.389	6.43
62)	S	4-Bromofluorob...	0.540	0.446	0.487	0.518	0.554	0.509		8.55
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.365	0.382	0.396	0.362	0.353	0.345	0.367	5.12
65)	PM	Chlorobenzene	1.122	0.988	1.112	0.990	0.987	1.045	1.041	6.06
66)	T	1,1,1,2-Tetrac...	0.397	0.339	0.400	0.375	0.381	0.401	0.382	6.18
67)	C	Ethyl Benzene	1.878	1.875	2.130	1.846	1.850	1.888	1.911	5.68#
68)	T	m/p-Xylenes	0.732	0.695	0.766	0.688	0.696	0.723	0.717	4.13
69)	T	o-Xylene	0.731	0.678	0.762	0.663	0.680	0.708	0.704	5.33
70)	T	Styrene	1.081	1.130	1.260	1.148	1.177	1.224	1.170	5.55
71)	P	Bromoform	0.249	0.226	0.292	0.283	0.314	0.325	0.282	13.41
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.146	3.790	4.223	3.627	3.545	3.923	3.876	7.06
74)	T	N-amyl acetate	1.906	1.434	1.900	1.539	1.606	1.809	1.699	11.78
75)	P	1,1,2,2-Tetrac...	1.531	1.198	1.411	1.181	1.164	1.298	1.297	11.37
76)	T	1,2,3-Trichlor...	1.479	1.124	1.368	1.120	1.082	1.185	1.226	13.06
77)	T	Bromobenzene	1.022	0.878	0.954	0.841	0.850	0.943	0.915	7.71
78)	T	n-propylbenzene	4.989	4.395	5.105	4.293	4.223	4.723	4.621	8.08
79)	T	2-Chlorotoluene	3.069	2.774	3.156	2.651	2.580	2.847	2.846	8.01
80)	T	1,3,5-Trimethy...	3.489	3.071	3.686	3.167	3.102	3.441	3.326	7.48
81)	T	trans-1,4-Dich...	0.310	0.252	0.354	0.340	0.370	0.427	0.342	17.17
82)	T	4-Chlorotoluene	3.559	3.198	3.690	3.059	3.011	3.357	3.312	8.25
83)	T	tert-Butylbenzene	3.100	3.013	3.399	2.974	2.941	3.151	3.096	5.42
84)	T	1,2,4-Trimethy...	3.562	3.144	3.676	3.164	3.116	3.362	3.337	7.11
85)	T	sec-Butylbenzene	3.892	3.716	4.341	3.748	3.720	4.015	3.905	6.25
86)	T	p-Isopropyltol...	3.266	3.089	3.527	3.178	3.162	3.402	3.271	5.05
87)	T	1,3-Dichlorobe...	1.833	1.633	1.815	1.627	1.629	1.720	1.710	5.60
88)	T	1,4-Dichlorobe...	1.963	1.759	1.831	1.635	1.647	1.750	1.764	6.93
89)	T	n-Butylbenzene	2.881	2.736	3.265	2.811	2.836	3.110	2.940	6.92
90)	T	Hexachloroethane	0.492	0.413	0.502	0.484	0.505	0.568	0.494	10.10
91)	T	1,2-Dichlorobe...	1.732	1.638	1.777	1.592	1.554	1.676	1.662	5.07
92)	T	1,2-Dibromo-3-...	0.371	0.274	0.367	0.299	0.306	0.352	0.328	12.29
93)	T	1,2,4-Trichlor...	1.080	0.967	1.054	0.968	0.981	1.049	1.017	4.93
94)	T	Hexachlorobuta...	0.586	0.483	0.467	0.440	0.421	0.447	0.474	12.43
95)	T	Naphthalene	3.469	3.180	3.823	3.438	3.464	3.635	3.501	6.14
96)	T	1,2,3-Trichlor...	1.008	0.953	1.058	0.962	0.970	1.047	1.000	4.49

(#) = Out of Range