

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X101725W.M
 Title : SW846 8260
 Last Update : Sat Oct 18 00:06:31 2025
 Response Via : Initial Calibration

Calibration Files

1 =VX048198.D 5 =VX048199.D 20 =VX048200.D 50 =VX048201.D 100 =VX048202.D 150 =VX048203.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.556	0.540	0.466	0.517	0.528	0.542	0.525	6.02
3) P	Chloromethane	0.630	0.705	0.572	0.607	0.639	0.662	0.636	7.19
4) C	Vinyl Chloride	0.633	0.705	0.602	0.673	0.690	0.716	0.670	6.59#
5) T	Bromomethane		0.512	0.411	0.434	0.452	0.418	0.445	9.12
6) T	Chloroethane	0.448	0.443	0.391	0.404	0.441	0.431	0.426	5.47
7) T	Trichlorofluor...	1.065	1.113	0.971	1.030	1.060	1.070	1.052	4.52
8) T	Diethyl Ether	0.370	0.360	0.324	0.348	0.374	0.375	0.359	5.44
9) T	1,1,2-Trichlor...	0.640	0.611	0.536	0.581	0.594	0.594	0.593	5.81
10) T	Methyl Iodide		0.570	0.588	0.744	0.812	0.835	0.710	17.51
11) T	Tert butyl alc...		0.057	0.043	0.049	0.053	0.055	0.051	11.29
12) CM	1,1-Dichloroet...	0.599	0.577	0.519	0.569	0.598	0.615	0.579	5.89#
13) T	Acrolein		0.119	0.099	0.100	0.108	0.114	0.108	8.19
14) T	Allyl chloride	1.031	1.049	0.943	1.016	1.088	1.126	1.042	6.03
15) T	Acrylonitrile	0.184	0.246	0.239	0.257	0.272	0.280	0.246	14.01
16) T	Acetone	0.284	0.287	0.259	0.251	0.254	0.251	0.264	6.33
17) T	Carbon Disulfide	1.832	1.865	1.628	1.745	1.797	1.828	1.783	4.82
18) T	Methyl Acetate	0.508	0.517	0.511	0.542	0.562	0.590	0.538	6.11
19) T	Methyl tert-bu...	1.496	1.702	1.642	1.779	1.885	1.968	1.745	9.75
20) T	Methylene Chlo...	0.609	0.670	0.606	0.636	0.658	0.683	0.644	4.95
21) T	trans-1,2-Dich...	0.544	0.598	0.557	0.614	0.635	0.648	0.599	6.96
22) T	Diisopropyl ether	1.820	2.037	1.933	2.061	2.170	2.223	2.041	7.28
23) T	Vinyl Acetate	1.218	1.448	1.462	1.594	1.687	1.747	1.526	12.60
24) P	1,1-Dichloroet...	1.097	1.216	1.105	1.127	1.186	1.216	1.158	4.73
25) T	2-Butanone	0.275	0.312	0.291	0.314	0.323	0.331	0.308	6.79
26) T	2,2-Dichloropr...	1.031	1.021	0.893	0.950	0.998	1.045	0.990	5.86
27) T	cis-1,2-Dichlo...	0.654	0.727	0.663	0.708	0.747	0.769	0.711	6.42
28) T	Bromochloromet...	0.452	0.569	0.442	0.563	0.574	0.602	0.534	12.90
29) T	Tetrahydrofuran	0.155	0.178	0.169	0.185	0.196	0.202	0.181	9.48
30) C	Chloroform	1.240	1.331	1.133	1.166	1.202	1.242	1.219	5.67#
31) T	Cyclohexane		0.997	0.909	0.925	0.998	0.908	0.947	4.85
32) T	1,1,1-Trichlor...	0.972	1.076	0.958	0.969	1.053	0.981	1.002	5.00
33) S	1,2-Dichloroet...		0.862	0.746	0.732	0.756	0.778	0.775	6.65
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.373	0.341	0.342	0.347	0.332	0.347	4.49
36) T	1,1-Dichloropr...	0.575	0.511	0.425	0.503	0.484	0.435	0.489	11.29
37) T	Ethyl Acetate	0.379	0.358	0.372	0.405	0.414	0.417	0.391	6.26
38) T	Carbon Tetrach...	0.652	0.593	0.507	0.575	0.540	0.499	0.561	10.29
39) T	Methylcyclohexane	0.524	0.560	0.504	0.576	0.577	0.565	0.551	5.49
40) TM	Benzene	1.460	1.511	1.325	1.497	1.483	1.433	1.452	4.67
41) T	Methacrylonitrile	0.174	0.201	0.202	0.228	0.223	0.227	0.209	10.21
42) TM	1,2-Dichloroet...	0.506	0.564	0.495	0.546	0.501	0.508	0.520	5.41
43) T	Isopropyl Acetate	0.589	0.627	0.615	0.697	0.702	0.705	0.656	7.87
44) TM	Trichloroethene	0.372	0.374	0.346	0.367	0.378	0.358	0.366	3.27
45) C	1,2-Dichloropr...	0.354	0.378	0.357	0.377	0.372	0.366	0.367	2.76#
46) T	Dibromomethane	0.274	0.275	0.244	0.268	0.265	0.260	0.264	4.37
47) T	Bromodichlorom...	0.560	0.602	0.544	0.582	0.575	0.564	0.571	3.48
48) T	Methyl methacr...	0.297	0.320	0.318	0.358	0.359	0.364	0.336	8.28
49) T	1,4-Dioxane	0.002	0.003	0.003	0.003	0.003	0.003	0.003	12.92
50) S	Toluene-d8		1.311	1.188	1.262	1.224	1.265	1.250	3.72
51) T	4-Methyl-2-Pen...	0.314	0.354	0.351	0.395	0.390	0.385	0.365	8.51
52) CM	Toluene	0.815	0.874	0.821	0.927	0.902	0.895	0.872	5.18#
53) T	t-1,3-Dichloro...	0.478	0.514	0.502	0.568	0.573	0.578	0.535	7.99
54) T	cis-1,3-Dichlo...	0.505	0.589	0.551	0.617	0.620	0.619	0.583	8.02
55) T	1,1,2-Trichlor...	0.311	0.345	0.309	0.335	0.331	0.322	0.326	4.27
56) T	Ethyl methacry...	0.320	0.410	0.420	0.494	0.502	0.511	0.443	16.76

