

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X112024W.M
 Title : SW846 8260
 Last Update : Fri Nov 22 00:18:05 2024
 Response Via : Initial Calibration

Calibration Files

1 =VX043925.D 5 =VX043926.D 20 =VX043927.D 50 =VX043919.D 100 =VX043929.D 150 =VX043930.

D

Compound		1	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.634	0.633	0.641	0.548	0.601	0.608	0.611	5.65
3) P	Chloromethane	0.578	0.662	0.720	0.656	0.665	0.677	0.660	6.98
4) C	Vinyl Chloride	0.675	0.708	0.730	0.588	0.695	0.684	0.680	7.18#
5) T	Bromomethane		0.425	0.438	0.305	0.429	0.442	0.408	14.19
6) T	Chloroethane	0.579	0.429	0.404	0.272	0.368	0.354	0.401	25.55
7) T	Trichlorofluor...	1.038	1.267	1.335	0.931	1.281	1.328	1.197	14.19
8) T	Diethyl Ether	0.477	0.430	0.470	0.341	0.455	0.467	0.440	11.59
9) T	1,1,2-Trichlor...	0.592	0.585	0.605	0.536	0.589	0.599	0.584	4.25
10) T	Methyl Iodide		0.656	0.782	0.778	0.773	0.755	0.749	7.05
11) T	Tert butyl alc...		0.154	0.133	0.116	0.134	0.154	0.138	11.67
12) CM	1,1-Dichloroet...	0.596	0.530	0.585	0.541	0.572	0.576	0.566	4.55#
13) T	Acrolein		0.158	0.128	0.144	0.145	0.148	0.145	7.56
14) T	Allyl chloride	0.796	0.854	0.964	0.922	0.998	0.993	0.921	8.85
15) T	Acrylonitrile	0.301	0.322	0.343	0.325	0.332	0.345	0.328	4.92
16) T	Acetone	0.401	0.396	0.401	0.302	0.370	0.370	0.373	10.20
17) T	Carbon Disulfide	1.082	0.956	1.078	1.135	1.330	1.398	1.163	14.42
18) T	Methyl Acetate	0.931	0.871	0.911	0.833	0.894	0.910	0.892	3.95
19) T	Methyl tert-bu...	1.732	1.991	2.212	1.993	2.160	2.192	2.047	8.91
20) T	Methylene Chlo...	0.704	0.656	0.684	0.629	0.643	0.655	0.662	4.15
21) T	trans-1,2-Dich...	0.545	0.563	0.609	0.581	0.600	0.619	0.586	4.86
22) T	Diisopropyl ether	1.638	1.930	2.170	1.901	2.071	2.106	1.969	9.77
23) T	Vinyl Acetate	1.244	1.542	1.833	1.608	1.858	1.914	1.666	15.25
24) P	1,1-Dichloroet...	0.980	1.118	1.221	1.112	1.185	1.208	1.137	7.89
25) T	2-Butanone	0.448	0.486	0.538	0.449	0.500	0.510	0.489	7.26
26) T	2,2-Dichloropr...	0.902	0.997	1.062	0.905	1.082	1.109	1.009	8.91
27) T	cis-1,2-Dichlo...	0.674	0.673	0.761	0.718	0.745	0.767	0.723	5.80
28) T	Bromochloromet...	0.501	0.611	0.482	0.457	0.500	0.523	0.512	10.37
29) T	Tetrahydrofuran	0.286	0.312	0.319	0.286	0.303	0.311	0.303	4.60
30) C	Chloroform	1.070	1.238	1.309	1.146	1.269	1.293	1.221	7.68#
31) T	Cyclohexane		0.911	0.976	0.874	0.926	0.925	0.922	3.97
32) T	1,1,1-Trichlor...	0.873	1.005	1.133	1.003	1.119	1.149	1.047	10.21
33) S	1,2-Dichloroet...		0.926	0.876	0.782	0.855	0.880	0.864	6.07
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.371	0.353	0.341	0.359	0.376	0.360	3.96
36) T	1,1-Dichloropr...	0.382	0.430	0.449	0.407	0.452	0.465	0.431	7.18
37) T	Ethyl Acetate	0.509	0.460	0.549	0.473	0.539	0.552	0.514	7.79
38) T	Carbon Tetrach...	0.439	0.466	0.491	0.437	0.520	0.528	0.480	8.19
39) T	Methylcyclohexane	0.544	0.556	0.564	0.518	0.574	0.576	0.555	3.91
40) TM	Benzene	1.211	1.369	1.457	1.331	1.388	1.402	1.360	6.14
41) T	Methacrylonitrile	0.235	0.278	0.292	0.258	0.291	0.289	0.274	8.38
42) TM	1,2-Dichloroet...	0.499	0.546	0.585	0.476	0.551	0.558	0.536	7.50
43) T	Isopropyl Acetate	0.745	0.840	0.893	0.739	0.894	0.928	0.840	9.66
44) TM	Trichloroethene	0.547	0.372	0.368	0.324	0.345	0.352	0.385	21.16
45) C	1,2-Dichloropr...	0.288	0.322	0.361	0.322	0.346	0.350	0.331	7.96#
46) T	Dibromomethane	0.239	0.240	0.280	0.243	0.276	0.284	0.260	8.29
47) T	Bromodichlorom...	0.349	0.425	0.501	0.454	0.528	0.545	0.467	15.69
48) T	Methyl methacr...	0.290	0.385	0.423	0.360	0.427	0.443	0.388	14.68
49) T	1,4-Dioxane	0.006	0.006	0.006	0.006	0.006	0.007	0.006	10.53
50) S	Toluene-d8		1.327	1.237	1.181	1.232	1.257	1.247	4.25
51) T	4-Methyl-2-Pen...	0.437	0.527	0.562	0.474	0.539	0.548	0.515	9.42
52) CM	Toluene	0.636	0.839	0.883	0.812	0.850	0.852	0.812	11.00#
53) T	t-1,3-Dichloro...	0.341	0.413	0.507	0.469	0.549	0.570	0.475	18.22
54) T	cis-1,3-Dichlo...	0.409	0.462	0.569	0.506	0.580	0.601	0.521	14.44
55) T	1,1,2-Trichlor...	0.287	0.340	0.375	0.322	0.340	0.345	0.335	8.63

