

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y112625S.M
 Title : SW846 8260
 Last Update : Thu Nov 27 01:14:36 2025
 Response Via : Initial Calibration

Calibration Files

5 =VY023809.D 10 =VY023810.D 20 =VY023811.D 50 =VY023812.D 100 =VY023813.D 150 =VY023814.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.422	0.412	0.414	0.340	0.339	0.334	0.377	11.45
3) P	Chloromethane	0.640	0.632	0.607	0.531	0.532	0.515	0.576	9.78
4) C	Vinyl Chloride	0.662	0.655	0.640	0.604	0.602	0.580	0.624	5.32#
5) T	Bromomethane	0.543	0.480	0.439	0.386	0.402	0.390	0.440	14.04
6) T	Chloroethane	0.437	0.420	0.420	0.395	0.394	0.372	0.406	5.78
7) T	Trichlorofluor...	0.906	0.865	0.874	0.815	0.805	0.793	0.843	5.34
8) T	Diethyl Ether	0.276	0.250	0.264	0.261	0.275	0.267	0.266	3.53
9) T	1,1,2-Trichlor...	0.537	0.509	0.501	0.473	0.477	0.455	0.492	6.01
10) T	Methyl Iodide	0.481	0.512	0.534	0.582	0.585	0.541	0.539	7.45
11) T	Tert butyl alc...	0.053	0.040	0.037	0.034	0.041	0.035	0.040	17.70
12) CM	1,1-Dichloroet...	0.508	0.487	0.491	0.471	0.476	0.471	0.484	2.99#
13) T	Acrolein	0.060	0.053	0.056	0.056	0.060	0.059	0.057	4.95
14) T	Allyl chloride	0.757	0.732	0.778	0.768	0.793	0.773	0.767	2.73
15) T	Acrylonitrile	0.109	0.106	0.111	0.115	0.128	0.118	0.115	6.88
16) T	Acetone	0.148	0.138	0.137	0.135	0.150	0.133	0.140	5.11
17) T	Carbon Disulfide	1.644	1.610	1.618	1.519	1.521	1.461	1.562	4.61
18) T	Methyl Acetate	0.273	0.264	0.262	0.257	0.299	0.270	0.271	5.52
19) T	Methyl tert-bu...	1.182	1.158	1.200	1.242	1.355	1.287	1.237	5.95
20) T	Methylene Chlo...	0.755	0.662	0.582	0.530	0.530	0.500	0.593	16.49
21) T	trans-1,2-Dich...	0.553	0.537	0.543	0.526	0.539	0.518	0.536	2.29
22) T	Diisopropyl ether	1.573	1.622	1.710	1.688	1.725	1.631	1.658	3.55
23) T	Vinyl Acetate	0.839	0.849	0.907	0.959	1.028	0.951	0.922	7.83
24) P	1,1-Dichloroet...	1.012	0.982	0.989	0.955	0.968	0.947	0.976	2.44
25) T	2-Butanone	0.169	0.163	0.163	0.169	0.192	0.171	0.171	6.36
26) T	2,2-Dichloropr...	0.936	0.888	0.857	0.838	0.850	0.819	0.865	4.83
27) T	cis-1,2-Dichlo...	0.636	0.620	0.623	0.611	0.632	0.613	0.622	1.59
28) T	Bromochloromet...	0.437	0.400	0.405	0.399	0.408	0.386	0.406	4.17
29) T	Tetrahydrofuran	0.090	0.085	0.090	0.098	0.112	0.099	0.095	10.05
30) C	Chloroform	1.025	0.991	0.996	0.961	0.969	0.943	0.981	2.97#
31) T	Cyclohexane	1.060	0.953	0.937	0.896	0.903	0.867	0.936	7.24
32) T	1,1,1-Trichlor...	0.893	0.885	0.882	0.851	0.869	0.844	0.871	2.28
33) S	1,2-Dichloroet...	0.508	0.478	0.483	0.492	0.486	0.475	0.487	2.47
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.299	0.285	0.297	0.303	0.299	0.295	0.296	2.12
36) T	1,1-Dichloropr...	0.455	0.446	0.462	0.451	0.466	0.444	0.454	1.90
37) T	Ethyl Acetate	0.209	0.185	0.210	0.217	0.243	0.218	0.214	8.68
38) T	Carbon Tetrach...	0.514	0.490	0.502	0.494	0.507	0.483	0.498	2.30
39) T	Methylcyclohexane	0.598	0.572	0.591	0.604	0.631	0.603	0.600	3.22
40) TM	Benzene	1.415	1.388	1.434	1.383	1.410	1.355	1.398	2.00
41) T	Methacrylonitrile	0.112	0.090	0.109	0.104	0.115	0.109	0.107	8.32
42) TM	1,2-Dichloroet...	0.365	0.354	0.358	0.359	0.372	0.354	0.360	1.97
43) T	Isopropyl Acetate	0.373	0.354	0.374	0.407	0.465	0.421	0.399	10.15
44) TM	Trichloroethene	0.366	0.347	0.371	0.355	0.362	0.350	0.359	2.63
45) C	1,2-Dichloropr...	0.324	0.325	0.336	0.329	0.339	0.324	0.330	1.99#
46) T	Dibromomethane	0.176	0.169	0.182	0.178	0.190	0.178	0.179	3.87
47) T	Bromodichlorom...	0.468	0.460	0.468	0.463	0.484	0.460	0.467	1.89
48) T	Methyl methacr...	0.154	0.163	0.179	0.199	0.224	0.208	0.188	14.38
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	11.97
50) S	Toluene-d8	1.161	1.125	1.183	1.212	1.209	1.170	1.176	2.76
51) T	4-Methyl-2-Pen...	0.183	0.185	0.199	0.219	0.252	0.223	0.210	12.64
52) CM	Toluene	0.818	0.831	0.883	0.892	0.908	0.866	0.866	4.11#
53) T	t-1,3-Dichloro...	0.399	0.394	0.415	0.438	0.473	0.450	0.428	7.24
54) T	cis-1,3-Dichlo...	0.488	0.489	0.509	0.516	0.548	0.526	0.512	4.47
55) T	1,1,2-Trichlor...	0.233	0.230	0.235	0.242	0.257	0.240	0.240	4.00
56) T	Ethyl methacry...	0.246	0.264	0.289	0.335	0.389	0.363	0.314	18.10

