

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X031621W.M
 Title : SW846 8260
 Last Update : Tue Mar 16 14:00:21 2021
 Response Via : Initial Calibration

Calibration Files

1 =VX021244.D 5 =VX021238.D 20 =VX021239.D 50 =VX021240.D 100 =VX021241.D 150 =VX021242.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.541	0.647	0.555	0.617	0.616	0.607	0.597	6.83
3) P	Chloromethane	2.250	1.278	0.831	0.885	0.861	0.825	1.155	48.79
4) C	Vinyl Chloride	0.563	0.643	0.565	0.632	0.623	0.624	0.608	5.76#
5) T	Bromomethane		0.302	0.271	0.262	0.250	0.244	0.266	8.50
6) T	Chloroethane	0.316	0.422	0.359	0.386	0.378	0.369	0.372	9.34
7) T	Trichlorofluor...	0.784	0.969	0.895	0.991	0.939	0.925	0.917	8.00
8) T	Diethyl Ether	0.311	0.329	0.301	0.338	0.326	0.332	0.323	4.34
9) T	1,1,2-Trichlor...	0.477	0.557	0.485	0.543	0.534	0.540	0.523	6.36
10) T	Methyl Iodide		0.434	0.382	0.457	0.490	0.518	0.456	11.52
11) T	Tert butyl alc...		0.141	0.129	0.138	0.140	0.141	0.138	3.63
12) CM	1,1-Dichloroet...	0.469	0.541	0.477	0.523	0.520	0.529	0.510	5.75#
13) T	Acrolein		0.111	0.072	0.081	0.084	0.083	0.086	17.18
14) T	Allyl chloride	1.013	1.092	0.985	1.095	1.079	1.040	1.051	4.33
15) T	Acrylonitrile	0.277	0.336	0.304	0.335	0.338	0.333	0.320	7.73
16) T	Acetone	0.294	0.319	0.281	0.302	0.308	0.307	0.302	4.34
17) T	Carbon Disulfide	2.134	1.518	1.345	1.477	1.489	1.498	1.577	17.76
18) T	Methyl Acetate	0.938	0.821	0.747	0.818	0.811	0.827	0.827	7.46
19) T	Methyl tert-bu...	1.606	1.995	1.809	2.034	2.006	2.027	1.913	9.01
20) T	Methylene Chlo...	0.664	0.625	0.565	0.620	0.628	0.622	0.621	5.11
21) T	trans-1,2-Dich...	0.598	0.556	0.516	0.583	0.581	0.581	0.569	5.17
22) T	Diisopropyl ether	1.684	2.095	1.942	2.154	2.118	2.119	2.018	8.92
23) T	Vinyl Acetate	1.340	1.784	1.696	1.927	1.912	1.906	1.761	12.78
24) P	1,1-Dichloroet...	0.985	1.143	1.022	1.136	1.124	1.130	1.090	6.27
25) T	2-Butanone	0.394	0.480	0.442	0.487	0.492	0.490	0.464	8.42
26) T	2,2-Dichloropr...	0.814	0.985	0.883	1.012	1.006	1.006	0.951	8.68
27) T	cis-1,2-Dichlo...	0.617	0.666	0.613	0.676	0.675	0.677	0.654	4.67
28) T	Bromochloromet...	0.527	0.542	0.480	0.527	0.500	0.505	0.513	4.42
29) T	Tetrahydrofuran	0.278	0.317	0.289	0.319	0.318	0.318	0.306	6.01
30) C	Chloroform	0.965	1.193	1.078	1.209	1.180	1.184	1.135	8.40#
31) T	Cyclohexane		1.022	0.914	1.024	1.005	0.991	0.991	4.54
32) T	1,1,1-Trichlor...	0.837	1.044	0.936	1.073	1.063	1.080	1.005	9.74
33) S	1,2-Dichloroet...		0.871	0.745	0.804	0.828	0.853	0.820	6.02
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.355	0.295	0.334	0.357	0.361	0.340	8.09
36) T	1,1-Dichloropr...	0.502	0.514	0.466	0.509	0.518	0.512	0.504	3.81
37) T	Ethyl Acetate	0.662	0.571	0.520	0.578	0.591	0.581	0.584	7.79
38) T	Carbon Tetrach...	0.448	0.533	0.490	0.552	0.557	0.559	0.523	8.63
39) T	Methylcyclohexane	0.490	0.580	0.516	0.585	0.596	0.588	0.559	7.97
40) TM	Benzene	1.152	1.476	1.305	1.459	1.486	1.452	1.388	9.61
41) T	Methacrylonitrile	0.383	0.346	0.291	0.324	0.339	0.327	0.335	9.03
42) TM	1,2-Dichloroet...	0.531	0.641	0.564	0.617	0.626	0.615	0.599	7.08
43) T	Isopropyl Acetate	0.888	0.988	0.875	0.984	1.014	0.994	0.957	6.23
44) TM	Trichloroethene	0.338	0.392	0.334	0.379	0.386	0.384	0.369	6.96
45) C	1,2-Dichloropr...	0.314	0.386	0.351	0.393	0.406	0.389	0.373	9.19#
46) T	Dibromomethane	0.251	0.289	0.248	0.280	0.288	0.282	0.273	6.85
47) T	Bromodichlorom...	0.454	0.567	0.509	0.580	0.599	0.575	0.547	10.01
48) T	Methyl methacr...	0.493	0.532	0.457	0.515	0.535	0.515	0.508	5.73
49) T	1,4-Dioxane	0.010	0.012	0.008	0.009	0.009	0.009	0.009	15.48
50) S	Toluene-d8		1.299	1.075	1.204	1.298	1.296	1.234	7.95
51) T	4-Methyl-2-Pen...	0.467	0.583	0.529	0.586	0.595	0.582	0.557	9.00
52) CM	Toluene	0.711	0.892	0.809	0.915	0.936	0.888	0.859	9.77#
53) T	t-1,3-Dichloro...	0.511	0.562	0.527	0.609	0.646	0.628	0.581	9.57
54) T	cis-1,3-Dichlo...	0.539	0.616	0.566	0.661	0.680	0.660	0.620	9.24
55) T	1,1,2-Trichlor...	0.279	0.365	0.337	0.373	0.383	0.369	0.351	10.92
56) T	Ethyl methacry...	0.420	0.580	0.538	0.601	0.628	0.621	0.565	13.80

