

Method Path : Z:\voasrv\HPCHEM1\MSVOA_R\methods\
 Method File : 82R120425S.M
 Title : SW846 8260
 Last Update : Fri Dec 05 04:05:32 2025
 Response Via : Initial Calibration

Calibration Files

5 =VR026790.D 10 =VR026791.D 20 =VR026792.D 50 =VR026793.D 100 =VR026794.D

Compound		5	10	20	50	100	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoro...	0.554	0.537	0.594	0.583	0.552	0.564	4.23
3) P	Chloromethane	0.854	0.765	0.753	0.769	0.754	0.779	5.46
4) C	Vinyl Chloride	0.881	0.865	0.806	0.879	0.844	0.855	3.66#
5) T	Bromomethane	0.718	0.675	0.814	0.684	0.743	0.727	7.71
6) T	Chloroethane	0.601	0.580	0.543	0.604	0.630	0.592	5.49
7) T	Trichlorofluorom...	1.531	1.296	1.259	1.408	1.323	1.363	7.96
8) T	Diethyl Ether	0.247	0.334	0.300	0.360	0.355	0.319	14.64
9) T	1,1,2-Trichlorot...	0.663	0.636	0.646	0.626	0.627	0.640	2.42
10) T	Methyl Iodide	0.513	0.501	0.557	0.679	0.812	0.613	21.55
11) T	Tert butyl alcohol	0.430	0.207	0.196	0.100	0.085	0.204	67.66
12) CM	1,1-Dichloroethene	0.613	0.638	0.595	0.642	0.636	0.625	3.22#
13) T	Acrolein	0.025	0.020	0.021	0.007	0.005	0.016	57.24
14) T	Allyl chloride	1.120	1.087	1.081	1.207	1.210	1.141	5.54
15) T	Acrylonitrile	0.163	0.168	0.177	0.205	0.202	0.183	10.72
16) T	Acetone	0.305	0.261	0.294	0.236	0.228	0.265	12.81
17) T	Carbon Disulfide	2.058	1.873	1.813	1.925	1.868	1.908	4.89
18) T	Methyl Acetate	0.461	0.415	0.415	0.661	0.621	0.515	22.89
19) T	Methyl tert-buty...	1.434	1.482	1.592	1.757	1.762	1.605	9.46
20) T	Methylene Chloride	0.891	0.765	0.709	0.737	0.693	0.759	10.37
21) T	trans-1,2-Dichlo...	0.726	0.668	0.642	0.660	0.706	0.680	5.07
22) T	Diisopropyl ether	2.315	2.147	2.239	2.432	2.460	2.319	5.64
23) T	Vinyl Acetate	0.997	1.069	1.132	1.229	1.242	1.134	9.22
24) P	1,1-Dichloroethane	1.384	1.256	1.236	1.334	1.304	1.303	4.56
25) T	2-Butanone	0.330	0.328	0.346	0.314	0.314	0.326	4.10
26) T	2,2-Dichloropropane	1.234	1.055	1.030	1.128	1.186	1.126	7.62
27) T	cis-1,2-Dichloro...	0.816	0.749	0.735	0.823	0.850	0.794	6.27
28) T	Bromochloromethane	0.509	0.542	0.546	0.572	0.570	0.548	4.62
29) T	Tetrahydrofuran	0.146	0.127	0.141	0.173	0.165	0.150	12.20
30) C	Chloroform	1.243	1.150	1.143	1.227	1.223	1.197	3.94#
31) T	Cyclohexane	1.474	1.395	1.334	1.405	1.391	1.400	3.58
32) T	1,1,1-Trichloroe...	1.025	1.001	0.966	1.093	1.120	1.041	6.17
33) S	1,2-Dichloroetha...	0.599	0.572	0.576	0.670	0.625	0.608	6.63
34) I	1,4-Difluorobenzene	-----ISTD-----						
35) S	Dibromofluoromet...	0.265	0.279	0.263	0.308	0.301	0.283	7.25
36) T	1,1-Dichloropropene	0.503	0.539	0.480	0.523	0.572	0.523	6.71
37) T	Ethyl Acetate	0.258	0.233	0.264	0.282	0.315	0.270	11.35
38) T	Carbon Tetrachlo...	0.465	0.443	0.430	0.475	0.512	0.465	6.87
39) T	Methylcyclohexane	0.838	0.752	0.741	0.758	0.813	0.781	5.46
40) TM	Benzene	1.639	1.509	1.549	1.610	1.704	1.602	4.75
41) T	Methacrylonitrile	0.165	0.129	0.157	0.185	0.184	0.164	14.13
42) TM	1,2-Dichloroethane	0.401	0.375	0.366	0.408	0.432	0.397	6.68
43) T	Isopropyl Acetate	0.507	0.497	0.520	0.597	0.627	0.550	10.65
44) TM	Trichloroethene	0.368	0.373	0.374	0.389	0.401	0.381	3.64
45) C	1,2-Dichloropropane	0.386	0.373	0.353	0.396	0.419	0.385	6.49#
46) T	Dibromomethane	0.191	0.182	0.187	0.211	0.216	0.197	7.65
47) T	Bromodichloromet...	0.471	0.478	0.467	0.515	0.532	0.493	5.93
48) T	Methyl methacrylate	0.265	0.248	0.236	0.295	0.308	0.270	11.29
49) T	1,4-Dioxane	0.003	0.003	0.004	0.004	0.005	0.004	15.68
50) S	Toluene-d8	1.238	1.422	1.205	1.425	1.383	1.334	7.89
51) T	4-Methyl-2-Penta...	0.262	0.248	0.282	0.332	0.336	0.292	13.80
52) CM	Toluene	1.092	1.029	1.016	1.096	1.135	1.074	4.65#
53) T	t-1,3-Dichloropr...	0.450	0.475	0.493	0.544	0.570	0.506	9.76
54) T	cis-1,3-Dichloro...	0.616	0.565	0.565	0.620	0.660	0.605	6.69
55) T	1,1,2-Trichloroe...	0.285	0.249	0.276	0.309	0.301	0.284	8.17
56) T	Ethyl methacrylate	0.378	0.353	0.416	0.466	0.488	0.420	13.54

