

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X110725W.M
 Title : SW846 8260
 Last Update : Sat Nov 08 05:08:11 2025
 Response Via : Initial Calibration

Calibration Files

1 =VX048516.D 5 =VX048517.D 20 =VX048518.D 50 =VX048524.D 100 =VX048520.D 150 =VX048521.D

Compound		1	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.365	0.364	0.352	0.424	0.452	0.474	0.405	12.78
3) P	Chloromethane	0.603	0.457	0.425	0.592	0.581	0.565	0.537	14.19
4) C	Vinyl Chloride	0.666	0.579	0.608	0.600	0.601	0.597	0.608	4.86#
5) T	Bromomethane		0.468	0.417	0.426	0.323	0.287	0.384	19.75
6) T	Chloroethane	0.465	0.419	0.397	0.383	0.370	0.357	0.398	9.77
7) T	Trichlorofluor...	0.982	1.030	1.019	0.886	0.919	0.939	0.963	5.98
8) T	Diethyl Ether	0.397	0.420	0.379	0.393	0.376	0.353	0.386	5.87
9) T	1,1,2-Trichlor...	0.552	0.556	0.616	0.515	0.546	0.558	0.557	5.91
10) T	Methyl Iodide		0.833	0.822	0.824	0.836	0.808	0.825	1.34
11) T	Tert butyl alc...		0.129	0.133	0.138	0.132	0.127	0.132	3.25
12) CM	1,1-Dichloroet...	0.669	0.584	0.591	0.545	0.555	0.548	0.582	8.02#
13) T	Acrolein		0.023	0.015	0.020	0.017	0.020	0.019	16.42
14) T	Allyl chloride	1.243	1.129	1.065	1.048	1.010	1.008	1.084	8.27
15) T	Acrylonitrile	0.405	0.383	0.395	0.403	0.370	0.356	0.385	5.05
16) T	Acetone	0.383	0.318	0.318	0.330	0.317	0.313	0.330	8.07
17) T	Carbon Disulfide	2.045	1.739	1.609	1.489	1.468	1.477	1.638	13.75
18) T	Methyl Acetate	1.195	0.876	0.857	0.869	0.818	0.823	0.906	15.80
19) T	Methyl tert-bu...	2.163	2.158	2.049	2.117	1.984	1.861	2.055	5.70
20) T	Methylene Chlo...	0.845	0.689	0.663	0.653	0.624	0.595	0.678	13.00
21) T	trans-1,2-Dich...	0.700	0.650	0.612	0.598	0.585	0.557	0.617	8.29
22) T	Diisopropyl ether	2.220	2.180	2.105	2.064	1.977	1.939	2.081	5.30
23) T	Vinyl Acetate	1.912	1.901	1.838	1.827	1.747	1.710	1.822	4.43
24) P	1,1-Dichloroet...	1.255	1.247	1.124	1.102	1.083	1.041	1.142	7.77
25) T	2-Butanone	0.474	0.502	0.511	0.506	0.470	0.465	0.488	4.20
26) T	2,2-Dichloropr...	1.079	1.044	0.975	0.883	0.934	0.925	0.973	7.71
27) T	cis-1,2-Dichlo...	0.888	0.787	0.737	0.725	0.703	0.684	0.754	9.90
28) T	Bromochloromet...	0.640	0.630	0.533	0.543	0.522	0.497	0.561	10.61
29) T	Tetrahydrofuran	0.406	0.357	0.350	0.349	0.321	0.306	0.348	9.91
30) C	Chloroform	1.357	1.277	1.162	1.120	1.105	1.052	1.179	9.79#
31) T	Cyclohexane		1.001	1.004	0.867	0.896	0.910	0.936	6.73
32) T	1,1,1-Trichlor...	1.160	1.087	1.026	0.973	0.979	0.947	1.029	7.90
33) S	1,2-Dichloroet...		0.775	0.723	0.685	0.677	0.623	0.697	8.08
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.484	0.374	0.351	0.356	0.327	0.378	16.22
36) T	1,1-Dichloropr...	0.548	0.664	0.499	0.427	0.453	0.449	0.507	17.46
37) T	Ethyl Acetate	0.748	0.901	0.676	0.667	0.648	0.639	0.713	13.96
38) T	Carbon Tetrach...	0.640	0.766	0.546	0.486	0.520	0.504	0.577	18.63
39) T	Methylcyclohexane	0.585	0.607	0.558	0.510	0.561	0.592	0.569	6.00
40) TM	Benzene	1.745	2.038	1.468	1.408	1.396	1.369	1.571	16.99
41) T	Methacrylonitrile	0.315	0.406	0.310	0.295	0.276	0.280	0.314	15.30
42) TM	1,2-Dichloroet...	0.540	0.721	0.525	0.481	0.489	0.473	0.538	17.33
43) T	Isopropyl Acetate	1.009	1.298	0.958	0.929	0.908	0.914	1.003	14.92
44) TM	Trichloroethene	0.423	0.390	0.356	0.355	0.366	0.363	0.375	7.10
45) C	1,2-Dichloropr...	0.417	0.381	0.319	0.358	0.352	0.340	0.361	9.45#
46) T	Dibromomethane	0.278	0.303	0.217	0.268	0.264	0.251	0.263	10.84
47) T	Bromodichlorom...	0.517	0.598	0.446	0.543	0.539	0.510	0.526	9.49
48) T	Methyl methacr...	0.467	0.476	0.385	0.462	0.448	0.435	0.446	7.40
49) T	1,4-Dioxane	0.006	0.007	0.006	0.007	0.008	0.007	0.007	12.02
50) S	Toluene-d8		1.341	1.021	1.202	1.210	1.128	1.180	9.96
51) T	4-Methyl-2-Pen...	0.505	0.667	0.514	0.620	0.573	0.546	0.571	11.02
52) CM	Toluene	0.709	0.955	0.710	0.877	0.868	0.843	0.827	11.87#
53) T	t-1,3-Dichloro...	0.513	0.609	0.452	0.572	0.561	0.542	0.541	10.02
54) T	cis-1,3-Dichlo...	0.472	0.633	0.481	0.606	0.595	0.578	0.561	12.05
55) T	1,1,2-Trichlor...	0.289	0.373	0.286	0.361	0.345	0.329	0.330	11.11
56) T	Ethyl methacry...	0.446	0.594	0.474	0.618	0.594	0.573	0.550	13.05

