

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X091422W.M
 Title : SW846 8260
 Last Update : Thu Sep 15 01:48:08 2022
 Response Via : Initial Calibration

Calibration Files

1 =VX031303.D 5 =VX031304.D 20 =VX031306.D 50 =VX031307.D 100 =VX031308.D 10 =VX031305.D

	Compound	1	5	20	50	100	10	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.567	0.559	0.564	0.542	0.451	0.557	0.540	8.24
3) P	Chloromethane	1.103	0.778	0.749	0.839	0.706	0.782	0.826	17.27
4) C	Vinyl Chloride	0.891	0.835	0.874	0.958	0.789	0.894	0.874	6.55#
5) T	Bromomethane		0.696	0.633	0.680	0.557	0.710	0.655	9.44
6) T	Chloroethane	0.938	0.708	0.671	0.697		0.683	0.739	15.10
7) T	Trichlorofluor...	1.700	1.536	1.642	1.686	1.400	1.644	1.601	7.15
8) T	Diethyl Ether	0.895	0.684	0.671	0.671	0.550	0.704	0.696	16.06
9) T	1,1,2-Trichlor...	0.826	0.771	0.745	0.769	0.658	0.775	0.757	7.36
10) T	Methyl Iodide		0.596	0.719	0.896	0.797	0.662	0.734	15.96
11) T	Tert butyl alc...		0.423	0.328	0.280	0.233	0.365	0.326	22.61
12) CM	1,1-Dichloroet...	0.818	0.663	0.665	0.738	0.617	0.688	0.698	10.13#
13) T	Acrolein		0.194	0.140	0.130	0.103	0.140	0.142	23.23
14) T	Allyl chloride	1.782	1.598	1.501	1.554	1.278	1.542	1.542	10.55
15) T	Acrylonitrile	0.648	0.524	0.584	0.572	0.474	0.595	0.566	10.63
16) T	Acetone	0.649	0.499	0.522	0.514	0.424	0.535	0.524	13.86
17) T	Carbon Disulfide	1.644	1.299	1.339	1.894	1.643	1.335	1.526	15.68
18) T	Methyl Acetate	1.714	1.517	1.626	1.540	1.269	1.657	1.554	10.15
19) T	Methyl tert-bu...	3.836	3.052	3.295	3.302	2.732	3.180	3.233	11.23
20) T	Methylene Chlo...	1.567	0.946	0.894	0.920	0.778	0.933	1.006	27.96
21) T	trans-1,2-Dich...	1.162	0.801	0.785	0.883	0.751	0.845	0.871	17.21
22) T	Diisopropyl ether	3.553	3.227	3.305	3.241	2.652	3.386	3.227	9.48
23) T	Vinyl Acetate	2.841	2.503	2.770	2.838	2.335	2.805	2.682	7.90
24) P	1,1-Dichloroet...	1.818	1.653	1.746	1.750	1.444	1.751	1.694	7.86
25) T	2-Butanone	1.038	0.807	0.872	0.858	0.703	0.907	0.864	12.81
26) T	2,2-Dichloropr...	1.800	1.579	1.607	1.640	1.360	1.654	1.607	8.90
27) T	cis-1,2-Dichlo...	1.223	0.977	0.978	1.042	0.899	1.052	1.028	10.69
28) T	Bromochloromet...	0.854	0.900	0.836	0.749	0.612	0.787	0.789	12.89
29) T	Tetrahydrofuran	0.662	0.479	0.540	0.541	0.446	0.543	0.535	13.77
30) C	Chloroform	1.985	1.721	1.803	1.866	1.558	1.829	1.793	8.03#
31) T	Cyclohexane		1.306	1.315	1.470	1.210	1.291	1.319	7.14
32) T	1,1,1-Trichlor...	1.779	1.478	1.606	1.707	1.435	1.637	1.607	8.19
33) S	1,2-Dichloroet...		1.350	1.399	1.195	1.052	1.140	1.227	11.81
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.522	0.594	0.551	0.524	0.496	0.537	6.96
36) T	1,1-Dichloropr...	0.834	0.685	0.711	0.795	0.686	0.703	0.736	8.58
37) T	Ethyl Acetate	1.088	0.902	0.972	1.004	0.857	0.977	0.967	8.32
38) T	Carbon Tetrach...	0.822	0.715	0.799	0.892	0.802	0.768	0.800	7.36
39) T	Methylcyclohexane	0.792	0.764	0.787	0.939	0.821	0.759	0.810	8.26
40) TM	Benzene	2.164	1.940	2.161	2.321	2.004	2.084	2.112	6.38
41) T	Methacrylonitrile	0.634	0.454	0.539	0.537	0.458	0.520	0.524	12.60
42) TM	1,2-Dichloroet...	0.809	0.815	0.901	0.924	0.796	0.868	0.852	6.22
43) T	Isopropyl Acetate	1.883	1.502	1.696	1.684	1.433	1.703	1.650	9.76
44) TM	Trichloroethene	0.583	0.483	0.529	0.593	0.529	0.515	0.539	7.79
45) C	1,2-Dichloropr...	0.594	0.536	0.601	0.619	0.530	0.590	0.578	6.32#
46) T	Dibromomethane	0.431	0.373	0.413	0.442	0.391	0.411	0.410	6.17
47) T	Bromodichlorom...	0.885	0.772	0.884	0.915	0.810	0.852	0.853	6.27
48) T	Methyl methacr...	0.849	0.701	0.773	0.777	0.661	0.746	0.751	8.71
49) T	1,4-Dioxane	0.016	0.014	0.015	0.016	0.014	0.016	0.015	7.16
50) S	Toluene-d8		1.982	2.299	2.083	1.947	1.770	2.016	9.65
51) T	4-Methyl-2-Pen...	1.066	0.929	1.051	1.039	0.879	1.054	1.003	7.84
52) CM	Toluene	1.338	1.151	1.387	1.510	1.324	1.308	1.336	8.73#
53) T	t-1,3-Dichloro...	0.944	0.887	0.997	1.046	0.919	0.967	0.960	5.91
54) T	cis-1,3-Dichlo...	1.071	0.885	1.004	1.063	0.928	0.969	0.987	7.52
55) T	1,1,2-Trichlor...	0.621	0.524	0.602	0.634	0.557	0.602	0.590	7.03
56) T	Ethyl methacry...	0.939	0.875	0.999	1.040	0.905	0.972	0.955	6.41

