

Method Path : Z:\voasrv\HPCHEM1\MSVOA_V\Method\
 Method File : 82V062725W.M
 Title : SW846 8260
 Last Update : Mon Jun 30 10:57:08 2025
 Response Via : Initial Calibration

Calibration Files

1 =VV038830.D 5 =VV038824.D 20 =VV038825.D 50 =VV038826.D 100 =VV038827.D 150 =VV038828.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.546	0.491	0.484	0.462	0.440	0.425	0.475	9.08
3) P	Chloromethane	0.848	0.638	0.592	0.558	0.541	0.513	0.615	19.83
4) C	Vinyl Chloride	0.843	0.681	0.634	0.616	0.591	0.573	0.656	15.07#
5) T	Bromomethane		0.609	0.471	0.404	0.358	0.319	0.432	26.31
6) T	Chloroethane	0.510	0.470	0.424	0.399	0.378	0.367	0.425	13.09
7) T	Trichlorofluor...	1.281	1.029	0.931	0.902	0.867	0.848	0.976	16.64
8) T	Diethyl Ether	0.475	0.367	0.352	0.355	0.347	0.341	0.373	13.65
9) T	1,1,2-Trichlor...	0.729	0.625	0.580	0.551	0.526	0.517	0.588	13.54
10) T	Methyl Iodide		0.360	0.506	0.624	0.679	0.683	0.570	24.11
11) T	Tert butyl alc...		0.109	0.103	0.106	0.115	0.115	0.110	4.91
12) CM	1,1-Dichloroet...	0.802	0.597	0.525	0.523	0.494	0.493	0.572	20.74#
13) T	Acrolein		0.038	0.042	0.043	0.042	0.042	0.041	4.55
14) T	Allyl chloride	1.057	0.998	0.907	0.909	0.922	0.929	0.954	6.38
15) T	Acrylonitrile	0.386	0.351	0.377	0.383	0.378	0.368	0.374	3.45
16) T	Acetone	0.308	0.300	0.295	0.292	0.281	0.262	0.289	5.61
17) T	Carbon Disulfide	2.486	1.654	1.372	1.322	1.269	1.235	1.556	30.80
18) T	Methyl Acetate	0.993	0.789	0.957	0.946	0.952	0.928	0.928	7.69
19) T	Methyl tert-bu...	2.019	1.542	1.703	1.824	1.787	1.818	1.782	8.80
20) T	Methylene Chlo...	0.918	0.696	0.649	0.613	0.588	0.579	0.674	18.87
21) T	trans-1,2-Dich...	0.782	0.580	0.551	0.545	0.536	0.522	0.586	16.72
22) T	Diisopropyl ether	1.949	1.685	1.974	2.047	1.967	1.957	1.930	6.49
23) T	Vinyl Acetate	1.365	1.315	1.571	1.664	1.647	1.635	1.533	10.01
24) P	1,1-Dichloroet...	1.367	1.212	1.141	1.106	1.064	1.054	1.157	10.16
25) T	2-Butanone	0.362	0.366	0.453	0.483	0.477	0.461	0.434	12.71
26) T	2,2-Dichloropr...	1.164	0.979	0.928	0.920	0.923	0.934	0.975	9.77
27) T	cis-1,2-Dichlo...	0.869	0.613	0.634	0.654	0.650	0.655	0.679	13.87
28) T	Bromochloromet...	0.758	0.596	0.543	0.496	0.484	0.478	0.559	19.14
29) T	Tetrahydrofuran	0.365	0.251	0.307	0.325	0.320	0.314	0.314	11.73
30) C	Chloroform	1.424	1.288	1.154	1.126	1.075	1.068	1.189	11.76#
31) T	Cyclohexane		1.021	0.889	0.868	0.866	0.855	0.900	7.66
32) T	1,1,1-Trichlor...	1.279	1.047	0.995	0.959	0.929	0.927	1.022	13.04
33) S	1,2-Dichloroet...		0.767	0.647	0.613	0.599	0.593	0.644	11.18
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.345	0.337	0.321	0.314	0.305	0.324	5.07
36) T	1,1-Dichloropr...	0.623	0.411	0.432	0.443	0.435	0.441	0.464	17.01
37) T	Ethyl Acetate	0.811	0.647	0.546	0.580	0.582	0.570	0.622	15.82
38) T	Carbon Tetrach...	0.579	0.488	0.505	0.496	0.476	0.465	0.501	8.10
39) T	Methylcyclohexane	0.565	0.483	0.477	0.544	0.564	0.567	0.533	7.92
40) TM	Benzene	1.512	1.422	1.387	1.408	1.372	1.337	1.406	4.24
41) T	Methacrylonitrile	0.099	0.151	0.221	0.266	0.282	0.279	0.216	35.12
42) TM	1,2-Dichloroet...	0.612	0.510	0.498	0.490	0.470	0.463	0.507	10.74
43) T	Isopropyl Acetate	0.611	0.607	0.792	0.873	0.888	0.892	0.777	17.37
44) TM	Trichloroethene	0.351	0.337	0.335	0.340	0.329	0.333	0.337	2.22
45) C	1,2-Dichloropr...	0.345	0.349	0.384	0.381	0.365	0.358	0.364	4.42#
46) T	Dibromomethane	0.305	0.274	0.273	0.267	0.256	0.252	0.271	7.01
47) T	Bromodichlorom...	0.608	0.545	0.543	0.546	0.529	0.516	0.548	5.80
48) T	Methyl methacr...	0.329	0.264	0.352	0.408	0.423	0.425	0.367	17.43
49) T	1,4-Dioxane	0.006	0.003	0.005	0.005	0.006	0.006	0.005	19.92
50) S	Toluene-d8		1.205	1.135	1.099	1.071	1.033	1.108	5.91
51) T	4-Methyl-2-Pen...	0.454	0.519	0.625	0.634	0.616	0.578	0.571	12.45
52) CM	Toluene	0.880	0.810	0.868	0.879	0.861	0.846	0.857	3.05#
53) T	t-1,3-Dichloro...	0.468	0.472	0.524	0.548	0.558	0.562	0.522	8.11
54) T	cis-1,3-Dichlo...	0.575	0.522	0.577	0.601	0.596	0.594	0.578	5.05
55) T	1,1,2-Trichlor...	0.398	0.374	0.386	0.370	0.349	0.342	0.370	5.79
56) T	Ethyl methacry...	0.430	0.375	0.467	0.564	0.584	0.591	0.502	18.07