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57)	T	1,3-Dichloropropane	0.529	0.470	0.485	0.537	0.555	0.515	7.01
58)	T	2-Chloroethyl Vi...	0.018	0.017	0.026	0.035	0.030	0.025	29.96
59)	T	2-Hexanone	0.243	0.252	0.275	0.256	0.269	0.259	5.04
60)	T	Dibromochloromet...	0.253	0.286	0.311	0.336	0.349	0.307	12.65
61)	T	1,2-Dibromoethane	0.257	0.249	0.262	0.284	0.285	0.267	6.09
62)	S	4-Bromofluoroben...	0.509	0.450	0.489	0.572	0.544	0.513	9.24
63)	I	Chlorobenzene-d5	-----ISTD-----						
64)	T	Tetrachloroethene	0.382	0.346	0.306	0.332	0.364	0.346	8.48
65)	PM	Chlorobenzene	1.203	1.197	1.170	1.238	1.310	1.223	4.40
66)	T	1,1,1,2-Tetrachl...	0.339	0.300	0.310	0.348	0.373	0.334	8.85
67)	C	Ethyl Benzene	2.174	2.114	2.090	2.263	2.362	2.201	5.09#
68)	T	m/p-Xylenes	0.876	0.836	0.804	0.870	0.919	0.861	5.02
69)	T	o-Xylene	0.801	0.767	0.802	0.868	0.901	0.828	6.62
70)	T	Styrene	1.303	1.349	1.360	1.498	1.582	1.419	8.24
71)	P	Bromoform	0.155	0.147	0.156	0.195	0.210	0.173	16.06
72)	I	1,4-Dichlorobenzen...	-----ISTD-----						
73)	T	Isopropylbenzene	3.492	3.269	3.230	3.684	3.604	3.456	5.81
74)	T	N-ethyl acetate	0.799	0.830	0.889	1.083	1.129	0.946	15.91
75)	P	1,1,2,2-Tetrachl...	0.488	0.497	0.539	0.667	0.728	0.584	18.43
76)	T	1,2,3-Trichlorop...	0.601	0.459	0.444	0.628	0.520	0.530	15.52
77)	T	Bromobenzene	0.717	0.667	0.709	0.808	0.794	0.739	8.06
78)	T	n-propylbenzene	4.502	4.144	4.245	4.716	4.645	4.450	5.59
79)	T	2-Chlorotoluene	2.212	2.295	2.238	2.586	2.708	2.408	9.32
80)	T	1,3,5-Trimethylb...	2.990	2.713	2.804	3.257	3.329	3.019	8.98
81)	T	trans-1,4-Dichlo...	0.173	0.188	0.189	0.219	0.238	0.201	13.17
82)	T	4-Chlorotoluene	2.561	2.386	2.447	2.801	2.885	2.616	8.36
83)	T	tert-Butylbenzene	2.624	2.559	2.457	2.944	3.018	2.720	9.07
84)	T	1,2,4-Trimethylb...	3.126	3.125	3.087	3.325	3.537	3.240	5.87
85)	T	sec-Butylbenzene	4.320	3.978	4.004	4.537	4.603	4.288	6.79
86)	T	p-Isopropyltoluene	3.695	3.719	3.476	3.833	4.162	3.777	6.65
87)	T	1,3-Dichlorobenzene	1.774	1.722	1.742	1.780	1.924	1.788	4.43
88)	T	1,4-Dichlorobenzene	1.907	1.919	1.767	1.868	1.978	1.888	4.14
89)	T	n-Butylbenzene	3.628	3.705	3.623	4.129	4.381	3.893	8.82
90)	T	Hexachloroethane	0.566	0.525	0.532	0.589	0.738	0.590	14.71
91)	T	1,2-Dichlorobenzene	1.658	1.523	1.503	1.702	1.822	1.642	8.05
92)	T	1,2-Dibromo-3-Ch...	0.097	0.084	0.120	0.115	0.124	0.108	15.76
93)	T	1,2,4-Trichlorob...	0.896	0.955	0.970	1.233	1.216	1.054	15.03
94)	T	Hexachlorobutadiene	0.443	0.457	0.439	0.538	0.556	0.487	11.50
95)	T	Naphthalene	1.518	1.400	1.666	2.344	2.378	1.861	25.04
96)	T	1,2,3-Trichlorob...	0.713	0.812	0.834	1.047	1.074	0.896	17.55

(#) = Out of Range