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57)	T	1,3-Dichloropr...	0.410	0.388	0.411	0.422	0.453	0.423	0.418	5.13
58)	T	2-Chloroethyl ...	0.126	0.125	0.143	0.157	0.182	0.173	0.151	15.83
59)	T	2-Hexanone	0.131	0.135	0.147	0.162	0.190	0.167	0.155	14.19
60)	T	Dibromochlorom...	0.305	0.308	0.321	0.322	0.347	0.326	0.321	4.66
61)	T	1,2-Dibromoethane	0.218	0.207	0.219	0.220	0.243	0.226	0.222	5.36
62)	S	4-Bromofluorob...	0.388	0.362	0.381	0.395	0.406	0.390	0.387	3.81
-----ISTD-----										
63)	I	Chlorobenzene-d5								
64)	T	Tetrachloroethene	0.525	0.455	0.510	0.470	0.442	0.445	0.474	7.39
65)	PM	Chlorobenzene	1.100	1.091	1.118	1.093	1.109	1.074	1.098	1.41
66)	T	1,1,1,2-Tetrac...	0.375	0.369	0.378	0.370	0.379	0.367	0.373	1.30
67)	C	Ethyl Benzene	1.779	1.789	1.887	1.918	1.967	1.907	1.875	4.00#
68)	T	m/p-Xylenes	0.676	0.695	0.739	0.743	0.754	0.728	0.722	4.23
69)	T	o-Xylene	0.633	0.643	0.679	0.690	0.724	0.695	0.677	5.04
70)	T	Styrene	0.995	1.047	1.117	1.162	1.210	1.163	1.116	7.23
71)	P	Bromoform	0.214	0.209	0.209	0.216	0.237	0.221	0.217	4.85
-----ISTD-----										
72)	I	1,4-Dichlorobenzen...								
73)	T	Isopropylbenzene	3.390	3.431	3.571	3.610	3.701	3.590	3.549	3.29
74)	T	N-amyl acetate	0.674	0.683	0.732	0.829	0.955	0.884	0.793	14.46
75)	P	1,1,2,2-Tetrac...	0.580	0.573	0.524	0.576	0.654	0.599	0.584	7.23
76)	T	1,2,3-Trichlor...	0.433	0.421	0.421	0.443	0.459	0.431	0.435	3.33
77)	T	Bromobenzene	0.853	0.803	0.831	0.824	0.864	0.832	0.835	2.59
78)	T	n-propylbenzene	4.145	4.171	4.298	4.354	4.441	4.227	4.272	2.65
79)	T	2-Chlorotoluene	2.424	2.415	2.477	2.468	2.537	2.432	2.459	1.86
80)	T	1,3,5-Trimethy...	2.752	2.833	2.889	2.968	3.022	2.917	2.897	3.33
81)	T	trans-1,4-Dich...	0.183	0.196	0.191	0.207	0.237	0.221	0.206	9.76
82)	T	4-Chlorotoluene	2.476	2.496	2.542	2.559	2.590	2.490	2.525	1.78
83)	T	tert-Butylbenzene	2.516	2.443	2.587	2.642	2.784	2.642	2.602	4.53
84)	T	1,2,4-Trimethy...	2.707	2.817	2.933	2.962	3.046	2.905	2.895	4.09
85)	T	sec-Butylbenzene	3.766	3.693	3.840	3.936	4.003	3.812	3.842	2.94
86)	T	p-Isopropyltol...	3.072	3.084	3.201	3.315	3.371	3.224	3.211	3.74
87)	T	1,3-Dichlorobe...	1.696	1.674	1.670	1.654	1.698	1.645	1.673	1.29
88)	T	1,4-Dichlorobe...	1.798	1.678	1.645	1.635	1.661	1.601	1.670	4.07
89)	T	n-Butylbenzene	2.804	2.737	2.895	3.054	3.144	3.031	2.944	5.36
90)	T	Hexachloroethane	0.712	0.678	0.659	0.662	0.683	0.655	0.675	3.18
91)	T	1,2-Dichlorobe...	1.489	1.439	1.456	1.460	1.501	1.431	1.463	1.89
92)	T	1,2-Dibromo-3-...	0.104	0.094	0.085	0.095	0.110	0.100	0.098	8.67
93)	T	1,2,4-Trichlor...	0.855	0.777	0.835	0.877	0.949	0.940	0.872	7.48
94)	T	Hexachlorobuta...	0.587	0.539	0.531	0.529	0.545	0.528	0.543	4.14
95)	T	Naphthalene	1.202	1.170	1.301	1.527	1.836	1.790	1.471	19.93
96)	T	1,2,3-Trichlor...	0.711	0.658	0.710	0.740	0.817	0.820	0.743	8.69

(#) = Out of Range