

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X121625W.M
 Title : SW846 8260
 Last Update : Wed Dec 17 03:22:16 2025
 Response Via : Initial Calibration

Calibration Files

1 =VX048886.D 5 =VX048887.D 20 =VX048888.D 50 =VX048889.D 100 =VX048890.D 150 =VX048891.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.606	0.556	0.600	0.513	0.635	0.543	0.575	7.94
3) P	Chloromethane	0.824	0.769	0.688	0.618	0.742	0.667	0.718	10.42
4) C	Vinyl Chloride	0.754	0.647	0.641	0.643	0.642	0.593	0.653	8.12#
5) T	Bromomethane		0.504	0.419	0.434	0.436	0.404	0.439	8.67
6) T	Chloroethane	0.384	0.426	0.371	0.414	0.406	0.384	0.398	5.29
7) T	Trichlorofluor...	1.084	0.953	0.872	0.937	0.935	0.871	0.942	8.25
8) T	Diethyl Ether	0.406	0.339	0.354	0.367	0.372	0.360	0.366	6.12
9) T	1,1,2-Trichlor...	0.618	0.549	0.494	0.518	0.524	0.486	0.531	9.02
10) T	Methyl Iodide		0.723	0.716	0.747	0.839	0.741	0.753	6.60
11) T	Tert butyl alc...		0.040	0.047	0.050	0.051	0.053	0.048	10.20
12) CM	1,1-Dichloroet...	0.540	0.534	0.508	0.525	0.537	0.490	0.522	3.74#
13) T	Acrolein		0.054	0.045	0.051	0.054	0.054	0.051	7.27
14) T	Allyl chloride	1.249	0.971	1.032	1.073	1.069	1.096	1.082	8.59
15) T	Acrylonitrile	0.269	0.231	0.269	0.265	0.266	0.284	0.264	6.67
16) T	Acetone	0.208	0.156	0.177	0.178	0.174	0.164	0.176	9.95
17) T	Carbon Disulfide	2.067	1.660	1.442	1.449	1.478	1.359	1.576	16.53
18) T	Methyl Acetate	0.568	0.491	0.582	0.570	0.591	0.604	0.568	7.02
19) T	Methyl tert-bu...	1.914	1.716	1.815	1.895	1.980	1.931	1.875	5.05
20) T	Methylene Chlo...	0.965	0.703	0.698	0.660	0.675	0.661	0.727	16.24
21) T	trans-1,2-Dich...	0.648	0.559	0.557	0.582	0.596	0.578	0.587	5.69
22) T	Diisopropyl ether	2.385	2.173	2.483	2.411	2.414	2.446	2.385	4.59
23) T	Vinyl Acetate	1.642	1.501	1.775	1.802	1.848	1.893	1.744	8.38
24) P	1,1-Dichloroet...	1.425	1.250	1.227	1.201	1.225	1.218	1.258	6.64
25) T	2-Butanone	0.236	0.238	0.310	0.283	0.292	0.297	0.276	11.35
26) T	2,2-Dichloropr...	1.051	1.045	1.063	0.978	1.047	0.992	1.029	3.43
27) T	cis-1,2-Dichlo...	0.803	0.735	0.766	0.718	0.763	0.721	0.751	4.34
28) T	Bromochloromet...	0.583	0.623	0.698	0.640	0.628	0.662	0.639	6.10
29) T	Tetrahydrofuran	0.188	0.167	0.221	0.201	0.202	0.212	0.198	9.58
30) C	Chloroform	1.316	1.248	1.339	1.236	1.282	1.184	1.268	4.48#
31) T	Cyclohexane		0.954	0.989	0.906	0.916	0.929	0.939	3.54
32) T	1,1,1-Trichlor...	1.234	1.138	1.064	1.026	1.073	0.997	1.089	7.86
33) S	1,2-Dichloroet...		0.908	0.878	0.787	0.822	0.783	0.836	6.62
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.362	0.372	0.361	0.380	0.383	0.372	2.69
36) T	1,1-Dichloropr...	0.473	0.499	0.468	0.428	0.466	0.465	0.466	4.89
37) T	Ethyl Acetate	0.503	0.320	0.499	0.419	0.443	0.488	0.446	15.68
38) T	Carbon Tetrach...	0.660	0.590	0.541	0.497	0.540	0.507	0.556	10.90
39) T	Methylcyclohexane	0.531	0.517	0.520	0.500	0.530	0.547	0.524	3.06
40) TM	Benzene	1.712	1.593	1.568	1.409	1.503	1.492	1.546	6.71
41) T	Methacrylonitrile	0.175	0.178	0.262	0.238	0.236	0.255	0.224	17.00
42) TM	1,2-Dichloroet...	0.636	0.588	0.576	0.533	0.569	0.536	0.573	6.64
43) T	Isopropyl Acetate	0.717	0.709	0.771	0.739	0.756	0.741	0.739	3.13
44) TM	Trichloroethene	0.533	0.404	0.350	0.338	0.363	0.326	0.386	19.95
45) C	1,2-Dichloropr...	0.438	0.441	0.430	0.377	0.413	0.411	0.418	5.68#
46) T	Dibromomethane	0.280	0.288	0.278	0.252	0.284	0.264	0.274	4.92
47) T	Bromodichlorom...	0.597	0.622	0.621	0.568	0.634	0.596	0.606	3.97
48) T	Methyl methacr...	0.292	0.336	0.388	0.351	0.399	0.402	0.361	11.93
49) T	1,4-Dioxane	0.003	0.003	0.003	0.003	0.004	0.004	0.003	12.48
50) S	Toluene-d8		1.359	1.339	1.260	1.378	1.298	1.327	3.58
51) T	4-Methyl-2-Pen...	0.379	0.389	0.443	0.412	0.436	0.422	0.413	6.22
52) CM	Toluene	0.941	0.960	0.936	0.873	0.970	0.885	0.928	4.29#
53) T	t-1,3-Dichloro...	0.502	0.587	0.588	0.567	0.678	0.608	0.588	9.72
54) T	cis-1,3-Dichlo...	0.534	0.650	0.657	0.638	0.685	0.657	0.637	8.30
55) T	1,1,2-Trichlor...	0.371	0.366	0.360	0.340	0.386	0.338	0.360	5.16
56) T	Ethyl methacry...	0.344	0.448	0.510	0.503	0.589	0.535	0.488	17.24