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57)	T	1,3-Dichloropr...	0.540	0.595	0.540	0.589	0.577	0.572	0.569	4.20
58)	T	2-Chloroethyl ...	0.137	0.188	0.212	0.258	0.285	0.284	0.227	26.00
59)	T	2-Hexanone	0.212	0.255	0.246	0.277	0.273	0.269	0.255	9.47
60)	T	Dibromochlorom...	0.362	0.436	0.389	0.424	0.420	0.414	0.407	6.70
61)	T	1,2-Dibromoethane	0.320	0.340	0.313	0.346	0.344	0.340	0.334	4.12
62)	S	4-Bromofluorob...	0.482	0.429	0.450	0.445	0.470	0.455		4.60
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.427	0.337	0.317	0.350	0.341	0.331	0.351	11.08
65)	PM	Chlorobenzene	1.099	1.113	1.015	1.125	1.113	1.095	1.093	3.65
66)	T	1,1,1,2-Tetrac...	0.447	0.391	0.352	0.394	0.395	0.385	0.394	7.72
67)	C	Ethyl Benzene	1.821	1.847	1.694	1.980	1.969	1.935	1.874	5.83#
68)	T	m/p-Xylenes	0.657	0.687	0.653	0.741	0.733	0.719	0.698	5.48
69)	T	o-Xylene	0.634	0.615	0.599	0.701	0.704	0.691	0.657	7.11
70)	T	Styrene	0.986	1.066	1.070	1.233	1.232	1.202	1.131	9.24
71)	P	Bromoform	0.293	0.297	0.265	0.298	0.293	0.290	0.289	4.33
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.234	3.333	3.211	3.696	3.722	3.670	3.478	6.99
74)	T	N-amyl acetate	1.125	1.161	1.185	1.388	1.456	1.469	1.297	12.15
75)	P	1,1,2,2-Tetrac...	1.040	0.945	0.930	1.015	0.991	0.989	0.985	4.19
76)	T	1,2,3-Trichlor...	0.798	0.716	0.696	0.801	0.787	0.783	0.764	5.97
77)	T	Bromobenzene	0.889	0.844	0.802	0.894	0.896	0.896	0.870	4.48
78)	T	n-propylbenzene	4.098	3.998	3.921	4.451	4.460	4.375	4.217	5.70
79)	T	2-Chlorotoluene	2.547	2.536	2.406	2.602	2.615	2.580	2.548	2.97
80)	T	1,3,5-Trimethy...	2.583	2.731	2.692	3.032	3.077	3.014	2.855	7.37
81)	T	trans-1,4-Dich...	0.243	0.280	0.330	0.349	0.357	0.312		15.71
82)	T	4-Chlorotoluene	2.847	2.922	2.819	3.138	3.133	3.108	2.994	4.96
83)	T	tert-Butylbenzene	2.865	2.743	2.613	2.963	3.066	3.054	2.884	6.24
84)	T	1,2,4-Trimethy...	2.561	2.665	2.695	3.055	3.078	3.002	2.842	8.00
85)	T	sec-Butylbenzene	3.521	3.368	3.253	3.625	3.707	3.679	3.526	5.16
86)	T	p-Isopropyltol...	2.790	2.945	2.738	3.153	3.128	3.078	2.972	5.96
87)	T	1,3-Dichlorobe...	1.722	1.567	1.492	1.681	1.660	1.641	1.628	5.15
88)	T	1,4-Dichlorobe...	1.892	1.678	1.520	1.718	1.663	1.652	1.687	7.14
89)	T	n-Butylbenzene	2.813	2.607	2.456	2.919	2.914	2.900	2.768	6.99
90)	T	Hexachloroethane	0.734	0.615	0.557	0.625	0.615	0.618	0.627	9.25
91)	T	1,2-Dichlorobe...	1.591	1.492	1.397	1.603	1.568	1.574	1.538	5.14
92)	T	1,2-Dibromo-3-...	0.198	0.162	0.164	0.168	0.192	0.196	0.180	9.52
93)	T	1,2,4-Trichlor...	0.939	0.796	0.799	0.937	0.977	0.998	0.908	9.72
94)	T	Hexachlorobuta...	0.465	0.310	0.294	0.346	0.337	0.349	0.350	17.26
95)	T	Naphthalene	1.960	1.863	2.159	2.641	2.824	2.910	2.393	19.04
96)	T	1,2,3-Trichlor...	0.775	0.758	0.736	0.914	0.912	0.930	0.838	10.75

(#) = Out of Range