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57)	T	1,3-Dichloropr...	0.521	0.624	0.588	0.637	0.660	0.636	0.611	8.16
58)	T	2-Chloroethyl ...	0.309	0.301	0.292	0.314	0.328	0.309	0.309	3.90
59)	T	2-Hexanone	0.335	0.428	0.401	0.442	0.448	0.447	0.417	10.48
60)	T	Dibromochlorom...	0.310	0.391	0.377	0.431	0.451	0.440	0.400	13.15
61)	T	1,2-Dibromoethane	0.346	0.395	0.347	0.398	0.417	0.406	0.385	7.95
62)	S	4-Bromofluorob...		0.466	0.416	0.473	0.516	0.526	0.479	9.20
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.360	0.408	0.342	0.367	0.391	0.373	0.373	6.20
65)	PM	Chlorobenzene	0.933	1.088	0.954	1.023	1.098	1.073	1.028	6.89
66)	T	1,1,1,2-Tetrac...	0.301	0.403	0.364	0.387	0.421	0.411	0.381	11.56
67)	C	Ethyl Benzene	1.673	1.996	1.761	1.939	2.024	2.013	1.901	7.79#
68)	T	m/p-Xylenes	0.584	0.700	0.641	0.699	0.739	0.713	0.679	8.33
69)	T	o-Xylene	0.559	0.694	0.625	0.675	0.710	0.698	0.660	8.79
70)	T	Styrene	0.950	1.110	1.026	1.133	1.223	1.202	1.107	9.41
71)	P	Bromoform	0.238	0.304	0.286	0.322	0.348	0.353	0.308	13.92
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.101	4.011	3.551	3.863	3.998	3.761	3.714	9.29
74)	T	N-amyl acetate	1.630	1.992	1.757	1.956	2.006	1.963	1.884	8.17
75)	P	1,1,2,2-Tetrac...	1.013	1.352	1.174	1.292	1.292	1.274	1.233	9.90
76)	T	1,2,3-Trichlor...	1.002	1.213	1.146	1.101	1.274	1.223	1.160	8.50
77)	T	Bromobenzene	0.745	0.956	0.819	0.910	0.936	0.923	0.881	9.30
78)	T	n-propylbenzene	3.843	4.561	4.027	4.536	4.695	4.400	4.343	7.72
79)	T	2-Chlorotoluene	2.474	2.858	2.438	2.713	2.751	2.591	2.638	6.25
80)	T	1,3,5-Trimethy...	2.707	3.325	2.954	3.323	3.377	3.171	3.143	8.38
81)	T	trans-1,4-Dich...		0.402	0.366	0.437	0.465	0.467	0.427	10.10
82)	T	4-Chlorotoluene	2.889	3.308	2.844	3.206	3.251	3.139	3.106	6.25
83)	T	tert-Butylbenzene	2.440	3.177	2.821	3.111	3.289	3.111	2.992	10.41
84)	T	1,2,4-Trimethy...	2.715	3.412	3.013	3.345	3.440	3.249	3.196	8.81
85)	T	sec-Butylbenzene	2.988	3.740	3.307	3.676	3.801	3.644	3.526	8.92
86)	T	p-Isopropyltol...	2.724	3.312	3.010	3.433	3.544	3.366	3.231	9.47
87)	T	1,3-Dichlorobe...	1.507	1.662	1.481	1.622	1.681	1.691	1.607	5.67
88)	T	1,4-Dichlorobe...	1.603	1.676	1.469	1.680	1.740	1.694	1.644	5.87
89)	T	n-Butylbenzene	2.568	2.936	2.667	3.084	3.265	3.149	2.945	9.40
90)	T	Hexachloroethane	0.416	0.408	0.471	0.526	0.561	0.571	0.492	14.49
91)	T	1,2-Dichlorobe...	1.398	1.620	1.460	1.611	1.674	1.641	1.568	7.08
92)	T	1,2-Dibromo-3-...	0.269	0.352	0.283	0.320	0.337	0.336	0.316	10.47
93)	T	1,2,4-Trichlor...	0.974	0.986	0.887	1.056	1.099	1.181	1.030	10.08
94)	T	Hexachlorobuta...	0.405	0.461	0.361	0.456	0.440	0.471	0.432	9.67
95)	T	Naphthalene	3.119	3.536	3.229	3.719	3.852	3.823	3.547	8.76
96)	T	1,2,3-Trichlor...	0.968	1.003	0.921	1.095	1.087	1.084	1.026	7.12

(#) = Out of Range