

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X061021W.M
 Title : SW846 8260
 Last Update : Thu Jun 10 12:20:00 2021
 Response Via : Initial Calibration

Calibration Files

1 =VX022631.D 5 =VX022632.D 20 =VX022633.D 50 =VX022634.D 100 =VX022635.D 150 =VX022636.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.481	0.580	0.592	0.612	0.649	0.607	0.587	9.67
3) P	Chloromethane	0.683	0.782	0.638	0.699	0.739	0.713	0.709	6.92
4) C	Vinyl Chloride	0.700	0.721	0.636	0.680	0.731	0.711	0.697	4.95#
5) T	Bromomethane	0.452	0.392	0.362	0.366	0.323	0.379		12.60
6) T	Chloroethane	0.423	0.450	0.394	0.423	0.447	0.393	0.422	5.81
7) T	Trichlorofluor...	0.937	1.089	0.935	0.991	1.069	0.997	1.003	6.45
8) T	Diethyl Ether	0.385	0.464	0.371	0.396	0.422	0.394	0.405	8.21
9) T	1,1,2-Trichlor...	0.545	0.679	0.595	0.611	0.630	0.612	0.612	7.14
10) T	Methyl Iodide	0.599	0.571	0.708	0.789	0.764	0.686		14.21
11) T	Tert butyl alc...	0.248	0.187	0.196	0.211	0.199	0.208		11.47
12) CM	1,1-Dichloroet...	0.608	0.661	0.563	0.586	0.612	0.612	0.607	5.38#
13) T	Acrolein	0.108	0.074	0.079	0.089	0.087	0.087		14.82
14) T	Allyl chloride	1.048	1.190	1.038	1.206	1.295	1.265	1.174	9.23
15) T	Acrylonitrile	0.349	0.441	0.384	0.418	0.439	0.421	0.409	8.71
16) T	Acetone	0.436	0.434	0.369	0.387	0.408	0.382	0.403	6.99
17) T	Carbon Disulfide	1.195	1.387	1.140	1.363	1.555	1.557	1.366	12.81
18) T	Methyl Acetate	1.400	1.297	1.072	1.133	1.227	1.142	1.212	10.01
19) T	Methyl tert-bu...	1.836	2.191	1.970	2.129	2.308	2.203	2.106	8.20
20) T	Methylene Chlo...	1.162	0.877	0.718	0.762	0.811	0.762	0.849	19.17
21) T	trans-1,2-Dich...	0.599	0.712	0.636	0.674	0.726	0.688	0.673	7.10
22) T	Diisopropyl ether	1.952	2.446	2.170	2.348	2.589	2.431	2.323	9.79
23) T	Vinyl Acetate	1.617	2.195	2.006	2.237	2.451	2.336	2.140	13.84
24) P	1,1-Dichloroet...	1.227	1.491	1.216	1.330	1.432	1.390	1.348	8.23
25) T	2-Butanone	0.574	0.696	0.605	0.660	0.707	0.676	0.653	8.06
26) T	2,2-Dichloropr...	0.805	1.125	0.947	1.048	1.151	1.090	1.028	12.68
27) T	cis-1,2-Dichlo...	0.795	0.844	0.751	0.815	0.874	0.839	0.820	5.27
28) T	Bromochloromet...	0.524	0.710	0.613	0.647	0.714	0.702	0.652	11.44
29) T	Tetrahydrofuran	0.315	0.408	0.355	0.383	0.421	0.399	0.380	10.31
30) C	Chloroform	1.200	1.425	1.247	1.348	1.451	1.390	1.343	7.45#
31) T	Cyclohexane	1.160	0.976	1.054	1.140	1.094	1.085		6.78
32) T	1,1,1-Trichlor...	0.757	1.154	1.002	1.100	1.198	1.140	1.058	15.28
33) S	1,2-Dichloroet...	1.039	0.796	0.828	0.915	0.919	0.899		10.52
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.333	0.287	0.301	0.333	0.342	0.319		7.48
36) T	1,1-Dichloropr...	0.512	0.502	0.449	0.487	0.523	0.516	0.498	5.45
37) T	Ethyl Acetate	0.611	0.647	0.569	0.630	0.667	0.674	0.633	6.15
38) T	Carbon Tetrach...	0.378	0.425	0.368	0.439	0.471	0.477	0.426	10.72
39) T	Methylcyclohexane	0.461	0.536	0.490	0.522	0.562	0.547	0.520	7.30
40) TM	Benzene	1.280	1.578	1.369	1.528	1.588	1.550	1.482	8.57
41) T	Methacrylonitrile	0.289	0.336	0.310	0.356	0.374	0.371	0.339	10.10
42) TM	1,2-Dichloroet...	0.499	0.569	0.499	0.551	0.582	0.571	0.545	6.78
43) T	Isopropyl Acetate	0.823	0.992	0.911	1.034	1.125	1.115	1.000	11.77
44) TM	Trichloroethene	0.318	0.361	0.322	0.353	0.370	0.364	0.348	6.44
45) C	1,2-Dichloropr...	0.341	0.435	0.365	0.405	0.429	0.425	0.400	9.66#
46) T	Dibromomethane	0.186	0.275	0.222	0.263	0.279	0.273	0.250	15.09
47) T	Bromodichlorom...	0.353	0.430	0.408	0.498	0.538	0.547	0.462	16.79
48) T	Methyl methacr...	0.402	0.488	0.426	0.496	0.533	0.534	0.480	11.41
49) T	1,4-Dioxane	0.008	0.010	0.008	0.010	0.010	0.009	0.009	10.25
50) S	Toluene-d8	1.351	1.096	1.217	1.303	1.322	1.258		8.23
51) T	4-Methyl-2-Pen...	0.507	0.649	0.598	0.668	0.705	0.681	0.635	11.39
52) CM	Toluene	0.807	0.999	0.835	0.945	0.991	0.957	0.922	8.84#
53) T	t-1,3-Dichloro...	0.375	0.481	0.460	0.578	0.646	0.656	0.533	21.09
54) T	cis-1,3-Dichlo...	0.400	0.545	0.531	0.631	0.690	0.692	0.582	19.35
55) T	1,1,2-Trichlor...	0.327	0.395	0.341	0.388	0.412	0.401	0.377	9.22
56) T	Ethyl methacry...	0.464	0.568	0.551	0.645	0.712	0.704	0.607	15.98