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56)	T	Ethyl methacry...	0.379	0.467	0.571	0.527	0.582	0.590	0.519	15.91
57)	T	1,3-Dichloropr...	0.480	0.574	0.620	0.547	0.579	0.585	0.564	8.38
58)	T	2-Chloroethyl ...	0.159	0.327	0.276	0.258	0.284	0.287	0.265	21.46
59)	T	2-Hexanone	0.297	0.393	0.431	0.356	0.410	0.419	0.384	13.09
60)	T	Dibromochlorom...	0.249	0.292	0.344	0.330	0.380	0.401	0.333	16.92
61)	T	1,2-Dibromoethane	0.258	0.339	0.373	0.330	0.358	0.367	0.337	12.57
62)	S	4-Bromofluorob...	0.401	0.414	0.421	0.438	0.455	0.426		5.00
-----ISTD-----										
63)	I	Chlorobenzene-d5								
64)	T	Tetrachloroethene	0.304	0.342	0.336	0.320	0.315	0.332	0.325	4.36
65)	PM	Chlorobenzene	1.050	1.109	1.107	1.063	1.069	1.108	1.085	2.43
66)	T	1,1,1,2-Tetrac...	0.260	0.332	0.371	0.358	0.382	0.396	0.350	14.02
67)	C	Ethyl Benzene	1.579	1.831	1.910	1.828	1.884	1.938	1.828	7.09#
68)	T	m/p-Xylenes	0.610	0.663	0.704	0.693	0.700	0.725	0.682	5.98
69)	T	o-Xylene	0.543	0.665	0.691	0.682	0.693	0.716	0.665	9.34
70)	T	Styrene	0.859	1.025	1.174	1.162	1.186	1.217	1.104	12.41
71)	P	Bromoform	0.145	0.200	0.222	0.246	0.286	0.306	0.234	25.09
-----ISTD-----										
72)	I	1,4-Dichlorobenzen...								
73)	T	Isopropylbenzene	3.435	3.927	3.996	3.629	3.679	3.927	3.765	5.82
74)	T	N-amyl acetate	1.249	1.648	1.867	1.615	1.895	2.029	1.717	16.18
75)	P	1,1,2,2-Tetrac...	1.198	1.356	1.375	1.228	1.260	1.314	1.289	5.53
76)	T	1,2,3-Trichlor...	0.863	1.246	1.153	1.018	1.053	1.084	1.069	12.10
77)	T	Bromobenzene	0.794	0.958	0.955	0.885	0.883	0.936	0.902	6.91
78)	T	n-propylbenzene	3.667	4.115	4.469	4.131	4.286	4.486	4.192	7.21
79)	T	2-Chlorotoluene	2.487	2.766	2.868	2.562	2.581	2.726	2.665	5.43
80)	T	1,3,5-Trimethy...	2.704	3.115	3.352	3.048	3.118	3.238	3.096	7.11
81)	T	trans-1,4-Dich...	0.298	0.374	0.376	0.423	0.471	0.388		16.54
82)	T	4-Chlorotoluene	2.660	3.005	3.187	2.942	3.025	3.180	3.000	6.45
83)	T	tert-Butylbenzene	2.581	3.097	3.266	3.073	3.152	3.269	3.073	8.28
84)	T	1,2,4-Trimethy...	2.557	3.173	3.366	3.116	3.124	3.228	3.094	9.01
85)	T	sec-Butylbenzene	3.116	3.921	3.968	3.712	3.812	3.974	3.750	8.71
86)	T	p-Isopropyltol...	2.255	3.043	3.316	3.149	3.219	3.362	3.057	13.40
87)	T	1,3-Dichlorobe...	1.580	1.656	1.701	1.624	1.623	1.696	1.647	2.85
88)	T	1,4-Dichlorobe...	1.580	1.638	1.706	1.603	1.650	1.710	1.648	3.20
89)	T	n-Butylbenzene	1.897	2.580	2.805	2.624	2.909	3.126	2.657	15.89
90)	T	Hexachloroethane	0.450	0.443	0.496	0.494	0.581	0.625	0.515	14.20
91)	T	1,2-Dichlorobe...	1.506	1.733	1.723	1.645	1.642	1.740	1.665	5.36
92)	T	1,2-Dibromo-3-...	0.213	0.254	0.252	0.247	0.275	0.304	0.258	11.83
93)	T	1,2,4-Trichlor...	0.849	0.905	0.987	0.981	1.012	1.125	0.976	9.71
94)	T	Hexachlorobuta...	0.382	0.384	0.376	0.373	0.384	0.419	0.386	4.29
95)	T	Naphthalene	2.605	3.361	3.698	3.740	3.733	4.058	3.532	14.30
96)	T	1,2,3-Trichlor...	0.753	0.960	1.055	1.030	1.018	1.130	0.991	13.03

(#) = Out of Range