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X121625W.M

57)	T	1,3-Dichloropr...	0.589	0.644	0.655	0.601	0.682	0.604	0.629	5.82
58)	T	2-Chloroethyl ...	0.234	0.262	0.316	0.305	0.324	0.314	0.292	12.32
59)	T	2-Hexanone	0.257	0.257	0.293	0.276	0.316	0.288	0.281	8.09
60)	T	Dibromochlorom...	0.449	0.448	0.439	0.422	0.489	0.429	0.446	5.27
61)	T	1,2-Dibromoethane	0.299	0.382	0.362	0.338	0.393	0.342	0.353	9.70
62)	S	4-Bromofluorob...	0.529	0.453	0.436	0.499	0.464	0.476		7.91
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.377	0.333	0.327	0.300	0.315	0.278	0.322	10.46
65)	PM	Chlorobenzene	1.244	1.139	1.141	1.061	1.152	0.993	1.122	7.64
66)	T	1,1,1,2-Tetrac...	0.407	0.400	0.421	0.394	0.416	0.358	0.399	5.62
67)	C	Ethyl Benzene	1.907	1.903	1.996	1.861	1.989	1.751	1.901	4.75#
68)	T	m/p-Xylenes	0.678	0.700	0.741	0.689	0.746	0.647	0.700	5.39
69)	T	o-Xylene	0.656	0.650	0.732	0.678	0.734	0.631	0.680	6.42
70)	T	Styrene	1.076	1.090	1.222	1.161	1.258	1.090	1.149	6.71
71)	P	Bromoform	0.332	0.299	0.294	0.282	0.316	0.268	0.298	7.69
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.305	3.555	3.635	3.329	3.546	3.101	3.412	5.90
74)	T	N-amyl acetate	1.341	1.374	1.553	1.453	1.537	1.408	1.444	5.98
75)	P	1,1,2,2-Tetrac...	1.084	1.032	1.050	0.971	1.011	0.879	1.005	7.22
76)	T	1,2,3-Trichlor...	0.904	0.894	0.786	0.769	0.787	0.683	0.804	10.33
77)	T	Bromobenzene	0.873	0.921	0.905	0.868	0.894	0.774	0.872	6.00
78)	T	n-propylbenzene	3.811	4.375	4.335	4.162	4.342	3.777	4.134	6.62
79)	T	2-Chlorotoluene	2.804	2.673	2.643	2.435	2.542	2.216	2.552	8.09
80)	T	1,3,5-Trimethy...	2.722	2.836	2.932	2.811	2.955	2.557	2.802	5.24
81)	T	trans-1,4-Dich...	0.279	0.325	0.317	0.345	0.317	0.317		7.51
82)	T	4-Chlorotoluene	2.900	3.007	3.081	2.886	3.038	2.643	2.926	5.42
83)	T	tert-Butylbenzene	2.942	2.919	3.032	2.820	3.020	2.636	2.895	5.12
84)	T	1,2,4-Trimethy...	2.626	2.898	3.016	2.869	2.994	2.584	2.831	6.50
85)	T	sec-Butylbenzene	3.629	3.588	3.731	3.560	3.708	3.201	3.569	5.39
86)	T	p-Isopropyltol...	2.795	2.905	3.108	2.959	3.119	2.666	2.925	6.05
87)	T	1,3-Dichlorobe...	1.749	1.683	1.673	1.599	1.678	1.439	1.637	6.59
88)	T	1,4-Dichlorobe...	2.108	1.795	1.667	1.586	1.705	1.442	1.717	13.14
89)	T	n-Butylbenzene	2.635	2.750	2.847	2.833	3.109	2.615	2.798	6.44
90)	T	Hexachloroethane	0.654	0.672	0.646	0.599	0.654	0.552	0.629	7.20
91)	T	1,2-Dichlorobe...	1.808	1.679	1.617	1.534	1.670	1.401	1.618	8.60
92)	T	1,2-Dibromo-3-...	0.207	0.167	0.181	0.170	0.193	0.161	0.180	9.73
93)	T	1,2,4-Trichlor...	0.948	0.819	0.949	0.957	1.091	0.818	0.930	11.00
94)	T	Hexachlorobuta...	0.481	0.418	0.386	0.387	0.427	0.312	0.402	13.99
95)	T	Naphthalene	2.020	1.916	2.478	2.566	2.909	2.213	2.350	15.82
96)	T	1,2,3-Trichlor...	0.748	0.740	0.885	0.894	0.993	0.757	0.836	12.39

(#) = Out of Range