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57)	T	1,3-Dichloropr...	0.530	0.662	0.608	0.693	0.733	0.714	0.656	11.57
58)	T	2-Chloroethyl ...	0.325	0.343	0.309	0.350	0.360	0.354	0.340	5.63
59)	T	2-Hexanone	0.379	0.495	0.446	0.516	0.545	0.528	0.485	12.79
60)	T	Dibromochlorom...	0.198	0.266	0.273	0.350	0.386	0.389	0.310	24.77
61)	T	1,2-Dibromoethane	0.331	0.358	0.336	0.401	0.425	0.410	0.377	10.71
62)	S	4-Bromofluorob...	0.501	0.394	0.447	0.503	0.534	0.476		11.60
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.319	0.329	0.296	0.324	0.328	0.302	0.316	4.41
65)	PM	Chlorobenzene	0.938	1.114	0.948	1.051	1.122	1.078	1.042	7.74
66)	T	1,1,1,2-Tetrac...	0.241	0.339	0.305	0.361	0.398	0.383	0.338	17.08
67)	C	Ethyl Benzene	1.599	1.991	1.778	2.000	2.116	2.026	1.918	10.00#
68)	T	m/p-Xylenes	0.572	0.739	0.641	0.733	0.761	0.724	0.695	10.52
69)	T	o-Xylene	0.502	0.722	0.638	0.711	0.746	0.721	0.673	13.57
70)	T	Styrene	0.823	1.119	1.046	1.213	1.294	1.260	1.126	15.49
71)	P	Bromoform	0.124	0.147	0.164	0.220	0.257	0.270	0.197	30.78
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.474	4.390	3.835	4.179	4.500	4.256	4.106	9.35
74)	T	N-amyl acetate	1.673	2.221	2.022	2.288	2.588	2.457	2.208	14.80
75)	P	1,1,2,2-Tetrac...	1.133	1.514	1.386	1.525	1.640	1.562	1.460	12.33
76)	T	1,2,3-Trichlor...	1.096	1.340	1.231	1.385	1.500	1.402	1.326	10.76
77)	T	Bromobenzene	0.795	0.965	0.790	0.882	0.931	0.899	0.877	8.13
78)	T	n-propylbenzene	4.360	5.011	4.577	5.103	5.478	5.224	4.959	8.40
79)	T	2-Chlorotoluene	2.697	3.205	2.734	3.005	3.227	3.136	3.001	7.81
80)	T	1,3,5-Trimethy...	2.686	3.591	3.238	3.588	3.810	3.607	3.420	11.81
81)	T	trans-1,4-Dich...	0.314	0.324	0.474	0.566	0.555	0.447		27.30
82)	T	4-Chlorotoluene	3.027	3.503	3.163	3.503	3.784	3.623	3.434	8.31
83)	T	tert-Butylbenzene	2.914	3.206	2.956	3.301	3.508	3.387	3.212	7.38
84)	T	1,2,4-Trimethy...	2.818	3.600	3.218	3.596	3.870	3.713	3.469	11.09
85)	T	sec-Butylbenzene	3.555	4.329	3.882	4.345	4.625	4.437	4.195	9.49
86)	T	p-Isopropyltol...	2.790	3.603	3.202	3.602	3.869	3.714	3.463	11.46
87)	T	1,3-Dichlorobe...	1.475	1.744	1.509	1.683	1.828	1.750	1.665	8.53
88)	T	1,4-Dichlorobe...	1.577	1.793	1.559	1.717	1.848	1.789	1.714	7.03
89)	T	n-Butylbenzene	2.681	3.224	2.994	3.511	3.835	3.650	3.316	13.03
90)	T	Hexachloroethane	0.337	0.421	0.401	0.515	0.618	0.606	0.483	23.81
91)	T	1,2-Dichlorobe...	1.413	1.716	1.527	1.665	1.750	1.661	1.622	7.86
92)	T	1,2-Dibromo-3-...	0.147	0.241	0.250	0.306	0.363	0.367	0.279	30.04
93)	T	1,2,4-Trichlor...	0.929	0.889	0.879	0.995	1.098	1.048	0.973	9.14
94)	T	Hexachlorobuta...	0.339	0.333	0.316	0.353	0.387	0.366	0.349	7.31
95)	T	Naphthalene	2.663	3.516	3.580	4.145	4.462	4.289	3.776	17.63
96)	T	1,2,3-Trichlor...	0.806	0.908	0.850	1.006	1.092	1.031	0.949	11.76

(#) = Out of Range