

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X072123W.M
 Title : SW846 8260
 Last Update : Fri Jul 21 12:14:12 2023
 Response Via : Initial Calibration

Calibration Files

1 =VX036600.D 5 =VX036601.D 20 =VX036602.D 50 =VX036603.D 100 =VX036604.D 150 =VX036605.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.791	0.682	0.646	0.629	0.619	0.595	0.661	10.66
3) P	Chloromethane	0.708	0.637	0.609	0.573	0.541	0.537	0.601	10.84
4) C	Vinyl Chloride	0.614	0.644	0.620	0.607	0.601	0.584	0.612	3.29#
5) T	Bromomethane		0.410	0.357	0.353	0.355	0.352	0.365	6.84
6) T	Chloroethane	0.321	0.316	0.333	0.311	0.264	0.239	0.297	12.49
7) T	Trichlorofluor...	0.953	0.988	0.957	0.937	0.949	0.884	0.945	3.62
8) T	Diethyl Ether	0.434	0.375	0.349	0.343	0.353	0.339	0.365	9.79
9) T	1,1,2-Trichlor...	0.555	0.582	0.573	0.564	0.582	0.548	0.567	2.46
10) T	Methyl Iodide		0.514	0.589	0.626	0.626	0.592	0.589	7.77
11) T	Tert butyl alc...		0.184	0.195	0.174	0.165	0.159	0.175	8.30
12) CM	1,1-Dichloroet...	0.596	0.571	0.550	0.548	0.560	0.533	0.560	3.90#
13) T	Acrolein		0.112	0.097	0.096	0.097	0.097	0.100	6.92
14) T	Allyl chloride	1.203	1.140	1.103	1.080	1.084	1.005	1.102	5.99
15) T	Acrylonitrile	0.362	0.355	0.379	0.357	0.336	0.324	0.352	5.51
16) T	Acetone	0.342	0.300	0.349	0.299	0.281	0.271	0.307	10.39
17) T	Carbon Disulfide	1.655	1.634	1.547	1.507	1.496	1.433	1.545	5.54
18) T	Methyl Acetate	1.319	1.286	1.372	1.304	1.246	1.222	1.291	4.14
19) T	Methyl tert-bu...	2.165	2.163	2.071	2.113	2.116	1.995	2.104	3.03
20) T	Methylene Chlo...	0.867	0.700	0.648	0.643	0.631	0.607	0.683	13.99
21) T	trans-1,2-Dich...	0.687	0.644	0.619	0.609	0.615	0.582	0.626	5.73
22) T	Diisopropyl ether	2.220	2.194	2.124	2.080	2.042	1.898	2.093	5.57
23) T	Vinyl Acetate	1.620	1.692	1.651	1.634	1.578	1.459	1.606	5.04
24) P	1,1-Dichloroet...	1.179	1.199	1.176	1.175	1.187	1.126	1.174	2.14
25) T	2-Butanone	0.505	0.494	0.556	0.503	0.473	0.458	0.498	6.81
26) T	2,2-Dichloropr...	1.176	1.136	1.110	1.087	1.098	1.028	1.106	4.49
27) T	cis-1,2-Dichlo...	0.816	0.743	0.731	0.725	0.738	0.706	0.743	5.09
28) T	Bromochloromet...	0.571	0.630	0.570	0.572	0.544	0.519	0.568	6.56
29) T	Tetrahydrofuran	0.325	0.321	0.354	0.326	0.305	0.295	0.321	6.31
30) C	Chloroform	1.250	1.213	1.201	1.185	1.207	1.148	1.201	2.82#
31) T	Cyclohexane		1.077	1.049	1.013	1.020	0.962	1.024	4.23
32) T	1,1,1-Trichlor...	1.131	1.138	1.104	1.089	1.092	1.047	1.100	3.00
33) S	1,2-Dichloroet...		0.887	0.674	0.723	0.723	0.692	0.740	11.45
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.400	0.319	0.334	0.338	0.327	0.344	9.46
36) T	1,1-Dichloropr...	0.521	0.527	0.517	0.501	0.517	0.490	0.512	2.71
37) T	Ethyl Acetate	0.587	0.591	0.613	0.584	0.562	0.541	0.580	4.28
38) T	Carbon Tetrach...	0.565	0.544	0.541	0.539	0.552	0.526	0.545	2.44
39) T	Methylcyclohexane	0.655	0.648	0.645	0.629	0.635	0.609	0.637	2.59
40) TM	Benzene	1.521	1.551	1.498	1.486	1.483	1.403	1.490	3.33
41) T	Methacrylonitrile	0.293	0.314	0.331	0.315	0.311	0.296	0.310	4.52
42) TM	1,2-Dichloroet...	0.539	0.560	0.543	0.549	0.549	0.529	0.545	1.92
43) T	Isopropyl Acetate	1.090	1.009	1.001	0.988	0.970	0.930	0.998	5.33
44) TM	Trichloroethene	0.394	0.402	0.387	0.387	0.391	0.376	0.390	2.21
45) C	1,2-Dichloropr...	0.416	0.406	0.392	0.395	0.397	0.382	0.398	2.96#
46) T	Dibromomethane	0.290	0.287	0.271	0.277	0.277	0.269	0.278	2.94
47) T	Bromodichlorom...	0.577	0.594	0.564	0.571	0.572	0.552	0.572	2.43
48) T	Methyl methacr...	0.475	0.463	0.480	0.471	0.457	0.438	0.464	3.24
49) T	1,4-Dioxane	0.009	0.010	0.011	0.009	0.009	0.008	0.009	10.05
50) S	Toluene-d8		1.387	1.156	1.216	1.198	1.137	1.219	8.13
51) T	4-Methyl-2-Pen...	0.565	0.585	0.611	0.568	0.510	0.475	0.552	9.15
52) CM	Toluene	0.951	0.956	0.950	0.939	0.925	0.881	0.934	3.01#
53) T	t-1,3-Dichloro...	0.624	0.659	0.645	0.660	0.657	0.632	0.646	2.33
54) T	cis-1,3-Dichlo...	0.692	0.695	0.681	0.685	0.684	0.653	0.682	2.18
55) T	1,1,2-Trichlor...	0.447	0.393	0.380	0.389	0.380	0.365	0.393	7.26
56) T	Ethyl methacry...	0.640	0.658	0.644	0.660	0.634	0.600	0.639	3.40

