

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X072522W.M
 Title : SW846 8260
 Last Update : Mon Jul 25 16:49:17 2022
 Response Via : Initial Calibration

Calibration Files

1 =VX030187.D 5 =VX030188.D 20 =VX030194.D 50 =VX030191.D 100 =VX030192.D 10 =VX030189.D

	Compound	1	5	20	50	100	10	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.832	0.729	0.747	0.874	0.817	0.923	0.820	9.01
3) P	Chloromethane	0.832	0.823	0.809	0.809	0.747	0.847	0.811	4.25
4) C	Vinyl Chloride	0.907	0.815	0.801	0.813	0.766	0.811	0.819	5.73#
5) T	Bromomethane		0.364	0.323	0.301	0.267	0.521	0.355	27.93
6) T	Chloroethane	0.512	0.458	0.475	0.457	0.442	0.477	0.470	5.15
7) T	Trichlorofluor...	1.028	1.093	1.112	1.076	1.039	1.126	1.079	3.65
8) T	Diethyl Ether	0.452	0.414	0.423	0.413	0.384	0.450	0.422	6.07
9) T	1,1,2-Trichlor...	0.909	0.787	0.808	0.771	0.724	0.795	0.799	7.64
10) T	Methyl Iodide		0.565	0.644	0.854	0.776	0.642	0.696	16.73
11) T	Tert butyl alc...		0.255	0.251	0.245	0.233	0.242	0.245	3.44
12) CM	1,1-Dichloroet...	0.829	0.779	0.798	0.778	0.704	0.798	0.781	5.36#
13) T	Acrolein		0.098	0.038	0.055	0.049	0.062	0.060	37.75
14) T	Allyl chloride	1.905	1.570	1.587	1.553	1.473	1.582	1.612	9.29
15) T	Acrylonitrile	0.610	0.627	0.608	0.617	0.553	0.620	0.606	4.40
16) T	Acetone	0.572	0.524	0.505	0.506	0.457	0.523	0.515	7.24
17) T	Carbon Disulfide	2.438	2.040	2.102	2.064	1.940	2.066	2.108	8.09
18) T	Methyl Acetate	1.698	1.625	1.536	1.446	1.307	1.519	1.522	8.99
19) T	Methyl tert-bu...	2.742	2.631	2.707	2.753	2.523	2.698	2.676	3.22
20) T	Methylene Chlo...	2.162	1.160	0.958	0.946	0.844	1.034	1.184	41.44
21) T	trans-1,2-Dich...	0.907	0.896	0.889	0.854	0.780	0.847	0.862	5.45
22) T	Diisopropyl ether	3.076	2.984	3.088	3.166	2.946	3.038	3.050	2.58
23) T	Vinyl Acetate	2.536	2.537	2.694	2.821	2.603	2.681	2.645	4.14
24) P	1,1-Dichloroet...	1.731	1.649	1.655	1.598	1.476	1.614	1.620	5.22
25) T	2-Butanone	0.892	0.858	0.874	0.883	0.808	0.873	0.865	3.46
26) T	2,2-Dichloropr...	1.261	1.127	1.229	1.104	1.167	1.143	1.172	5.21
27) T	cis-1,2-Dichlo...	1.085	1.035	1.023	1.001	0.931	1.008	1.014	4.97
28) T	Bromochloromet...	0.830	0.647	0.642	0.659	0.656	0.673	0.685	10.55
29) T	Tetrahydrofuran	0.614	0.581	0.573	0.588	0.548	0.587	0.582	3.70
30) C	Chloroform	1.651	1.636	1.614	1.601	1.501	1.623	1.604	3.35#
31) T	Cyclohexane		1.441	1.511	1.465	1.408	1.471	1.459	2.60
32) T	1,1,1-Trichlor...	1.349	1.308	1.320	1.319	1.235	1.294	1.304	2.94
33) S	1,2-Dichloroet...		1.153	0.937	1.021	0.974	0.940	1.005	8.91
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.518	0.462	0.487	0.468	0.454	0.478	5.33
36) T	1,1-Dichloropr...	0.694	0.671	0.705	0.689	0.657	0.712	0.688	3.04
37) T	Ethyl Acetate	1.116	0.908	0.985	0.962	0.898	0.976	0.974	8.01
38) T	Carbon Tetrach...	0.638	0.631	0.655	0.646	0.617	0.666	0.642	2.69
39) T	Methylcyclohexane	0.962	0.842	0.941	0.854	0.877	0.850	0.888	5.76
40) TM	Benzene	2.216	2.190	2.251	2.178	2.000	2.150	2.164	4.04
41) T	Methacrylonitrile	0.537	0.527	0.528	0.532	0.508	0.501	0.522	2.72
42) TM	1,2-Dichloroet...	0.833	0.735	0.767	0.747	0.687	0.718	0.748	6.68
43) T	Isopropyl Acetate	1.423	1.422	1.468	1.452	1.380	1.423	1.428	2.13
44) TM	Trichloroethene	0.688	0.593	0.591	0.563	0.535	0.578	0.591	8.77
45) C	1,2-Dichloropr...	0.610	0.571	0.587	0.570	0.555	0.570	0.577	3.26#
46) T	Dibromomethane	0.441	0.376	0.400	0.381	0.356	0.401	0.393	7.42
47) T	Bromodichlorom...	0.779	0.676	0.724	0.716	0.691	0.695	0.714	5.10
48) T	Methyl methacr...	0.707	0.668	0.718	0.719	0.701	0.703	0.703	2.64
49) T	1,4-Dioxane	0.016	0.017	0.017	0.016	0.015	0.016	0.016	4.58
50) S	Toluene-d8		1.941	1.811	1.924	1.891	1.688	1.851	5.62
51) T	4-Methyl-2-Pen...	0.968	0.942	0.998	0.990	0.952	0.967	0.969	2.23
52) CM	Toluene	1.339	1.291	1.351	1.350	1.268	1.324	1.320	2.57#
53) T	t-1,3-Dichloro...	0.757	0.693	0.794	0.792	0.840	0.739	0.769	6.67
54) T	cis-1,3-Dichlo...	0.845	0.798	0.868	0.855	0.860	0.804	0.838	3.58
55) T	1,1,2-Trichlor...	0.555	0.557	0.581	0.564	0.542	0.573	0.562	2.43
56) T	Ethyl methacry...	0.812	0.869	0.919	0.932	0.928	0.872	0.889	5.24

