

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X102925W.M
 Title : SW846 8260
 Last Update : Thu Oct 30 02:37:17 2025
 Response Via : Initial Calibration

Calibration Files

1 =VX048407.D 5 =VX048408.D 20 =VX048409.D 50 =VX048410.D 100 =VX048411.D 150 =VX048412.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.488	0.487	0.477	0.539	0.504	0.565	0.510	6.76
3) P	Chloromethane	0.366	0.263	0.275	0.271	0.274	0.277	0.288	13.49
4) C	Vinyl Chloride	0.639	0.646	0.642	0.666	0.677	0.718	0.665	4.53#
5) T	Bromomethane		0.254	0.257	0.242	0.237	0.210	0.240	7.78
6) T	Chloroethane	0.405	0.394	0.382	0.391	0.398	0.402	0.395	2.10
7) T	Trichlorofluor...	0.984	1.004	0.981	1.036	1.006	1.100	1.019	4.37
8) T	Diethyl Ether	0.367	0.347	0.368	0.349	0.396	0.381	0.368	5.13
9) T	1,1,2-Trichlor...	0.542	0.569	0.546	0.589	0.565	0.626	0.573	5.43
10) T	Methyl Iodide		2.232	2.136	2.192	2.444	2.516	2.304	7.23
11) T	Tert butyl alc...		0.049	0.054	0.053	0.061	0.059	0.055	8.49
12) CM	1,1-Dichloroet...	0.573	0.559	0.559	0.581	0.591	0.628	0.582	4.40#
13) T	Acrolein		0.105	0.112	0.112	0.128	0.118	0.115	7.44
14) T	Allyl chloride	1.076	0.952	0.946	0.935	1.006	0.999	0.986	5.37
15) T	Acrylonitrile	0.251	0.233	0.241	0.247	0.272	0.261	0.251	5.55
16) T	Acetone	0.176	0.136	0.156	0.159	0.176	0.175	0.163	9.84
17) T	Carbon Disulfide	1.871	1.692	1.629	1.676	1.568	1.577	1.669	6.66
18) T	Methyl Acetate	0.578	0.474	0.488	0.494	0.612	0.625	0.545	12.41
19) T	Methyl tert-bu...	1.967	1.753	1.815	1.763	1.975	1.908	1.864	5.36
20) T	Methylene Chlo...	0.660	0.613	0.619	0.598	0.651	0.628	0.628	3.74
21) T	trans-1,2-Dich...	0.614	0.604	0.610	0.606	0.632	0.643	0.618	2.53
22) T	Diisopropyl ether	1.908	1.986	2.009	1.978	2.150	2.072	2.017	4.17
23) T	Vinyl Acetate	1.453	1.390	1.457	1.330	1.373	1.237	1.373	6.01
24) P	1,1-Dichloroet...	1.130	1.140	1.127	1.106	1.190	1.176	1.145	2.78
25) T	2-Butanone	0.257	0.225	0.261	0.257	0.287	0.275	0.260	8.09
26) T	2,2-Dichloropr...	1.042	0.949	0.935	0.952	1.002	1.035	0.986	4.74
27) T	cis-1,2-Dichlo...	0.756	0.717	0.709	0.712	0.771	0.761	0.738	3.79
28) T	Bromochloromet...	0.465	0.513	0.556	0.513	0.519	0.546	0.519	6.16
29) T	Tetrahydrofuran	0.193	0.168	0.177	0.181	0.203	0.190	0.185	6.71
30) C	Chloroform	1.200	1.176	1.167	1.131	1.212	1.180	1.178	2.41#
31) T	Cyclohexane		0.962	0.968	1.011	0.964	1.063	0.994	4.41
32) T	1,1,1-Trichlor...	1.030	1.024	1.013	1.030	1.057	1.084	1.040	2.53
33) S	1,2-Dichloroet...		0.765	0.689	0.674	0.728	0.739	0.719	5.19
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.300	0.260	0.276	0.283	0.307	0.285	6.64
36) T	1,1-Dichloropr...	0.482	0.446	0.481	0.490	0.463	0.511	0.479	4.63
37) T	Ethyl Acetate	0.364	0.421	0.396	0.410	0.426	0.430	0.408	6.06
38) T	Carbon Tetrach...	0.578	0.562	0.528	0.559	0.517	0.572	0.553	4.45
39) T	Methylcyclohexane	0.578	0.604	0.565	0.665	0.585	0.696	0.616	8.52
40) TM	Benzene	1.397	1.464	1.457	1.472	1.461	1.524	1.462	2.77
41) T	Methacrylonitrile	0.195	0.184	0.205	0.215	0.218	0.216	0.205	6.63
42) TM	1,2-Dichloroet...	0.521	0.520	0.519	0.501	0.514	0.515	0.515	1.46
43) T	Isopropyl Acetate	0.655	0.628	0.664	0.672	0.707	0.715	0.673	4.82
44) TM	Trichloroethene	0.365	0.399	0.368	0.381	0.379	0.406	0.383	4.28
45) C	1,2-Dichloropr...	0.367	0.357	0.359	0.362	0.369	0.377	0.365	1.99#
46) T	Dibromomethane	0.245	0.260	0.252	0.252	0.261	0.263	0.256	2.80
47) T	Bromodichlorom...	0.542	0.553	0.536	0.538	0.542	0.550	0.543	1.25
48) T	Methyl methacr...	0.281	0.305	0.325	0.334	0.361	0.364	0.328	9.77
49) T	1,4-Dioxane	0.003	0.004	0.004	0.004	0.004	0.004	0.004	15.65
50) S	Toluene-d8		1.333	1.191	1.222	1.207	1.339	1.258	5.70
51) T	4-Methyl-2-Pen...	0.366	0.355	0.373	0.375	0.391	0.388	0.375	3.54
52) CM	Toluene	0.864	0.918	0.902	0.931	0.914	0.955	0.914	3.32#
53) T	t-1,3-Dichloro...	0.463	0.491	0.510	0.496	0.501	0.493	0.492	3.23
54) T	cis-1,3-Dichlo...	0.549	0.525	0.558	0.524	0.522	0.506	0.531	3.66
55) T	1,1,2-Trichlor...	0.329	0.330	0.332	0.326	0.333	0.334	0.331	0.99
56) T	Ethyl methacry...	0.437	0.438	0.473	0.492	0.533	0.533	0.484	8.90