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X110725W.M

57)	T	1,3-Dichloropr...	0.529	0.674	0.498	0.618	0.581	0.551	0.575	11.11
58)	T	2-Chloroethyl ...	0.229	0.301	0.251	0.354	0.327	0.311	0.296	15.90
59)	T	2-Hexanone	0.360	0.487	0.390	0.464	0.429	0.416	0.425	10.96
60)	T	Dibromochlorom...	0.347	0.468	0.351	0.436	0.428	0.404	0.406	11.97
61)	T	1,2-Dibromoethane	0.309	0.417	0.308	0.381	0.374	0.358	0.358	11.93
62)	S	4-Bromofluorob...	0.523	0.365	0.443	0.445	0.423	0.440		12.88
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.444	0.364	0.352	0.327	0.344	0.348	0.363	11.38
65)	PM	Chlorobenzene	1.406	1.245	1.153	1.101	1.112	1.105	1.187	10.12
66)	T	1,1,1,2-Tetrac...	0.396	0.420	0.389	0.392	0.398	0.391	0.398	2.88
67)	C	Ethyl Benzene	2.253	2.045	1.976	1.887	1.899	1.898	1.993	7.08#
68)	T	m/p-Xylenes	0.764	0.793	0.758	0.720	0.736	0.733	0.751	3.49
69)	T	o-Xylene	0.795	0.746	0.721	0.703	0.714	0.726	0.734	4.50
70)	T	Styrene	1.228	1.256	1.227	1.210	1.226	1.244	1.232	1.30
71)	P	Bromoform	0.427	0.350	0.345	0.348	0.359	0.373	0.367	8.43
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.857	3.727	3.683	3.466	3.551	3.492	3.629	4.20
74)	T	N-amyl acetate	1.998	1.826	1.851	1.793	1.739	1.727	1.822	5.41
75)	P	1,1,2,2-Tetrac...	1.544	1.284	1.230	1.229	1.207	1.185	1.280	10.45
76)	T	1,2,3-Trichlor...	1.270	1.113	1.134	1.470	1.128	1.112	1.205	11.88
77)	T	Bromobenzene	1.054	0.961	0.913	0.909	0.909	0.877	0.937	6.74
78)	T	n-propylbenzene	4.682	4.356	4.371	4.027	4.097	4.073	4.268	5.89
79)	T	2-Chlorotoluene	2.995	2.601	2.565	2.437	2.493	2.382	2.579	8.50
80)	T	1,3,5-Trimethy...	3.172	2.990	3.003	2.819	2.913	2.855	2.959	4.30
81)	T	trans-1,4-Dich...	0.376	0.398	0.433	0.444	0.454	0.421		7.75
82)	T	4-Chlorotoluene	3.437	3.105	2.985	2.866	2.916	2.842	3.025	7.37
83)	T	tert-Butylbenzene	3.231	3.058	3.080	2.945	3.036	3.010	3.060	3.13
84)	T	1,2,4-Trimethy...	3.224	2.963	2.991	2.897	2.951	2.886	2.985	4.14
85)	T	sec-Butylbenzene	4.137	3.883	3.841	3.496	3.643	3.693	3.782	5.90
86)	T	p-Isopropyltol...	3.445	3.138	3.226	2.988	3.123	3.159	3.180	4.76
87)	T	1,3-Dichlorobe...	2.076	1.785	1.686	1.644	1.680	1.668	1.756	9.34
88)	T	1,4-Dichlorobe...	2.329	1.860	1.676	1.678	1.671	1.672	1.814	14.49
89)	T	n-Butylbenzene	3.281	3.038	3.007	2.718	2.883	2.972	2.983	6.23
90)	T	Hexachloroethane	0.679	0.611	0.600	0.551	0.597	0.596	0.606	6.82
91)	T	1,2-Dichlorobe...	1.944	1.695	1.611	1.624	1.627	1.616	1.686	7.71
92)	T	1,2-Dibromo-3-...	0.304	0.308	0.294	0.297	0.298	0.285	0.297	2.66
93)	T	1,2,4-Trichlor...	1.353	1.032	1.057	1.066	1.097	1.117	1.120	10.53
94)	T	Hexachlorobuta...	0.611	0.467	0.450	0.406	0.421	0.455	0.468	15.66
95)	T	Naphthalene	3.675	3.299	3.529	3.700	3.732	3.682	3.603	4.56
96)	T	1,2,3-Trichlor...	1.170	0.973	0.994	1.016	1.049	1.051	1.042	6.70

(#) = Out of Range