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57)	T	1,3-Dichloropr...	0.957	0.914	0.949	0.921	0.908	0.919	0.928	2.16
58)	T	2-Chloroethyl ...	0.408	0.408	0.422	0.484	0.474	0.450	0.441	7.59
59)	T	2-Hexanone	0.735	0.738	0.798	0.795	0.777	0.747	0.765	3.73
60)	T	Dibromochlorom...	0.501	0.491	0.536	0.542	0.550	0.502	0.520	4.86
61)	T	1,2-Dibromoethane	0.613	0.585	0.601	0.590	0.575	0.557	0.587	3.31
62)	S	4-Bromofluorob...	0.693	0.674	0.726	0.768	0.575	0.687	10.51	
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.602	0.555	0.530	0.526	0.466	0.550	0.538	8.27
65)	PM	Chlorobenzene	1.504	1.362	1.370	1.345	1.222	1.347	1.358	6.59
66)	T	1,1,1,2-Tetrac...	0.481	0.436	0.475	0.477	0.445	0.456	0.462	4.06
67)	C	Ethyl Benzene	2.458	2.347	2.514	2.462	3.801	2.374	2.659	21.15#
68)	T	m/p-Xylenes	0.870	0.894	0.970	0.950	0.932	0.904	0.920	4.07
69)	T	o-Xylene	0.883	0.900	0.955	0.933	0.852	0.919	0.907	4.06
70)	T	Styrene	1.372	1.442	1.610	1.584	1.464	1.467	1.490	6.05
71)	P	Bromoform	0.295	0.326	0.346	0.367	0.372	0.331	0.339	8.47
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.033	3.987	4.007	3.820	3.594	3.981	3.903	4.34
74)	T	N-amyl acetate	1.868	1.815	1.954	1.948	1.923	1.874	1.897	2.86
75)	P	1,1,2,2-Tetrac...	1.514	1.482	1.449	1.361	1.264	1.502	1.429	6.82
76)	T	1,2,3-Trichlor...	1.331	1.354	1.360	1.264	1.236	1.363	1.318	4.16
77)	T	Bromobenzene	0.959	0.946	0.927	0.896	0.829	0.939	0.916	5.19
78)	T	n-propylbenzene	4.701	4.643	4.813	4.666	4.403	4.726	4.659	2.97
79)	T	2-Chlorotoluene	2.951	2.828	2.916	2.768	3.345	2.843	2.942	7.07
80)	T	1,3,5-Trimethy...	3.233	3.301	3.438	3.259	3.071	3.308	3.268	3.67
81)	T	trans-1,4-Dich...	0.412	0.444	0.457	0.479	0.405	0.439	7.01	
82)	T	4-Chlorotoluene	3.400	3.231	3.326	3.166	3.002	3.161	3.214	4.34
83)	T	tert-Butylbenzene	3.011	3.059	3.173	3.001	2.836	3.096	3.029	3.75
84)	T	1,2,4-Trimethy...	3.173	3.246	3.439	3.322	3.072	3.314	3.261	3.93
85)	T	sec-Butylbenzene	3.883	4.075	4.339	4.186	4.271	4.124	4.146	3.88
86)	T	p-Isopropyltol...	3.086	3.231	3.541	3.339	3.380	3.326	3.317	4.58
87)	T	1,3-Dichlorobe...	2.039	1.764	1.814	1.711	1.627	1.734	1.782	7.89
88)	T	1,4-Dichlorobe...	2.158	1.845	1.837	1.723	1.583	1.737	1.814	10.67
89)	T	n-Butylbenzene	3.016	2.885	3.318	3.157	3.190	2.965	3.088	5.21
90)	T	Hexachloroethane	0.649	0.523	0.568	0.563	0.579	0.544	0.571	7.54
91)	T	1,2-Dichlorobe...	1.877	1.787	1.824	1.704	1.536	1.764	1.749	6.83
92)	T	1,2-Dibromo-3-...	0.397	0.345	0.337	0.329	0.319	0.330	0.343	8.10
93)	T	1,2,4-Trichlor...	1.063	0.989	1.068	0.996	0.970	1.000	1.014	4.05
94)	T	Hexachlorobuta...	0.429	0.394	0.431	0.390	0.396	0.403	0.407	4.47
95)	T	Naphthalene	3.924	3.823	4.131	4.078	3.802	4.011	3.962	3.41
96)	T	1,2,3-Trichlor...	1.082	1.037	1.061	1.025	0.991	1.045	1.040	2.99

(#) = Out of Range