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57)	T	1,3-Dichloropr...	0.578	0.580	0.566	0.568	0.574	0.575	0.573	0.95
58)	T	2-Chloroethyl ...	0.145	0.216	0.278	0.282	0.281	0.302	0.251	23.68
59)	T	2-Hexanone	0.219	0.217	0.248	0.251	0.264	0.263	0.244	8.58
60)	T	Dibromochlorom...	0.405	0.408	0.403	0.408	0.412	0.418	0.409	1.27
61)	T	1,2-Dibromoethane	0.340	0.338	0.338	0.341	0.349	0.347	0.342	1.34
62)	S	4-Bromofluorob...	0.537	0.437	0.446	0.449	0.485	0.471		8.82
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.433	0.411	0.384	0.402	0.376	0.410	0.403	5.07
65)	PM	Chlorobenzene	1.135	1.174	1.118	1.150	1.154	1.179	1.152	1.98
66)	T	1,1,1,2-Tetrac...	0.360	0.387	0.386	0.396	0.404	0.417	0.392	4.96
67)	C	Ethyl Benzene	1.825	1.909	1.888	1.994	1.951	2.070	1.940	4.42#
68)	T	m/p-Xylenes	0.663	0.731	0.718	0.773	0.744	0.777	0.734	5.72
69)	T	o-Xylene	0.636	0.689	0.686	0.729	0.721	0.750	0.702	5.76
70)	T	Styrene	1.059	1.139	1.180	1.235	1.247	1.273	1.189	6.74
71)	P	Bromoform	0.284	0.268	0.267	0.281	0.299	0.302	0.283	5.18
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.372	3.599	3.592	3.841	3.700	4.085	3.698	6.60
74)	T	N-amyl acetate	1.175	1.160	1.281	1.367	1.436	1.497	1.319	10.44
75)	P	1,1,2,2-Tetrac...	0.915	0.919	0.914	0.929	0.956	0.988	0.937	3.18
76)	T	1,2,3-Trichlor...	0.617	0.702	0.708	0.743	0.765	0.779	0.719	8.13
77)	T	Bromobenzene	0.877	0.904	0.886	0.912	0.919	0.984	0.914	4.13
78)	T	n-propylbenzene	3.871	4.307	4.262	4.596	4.352	4.838	4.371	7.48
79)	T	2-Chlorotoluene	2.524	2.598	2.538	2.652	2.609	2.825	2.624	4.15
80)	T	1,3,5-Trimethy...	2.640	2.973	2.948	3.194	3.065	3.369	3.032	8.15
81)	T	trans-1,4-Dich...	0.191	0.195	0.208	0.217	0.228	0.208		7.37
82)	T	4-Chlorotoluene	2.883	3.105	3.023	3.125	3.076	3.299	3.085	4.42
83)	T	tert-Butylbenzene	2.798	3.001	2.945	3.216	3.098	3.459	3.086	7.48
84)	T	1,2,4-Trimethy...	2.580	2.875	2.976	3.141	3.082	3.355	3.002	8.76
85)	T	sec-Butylbenzene	3.379	3.847	3.727	4.052	3.793	4.276	3.846	7.90
86)	T	p-Isopropyltol...	2.815	3.198	3.145	3.435	3.257	3.657	3.251	8.73
87)	T	1,3-Dichlorobe...	1.911	1.733	1.660	1.690	1.666	1.807	1.745	5.62
88)	T	1,4-Dichlorobe...	1.948	1.824	1.666	1.710	1.684	1.829	1.777	6.15
89)	T	n-Butylbenzene	2.892	2.903	2.886	3.183	3.003	3.447	3.052	7.34
90)	T	Hexachloroethane	0.521	0.518	0.537	0.594	0.589	0.669	0.571	10.22
91)	T	1,2-Dichlorobe...	1.618	1.609	1.565	1.589	1.607	1.712	1.617	3.11
92)	T	1,2-Dibromo-3-...	0.181	0.156	0.171	0.187	0.195	0.210	0.183	10.20
93)	T	1,2,4-Trichlor...	1.140	1.040	1.045	1.112	1.124	1.232	1.116	6.34
94)	T	Hexachlorobuta...	0.507	0.437	0.435	0.481	0.431	0.516	0.468	8.23
95)	T	Naphthalene	2.578	2.419	2.645	2.935	3.064	3.264	2.818	11.45
96)	T	1,2,3-Trichlor...	0.981	0.937	0.957	1.033	1.029	1.143	1.013	7.31

(#) = Out of Range