

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N092325W.M
 Title : SW846 8260
 Last Update : Wed Sep 24 05:05:30 2025
 Response Via : Initial Calibration

Calibration Files

5 =VN087924.D 20 =VN087930.D 50 =VN087926.D 100 =VN087927.D 150 =VN087928.D

	Compound	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoro...	0.590	0.662	0.526	0.505	0.612	0.579	11.05
3) P	Chloromethane	0.662	0.672	0.532	0.497	0.602	0.593	13.10
4) C	Vinyl Chloride	0.656	0.686	0.553	0.516	0.613	0.605	11.66#
5) T	Bromomethane	0.388	0.422	0.320	0.331	0.415	0.375	12.64
6) T	Chloroethane	0.442	0.425	0.355	0.337	0.407	0.393	11.53
7) T	Trichlorofluorom...	1.169	1.068	0.883	0.816	0.987	0.985	14.32
8) T	Diethyl Ether	0.400	0.419	0.339	0.315	0.387	0.372	11.73
9) T	1,1,2-Trichlorot...	0.597	0.563	0.475	0.439	0.528	0.521	12.30
10) T	Methyl Iodide	0.335	0.474	0.462	0.478	0.593	0.468	19.57
11) T	Tert butyl alcohol	0.125	0.139	0.108	0.105	0.129	0.121	12.18
12) CM	1,1-Dichloroethene	0.591	0.579	0.470	0.448	0.539	0.525	12.18#
13) T	Acrolein	0.170	0.148	0.120	0.165	0.174	0.156	14.22
14) T	Allyl chloride	0.898	0.941	0.760	0.750	0.926	0.855	10.82
15) T	Acrylonitrile	0.395	0.430	0.348	0.328	0.400	0.380	10.86
16) T	Acetone	0.417	0.417	0.298	0.274	0.326	0.346	19.36
17) T	Carbon Disulfide	1.788	1.862	1.485	1.399	1.672	1.641	11.96
18) T	Methyl Acetate	0.822	0.997	0.813	0.767	0.934	0.866	11.00
19) T	Methyl tert-buty...	2.047	2.237	1.907	1.811	2.256	2.052	9.60
20) T	Methylene Chloride	0.871	0.761	0.621	0.571	0.680	0.701	16.92
21) T	trans-1,2-Dichlo...	0.758	0.695	0.570	0.542	0.654	0.644	13.79
22) T	Diisopropyl ether	2.040	2.153	1.826	1.763	2.199	1.996	9.75
23) T	Vinyl Acetate	1.585	1.884	1.566	1.502	1.867	1.681	10.75
24) P	1,1-Dichloroethane	1.315	1.268	1.057	0.984	1.206	1.166	12.08
25) T	2-Butanone	0.557	0.602	0.479	0.453	0.554	0.529	11.56
26) T	2,2-Dichloropropane	1.136	1.175	0.932	0.868	1.069	1.036	12.71
27) T	cis-1,2-Dichloro...	0.852	0.829	0.690	0.656	0.804	0.766	11.45
28) T	Bromochloromethane	0.667	0.671	0.662	0.598	0.570	0.634	7.35
29) T	Tetrahydrofuran	0.335	0.379	0.311	0.298	0.371	0.339	10.57
30) C	Chloroform	1.419	1.424	1.145	1.075	1.313	1.275	12.49#
31) T	Cyclohexane	1.163	1.020	0.827	0.758	0.951	0.944	16.90
32) T	1,1,1-Trichloroe...	1.190	1.197	0.958	0.908	1.133	1.077	12.54
33) S	1,2-Dichloroetha...	0.852	0.705	0.872	0.901	0.877	0.841	9.28
34) I	1,4-Difluorobenzene	-----ISTD-----						
35) S	Dibromofluoromet...	0.376	0.305	0.372	0.385	0.376	0.363	8.96
36) T	1,1-Dichloropropene	0.435	0.472	0.408	0.390	0.478	0.437	8.78
37) T	Ethyl Acetate	0.602	0.605	0.536	0.503	0.621	0.573	8.88
38) T	Carbon Tetrachlo...	0.524	0.545	0.461	0.432	0.542	0.501	10.26
39) T	Methylcyclohexane	0.445	0.521	0.444	0.435	0.562	0.482	11.81
40) TM	Benzene	1.507	1.569	1.353	1.258	1.540	1.445	9.26
41) T	Methacrylonitrile	0.290	0.314	0.288	0.263	0.327	0.296	8.37
42) TM	1,2-Dichloroethane	0.572	0.609	0.484	0.467	0.565	0.539	11.30
43) T	Isopropyl Acetate	0.885	0.976	0.834	0.809	1.007	0.902	9.63
44) TM	Trichloroethene	0.367	0.374	0.315	0.304	0.367	0.345	9.59
45) C	1,2-Dichloropropane	0.391	0.402	0.333	0.310	0.377	0.362	10.93#
46) T	Dibromomethane	0.283	0.329	0.260	0.250	0.307	0.286	11.42
47) T	Bromodichloromet...	0.581	0.616	0.521	0.489	0.597	0.561	9.56
48) T	Methyl methacrylate	0.392	0.446	0.389	0.384	0.479	0.418	10.19
49) T	1,4-Dioxane	0.006	0.007	0.006	0.005	0.007	0.006	11.38
50) S	Toluene-d8	1.189	1.026	1.352	1.429	1.387	1.277	13.06
51) T	4-Methyl-2-Penta...	0.532	0.623	0.537	0.509	0.614	0.563	9.20
52) CM	Toluene	0.897	0.981	0.848	0.811	0.998	0.907	9.02#
53) T	t-1,3-Dichloropr...	0.556	0.617	0.528	0.518	0.650	0.574	10.00
54) T	cis-1,3-Dichloro...	0.593	0.651	0.544	0.534	0.659	0.596	9.76
55) T	1,1,2-Trichloroe...	0.390	0.413	0.339	0.318	0.384	0.369	10.55
56) T	Ethyl methacrylate	0.433	0.561	0.515	0.513	0.644	0.533	14.50