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57)	T	1,3-Dichloropr...	0.642	0.683	0.655	0.666	0.653	0.624	0.654	3.10
58)	T	2-Chloroethyl ...	0.301	0.331	0.343	0.317	0.309	0.288	0.315	6.40
59)	T	2-Hexanone	0.408	0.425	0.469	0.422	0.380	0.355	0.410	9.62
60)	T	Dibromochlorom...	0.441	0.437	0.423	0.442	0.430	0.417	0.431	2.35
61)	T	1,2-Dibromoethane	0.407	0.419	0.411	0.412	0.402	0.390	0.407	2.44
62)	S	4-Bromofluorob...		0.495	0.444	0.477	0.450	0.433	0.460	5.57
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.384	0.387	0.374	0.370	0.375	0.347	0.373	3.82
65)	PM	Chlorobenzene	1.130	1.131	1.107	1.100	1.102	1.044	1.102	2.88
66)	T	1,1,1,2-Tetrac...	0.417	0.435	0.427	0.424	0.439	0.413	0.426	2.34
67)	C	Ethyl Benzene	2.057	2.068	2.055	2.010	2.012	1.878	2.013	3.50#
68)	T	m/p-Xylenes	0.747	0.773	0.776	0.759	0.746	0.705	0.751	3.44
69)	T	o-Xylene	0.739	0.785	0.769	0.763	0.742	0.701	0.750	3.89
70)	T	Styrene	1.219	1.267	1.272	1.265	1.239	1.161	1.237	3.44
71)	P	Bromoform	0.327	0.355	0.351	0.356	0.354	0.326	0.345	4.21
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.239	4.339	4.179	4.042	4.113	3.916	4.138	3.60
74)	T	N-amyl acetate	2.037	2.062	1.948	1.902	1.857	1.772	1.930	5.69
75)	P	1,1,2,2-Tetrac...	1.619	1.453	1.389	1.346	1.311	1.268	1.398	8.99
76)	T	1,2,3-Trichlor...	1.323	1.215	1.209	1.162	1.108	1.038	1.176	8.34
77)	T	Bromobenzene	0.914	1.003	0.940	0.944	0.945	0.907	0.942	3.61
78)	T	n-propylbenzene	4.799	4.938	4.867	4.764	4.777	4.569	4.786	2.60
79)	T	2-Chlorotoluene	3.081	3.033	2.889	2.832	2.845	2.720	2.900	4.64
80)	T	1,3,5-Trimethy...	3.519	3.675	3.517	3.429	3.399	3.229	3.462	4.30
81)	T	trans-1,4-Dich...		0.527	0.519	0.526	0.520	0.502	0.519	1.95
82)	T	4-Chlorotoluene	3.510	3.388	3.332	3.250	3.247	3.098	3.304	4.25
83)	T	tert-Butylbenzene	3.459	3.585	3.426	3.340	3.337	3.259	3.401	3.38
84)	T	1,2,4-Trimethy...	3.594	3.584	3.537	3.417	3.405	3.234	3.462	3.99
85)	T	sec-Butylbenzene	4.187	4.405	4.323	4.240	4.239	4.053	4.241	2.83
86)	T	p-Isopropyltol...	3.330	3.609	3.598	3.528	3.516	3.358	3.490	3.41
87)	T	1,3-Dichlorobe...	1.713	1.806	1.751	1.742	1.762	1.698	1.745	2.18
88)	T	1,4-Dichlorobe...	1.674	1.794	1.749	1.729	1.746	1.700	1.732	2.42
89)	T	n-Butylbenzene	2.921	3.126	3.211	3.170	3.214	3.103	3.124	3.49
90)	T	Hexachloroethane	0.688	0.710	0.719	0.704	0.719	0.704	0.707	1.62
91)	T	1,2-Dichlorobe...	1.709	1.753	1.699	1.667	1.667	1.611	1.684	2.84
92)	T	1,2-Dibromo-3-...	0.323	0.322	0.332	0.312	0.331	0.329	0.325	2.34
93)	T	1,2,4-Trichlor...	0.930	1.003	1.025	1.046	1.119	1.103	1.038	6.66
94)	T	Hexachlorobuta...	0.427	0.418	0.430	0.417	0.444	0.440	0.429	2.56
95)	T	Naphthalene	3.370	3.594	3.611	3.608	3.802	3.711	3.616	4.00
96)	T	1,2,3-Trichlor...	0.928	0.983	1.008	1.024	1.097	1.096	1.023	6.43

(#) = Out of Range