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57)	T	1,3-Dichloropr...	1.049	0.945	1.038	1.081	0.934	1.034	1.014	5.91
58)	T	2-Chloroethyl ...	0.428	0.460	0.469	0.478	0.381	0.453	0.445	8.00
59)	T	2-Hexanone	0.828	0.722	0.792	0.790	0.657	0.804	0.766	8.31
60)	T	Dibromochlorom...	0.612	0.566	0.643	0.727	0.651	0.617	0.636	8.45
61)	T	1,2-Dibromoethane	0.577	0.524	0.638	0.694	0.606	0.591	0.605	9.49
62)	S	4-Bromofluorob...	0.709	0.835	0.780	0.728	0.638	0.738	10.09	
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.478	0.416	0.447	0.509	0.454	0.438	0.457	7.15
65)	PM	Chlorobenzene	1.349	1.211	1.339	1.462	1.290	1.294	1.324	6.30
66)	T	1,1,1,2-Tetrac...	0.488	0.492	0.531	0.582	0.515	0.523	0.522	6.50
67)	C	Ethyl Benzene	2.271	2.217	2.463	2.649	2.344	2.447	2.399	6.50#
68)	T	m/p-Xylenes	0.828	0.825	0.930	1.028	0.934	0.919	0.911	8.34
69)	T	o-Xylene	0.923	0.843	0.945	1.018	0.915	0.907	0.925	6.13
70)	T	Styrene	1.370	1.373	1.560	1.707	1.544	1.472	1.504	8.51
71)	P	Bromoform	0.400	0.353	0.405	0.488	0.445	0.402	0.415	11.05
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.833	3.580	3.746	3.812	3.471	3.716	3.693	3.81
74)	T	N-amyl acetate	2.033	1.837	1.854	1.783	1.563	1.946	1.836	8.73
75)	P	1,1,2,2-Tetrac...	1.509	1.309	1.347	1.269	1.113	1.417	1.327	10.18
76)	T	1,2,3-Trichlor...	1.258	1.268	1.332	1.241	1.068	1.395	1.260	8.74
77)	T	Bromobenzene	0.869	0.769	0.839	0.922	0.838	0.816	0.842	6.10
78)	T	n-propylbenzene	4.500	4.131	4.434	4.481	4.054	4.404	4.334	4.42
79)	T	2-Chlorotoluene	2.975	2.575	2.687	2.627	2.384	2.664	2.652	7.23
80)	T	1,3,5-Trimethy...	3.072	2.891	3.196	3.276	2.960	3.169	3.094	4.77
81)	T	trans-1,4-Dich...	0.440	0.476	0.471	0.418	0.472	0.455	0.455	5.52
82)	T	4-Chlorotoluene	3.125	2.958	3.138	3.110	2.801	3.107	3.040	4.42
83)	T	tert-Butylbenzene	3.159	2.891	3.168	3.273	2.963	3.121	3.096	4.58
84)	T	1,2,4-Trimethy...	3.069	2.908	3.199	3.244	2.941	3.090	3.075	4.36
85)	T	sec-Butylbenzene	3.858	3.650	4.053	4.093	3.716	3.887	3.876	4.55
86)	T	p-Isopropyltol...	3.002	2.917	3.290	3.436	3.156	3.152	3.159	5.96
87)	T	1,3-Dichlorobe...	1.606	1.480	1.600	1.759	1.600	1.588	1.605	5.55
88)	T	1,4-Dichlorobe...	1.676	1.550	1.653	1.760	1.596	1.664	1.650	4.35
89)	T	n-Butylbenzene	2.671	2.675	2.904	2.994	2.765	2.796	2.801	4.57
90)	T	Hexachloroethane	0.647	0.588	0.636	0.667	0.614	0.633	0.631	4.34
91)	T	1,2-Dichlorobe...	1.672	1.574	1.661	1.727	1.537	1.636	1.634	4.22
92)	T	1,2-Dibromo-3-...	0.472	0.327	0.339	0.329	0.292	0.347	0.351	17.79
93)	T	1,2,4-Trichlor...	0.785	0.849	0.882	0.999	0.951	0.844	0.885	8.80
94)	T	Hexachlorobuta...	0.352	0.315	0.334	0.372	0.364	0.335	0.345	6.12
95)	T	Naphthalene	3.672	3.288	3.619	3.874	3.604	3.517	3.596	5.34
96)	T	1,2,3-Trichlor...	1.018	0.864	0.900	1.032	0.988	0.885	0.948	7.72

(#) = Out of Range