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\

Method File : 82N092325W.M

57)	T	1,3-Dichloropropane	0.610	0.667	0.567	0.539	0.651	0.607	8.94
58)	T	2-Chloroethyl Vi...	0.193	0.278	0.219	0.250	0.312	0.251	18.74
59)	T	2-Hexanone	0.297	0.402	0.369	0.358	0.436	0.372	14.07
60)	T	Dibromochloromet...	0.425	0.472	0.402	0.391	0.479	0.434	9.19
61)	T	1,2-Dibromoethane	0.395	0.435	0.362	0.341	0.420	0.390	10.02
62)	S	4-Bromofluoroben...	0.432	0.367	0.476	0.511	0.496	0.456	12.76
63)	I	Chlorobenzene-d5	-----ISTD-----						
64)	T	Tetrachloroethene	0.308	0.345	0.279	0.264	0.328	0.305	10.99
65)	PM	Chlorobenzene	1.057	1.218	0.951	0.940	1.153	1.064	11.49
66)	T	1,1,1,2-Tetrachl...	0.402	0.423	0.349	0.335	0.409	0.384	10.11
67)	C	Ethyl Benzene	1.650	1.968	1.601	1.637	2.022	1.775	11.39#
68)	T	m/p-Xylenes	0.612	0.765	0.637	0.615	0.767	0.679	11.77
69)	T	o-Xylene	0.593	0.718	0.598	0.601	0.752	0.652	11.72
70)	T	Styrene	0.906	1.260	1.063	1.061	1.312	1.120	14.72
71)	P	Bromoform	0.286	0.344	0.285	0.289	0.352	0.311	10.91
72)	I	1,4-Dichlorobenzen...	-----ISTD-----						
73)	T	Isopropylbenzene	2.660	3.518	2.804	2.859	3.653	3.099	14.61
74)	T	N-amyl acetate		1.023	0.884	0.942	1.236	1.021	15.09
75)	P	1,1,2,2-Tetrachl...	1.212	1.269	0.979	0.954	1.168	1.117	12.71
76)	T	1,2,3-Trichlorop...	0.969	1.172	0.866	0.857	1.064	0.986	13.63
77)	T	Bromobenzene	0.851	0.919	0.716	0.720	0.916	0.825	12.22
78)	T	n-propylbenzene	3.637	4.345	3.468	3.493	4.429	3.874	12.22
79)	T	2-Chlorotoluene	2.330	2.636	2.084	2.098	2.647	2.359	11.68
80)	T	1,3,5-Trimethylb...	2.388	3.064	2.400	2.472	3.079	2.680	13.36
81)	T	trans-1,4-Dichlo...	0.303	0.381	0.308	0.337	0.447	0.355	16.84
82)	T	4-Chlorotoluene	2.124	2.748	2.146	2.162	2.705	2.377	13.44
83)	T	tert-Butylbenzene	1.963	2.581	2.059	2.118	2.623	2.269	13.64
84)	T	1,2,4-Trimethylb...	2.418	3.101	2.514	2.539	3.174	2.749	13.04
85)	T	sec-Butylbenzene	3.078	3.736	3.004	3.023	3.790	3.326	12.03
86)	T	p-Isopropyltoluene	2.496	3.176	2.558	2.591	3.264	2.817	13.16
87)	T	1,3-Dichlorobenzene	1.689	1.798	1.403	1.409	1.745	1.609	11.75
88)	T	1,4-Dichlorobenzene	1.800	1.888	1.413	1.423	1.744	1.654	13.39
89)	T	n-Butylbenzene	2.481	3.002	2.372	2.418	3.039	2.662	12.36
90)	T	Hexachloroethane	0.631	0.665	0.505	0.509	0.633	0.588	12.88
91)	T	1,2-Dichlorobenzene	1.591	1.776	1.357	1.358	1.673	1.551	12.15
92)	T	1,2-Dibromo-3-Ch...	0.285	0.285	0.220	0.221	0.286	0.259	13.71
93)	T	1,2,4-Trichlorob...	0.867	0.991	0.791	0.830	1.099	0.916	13.89
94)	T	Hexachlorobutadiene	0.348	0.381	0.293	0.288	0.375	0.337	13.11
95)	T	Naphthalene	2.398	3.241	2.601	2.761	3.697	2.939	17.88
96)	T	1,2,3-Trichlorob...	0.780	1.020	0.783	0.800	1.068	0.890	15.91

(#) = Out of Range