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57)	T	1,3-Dichloropr...	0.601	0.605	0.619	0.630	0.607	0.590	0.609	2.29
58)	T	2-Chloroethyl ...	0.188	0.175	0.335	0.305	0.323	0.295	0.270	26.04
59)	T	2-Hexanone	0.287	0.318	0.452	0.466	0.458	0.432	0.402	19.55
60)	T	Dibromochlorom...	0.479	0.419	0.423	0.428	0.419	0.405	0.429	5.95
61)	T	1,2-Dibromoethane	0.384	0.388	0.394	0.386	0.374	0.364	0.382	2.80
62)	S	4-Bromofluorob...	0.373	0.413	0.426	0.424	0.404	0.408		5.26
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.387	0.391	0.349	0.338	0.319	0.309	0.349	9.76
65)	PM	Chlorobenzene	1.263	1.070	1.052	1.077	1.050	1.049	1.093	7.66
66)	T	1,1,1,2-Tetrac...	0.457	0.375	0.378	0.373	0.369	0.368	0.387	8.92
67)	C	Ethyl Benzene	1.821	1.448	1.624	1.799	1.820	1.813	1.721	8.94#
68)	T	m/p-Xylenes	0.589	0.531	0.662	0.709	0.703	0.695	0.648	11.19
69)	T	o-Xylene	0.564	0.494	0.580	0.654	0.668	0.678	0.606	11.97
70)	T	Styrene	0.807	0.775	1.054	1.178	1.173	1.155	1.024	18.16
71)	P	Bromoform	0.345	0.278	0.307	0.315	0.314	0.310	0.312	6.89
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.016	2.502	2.944	3.222	3.255	3.352	3.048	10.12
74)	T	N-amyl acetate	1.177	0.988	1.199	1.430	1.544	1.637	1.329	18.66
75)	P	1,1,2,2-Tetrac...	1.606	1.226	1.215	1.194	1.184	1.192	1.269	13.06
76)	T	1,2,3-Trichlor...	1.088	0.867	0.922	0.956	0.931	0.938	0.950	7.78
77)	T	Bromobenzene	0.847	0.718	0.733	0.771	0.764	0.779	0.769	5.84
78)	T	n-propylbenzene	3.615	3.020	3.603	3.970	3.926	3.987	3.687	10.04
79)	T	2-Chlorotoluene	2.328	1.811	2.175	2.269	2.271	2.308	2.193	8.87
80)	T	1,3,5-Trimethy...	2.429	1.965	2.519	2.748	2.750	2.790	2.533	12.40
81)	T	trans-1,4-Dich...	0.317	0.395	0.427	0.462	0.474	0.415		15.14
82)	T	4-Chlorotoluene	2.439	2.105	2.556	2.659	2.694	2.721	2.529	9.18
83)	T	tert-Butylbenzene	2.564	2.063	2.328	2.646	2.724	2.832	2.526	11.23
84)	T	1,2,4-Trimethy...	2.159	1.890	2.451	2.719	2.742	2.777	2.456	14.83
85)	T	sec-Butylbenzene	3.038	2.706	3.264	3.593	3.669	3.721	3.332	12.13
86)	T	p-Isopropyltol...	2.716	2.351	2.782	3.029	3.082	3.119	2.847	10.29
87)	T	1,3-Dichlorobe...	1.776	1.483	1.501	1.536	1.543	1.548	1.564	6.84
88)	T	1,4-Dichlorobe...	2.246	1.618	1.596	1.560	1.575	1.573	1.695	15.99
89)	T	n-Butylbenzene	2.724	2.141	2.578	2.935	3.060	3.103	2.757	13.13
90)	T	Hexachloroethane	0.746	0.594	0.595	0.597	0.606	0.622	0.627	9.50
91)	T	1,2-Dichlorobe...	1.863	1.358	1.425	1.451	1.493	1.510	1.517	11.73
92)	T	1,2-Dibromo-3-...	0.293	0.248	0.240	0.265	0.281	0.289	0.269	8.21
93)	T	1,2,4-Trichlor...	0.899	0.685	0.813	0.925	1.010	1.035	0.895	14.55
94)	T	Hexachlorobuta...	0.569	0.403	0.390	0.410	0.425	0.413	0.435	15.26
95)	T	Naphthalene	2.651	2.033	2.602	3.316	3.691	3.748	3.007	22.81
96)	T	1,2,3-Trichlor...	1.005	0.678	0.831	0.953	1.011	1.037	0.919	15.13

(#) = Out of Range