

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y022322S.M
 Title : SW846 8260
 Last Update : Thu Feb 24 07:13:58 2022
 Response Via : Initial Calibration

Calibration Files

5 =VY007593.D 10 =VY007594.D 20 =VY007595.D 50 =VY007596.D 150 =VY007598.D

Compound		5	10	20	50	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoro...	0.711	0.662	0.673	0.502	0.545	0.618	14.58
3) P	Chloromethane	0.775	0.681	0.675	0.505	0.627	0.653	15.06
4) C	Vinyl Chloride	0.800	0.751	0.772	0.612	0.733	0.734	9.88#
5) T	Bromomethane	0.712	0.559	0.516	0.442	0.427	0.531	21.52
6) T	Chloroethane	0.519	0.457	0.485	0.389	0.484	0.467	10.48
7) T	Trichlorofluorom...	1.649	1.297	1.428	1.192	1.508	1.415	12.62
8) T	Diethyl Ether	0.376	0.350	0.373	0.317	0.389	0.361	7.87
9) T	1,1,2-Trichlorot...	0.701	0.605	0.628	0.521	0.585	0.608	10.76
10) T	Methyl Iodide	0.714	0.666	0.782	0.708	0.839	0.742	9.19
11) T	Tert butyl alcohol	0.053	0.060	0.056	0.049	0.063	0.056	9.96
12) CM	1,1-Dichloroethene	0.611	0.557	0.616	0.498	0.541	0.565	8.78#
13) T	Acrolein	0.061	0.080	0.078	0.061	0.078	0.072	13.48
14) T	Allyl chloride	0.534	0.544	0.550	0.467	0.516	0.522	6.43
15) T	Acrylonitrile	0.122	0.132	0.126	0.110	0.132	0.125	7.16
16) T	Acetone	0.122	0.130	0.124	0.112	0.146	0.127	9.79
17) T	Carbon Disulfide	1.662	1.394	1.526	1.152	1.285	1.404	14.21
18) T	Methyl Acetate	0.358	0.285	0.286	0.227	0.282	0.288	16.09
19) T	Methyl tert-buty...	1.543	1.515	1.563	1.335	1.634	1.518	7.35
20) T	Methylene Chloride	0.847	0.795	0.723	0.552	0.584	0.700	18.39
21) T	trans-1,2-Dichlo...	0.635	0.580	0.605	0.471	0.526	0.563	11.65
22) T	Diisopropyl ether	1.182	1.171	1.196	0.917	1.019	1.097	11.25
23) T	Vinyl Acetate	0.726	0.849	0.828	0.702	0.851	0.791	9.03
24) P	1,1-Dichloroethane	0.888	0.849	0.907	0.727	0.818	0.838	8.46
25) T	2-Butanone	0.132	0.155	0.149	0.124	0.159	0.144	10.67
26) T	2,2-Dichloropropane	1.015	0.936	0.973	0.810	0.970	0.941	8.29
27) T	cis-1,2-Dichloro...	0.695	0.664	0.699	0.572	0.639	0.654	7.94
28) T	Bromochloromethane	0.280	0.308	0.284	0.249	0.307	0.286	8.46
29) T	Tetrahydrofuran	0.081	0.093	0.085	0.069	0.089	0.084	11.11
30) C	Chloroform	1.145	1.101	1.121	0.922	1.074	1.073	8.22#
31) T	Cyclohexane	1.005	0.763	0.722	0.529	0.566	0.717	26.39
32) T	1,1,1-Trichloroe...	1.165	1.061	1.124	0.903	1.081	1.067	9.35
33) S	1,2-Dichloroetha...	0.544	0.498	0.594	0.478	0.668	0.556	13.80
34) I	1,4-Difluorobenzene	-----ISTD-----						
35) S	Dibromofluoromet...	0.309	0.268	0.361	0.278	0.361	0.315	14.02
36) T	1,1-Dichloropropene	0.528	0.466	0.476	0.385	0.417	0.455	12.18
37) T	Ethyl Acetate	0.205	0.237	0.194	0.167	0.220	0.205	12.87
38) T	Carbon Tetrachlo...	0.744	0.683	0.667	0.567	0.668	0.666	9.55
39) T	Methylcyclohexane	0.700	0.615	0.614	0.480	0.508	0.583	15.28
40) TM	Benzene	1.447	1.337	1.356	1.108	1.238	1.297	9.97
41) T	Methacrylonitrile	0.111	0.126	0.109	0.106	0.113	0.113	6.75
42) TM	1,2-Dichloroethane	0.489	0.476	0.489	0.412	0.510	0.475	7.88
43) T	Isopropyl Acetate	0.402	0.447	0.426	0.359	0.456	0.418	9.31
44) TM	Trichloroethene	0.541	0.434	0.445	0.372	0.409	0.440	14.27
45) C	1,2-Dichloropropane	0.295	0.287	0.289	0.240	0.270	0.276	8.03#
46) T	Dibromomethane	0.249	0.235	0.245	0.205	0.249	0.237	7.85
47) T	Bromodichloromet...	0.572	0.521	0.552	0.469	0.552	0.533	7.53
48) T	Methyl methacrylate	0.169	0.194	0.177	0.150	0.192	0.176	10.21
49) T	1,4-Dioxane	0.003	0.003	0.003	0.003	0.003	0.003	11.45
50) S	Toluene-d8	1.113	0.881	1.260	0.900	1.255	1.082	17.03
51) T	4-Methyl-2-Penta...	0.199	0.226	0.208	0.183	0.236	0.210	10.02
52) CM	Toluene	1.025	0.917	0.900	0.733	0.850	0.885	12.02#
53) T	t-1,3-Dichloropr...	0.583	0.538	0.561	0.435	0.558	0.535	10.82
54) T	cis-1,3-Dichloro...	0.575	0.596	0.592	0.488	0.573	0.565	7.80
55) T	1,1,2-Trichloroe...	0.308	0.331	0.320	0.249	0.317	0.305	10.52
56) T	Ethyl methacrylate	0.347	0.386	0.370	0.303	0.390	0.359	9.92

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57)	T	1,3-Dichloropropane	0.482	0.486	0.483	0.397	0.492	0.468	8.54
58)	T	2-Chloroethyl Vi...	0.152	0.176	0.174	0.165	0.207	0.175	11.76
59)	T	2-Hexanone	0.145	0.159	0.148	0.128	0.170	0.150	10.58
60)	T	Dibromochloromet...	0.396	0.410	0.437	0.358	0.460	0.412	9.46
61)	T	1,2-Dibromoethane	0.322	0.303	0.324	0.262	0.324	0.307	8.65
62)	S	4-Bromofluoroben...	0.435	0.366	0.441	0.311	0.442	0.399	14.70
63)	I	Chlorobenzene-d5	-----ISTD-----						
64)	T	Tetrachloroethene	0.546	0.470	0.454	0.359	0.376	0.441	17.27
65)	PM	Chlorobenzene	1.255	1.090	1.120	0.943	1.041	1.090	10.47
66)	T	1,1,1,2-Tetrachl...	0.463	0.445	0.444	0.382	0.425	0.432	7.20
67)	C	Ethyl Benzene	2.104	1.833	1.890	1.575	1.738	1.828	10.65#
68)	T	m/p-Xylenes	0.843	0.725	0.735	0.601	0.675	0.716	12.37
69)	T	o-Xylene	0.804	0.752	0.721	0.586	0.656	0.704	12.05
70)	T	Styrene	1.362	1.196	1.227	0.992	1.111	1.178	11.68
71)	P	Bromoform	0.305	0.316	0.279	0.242	0.288	0.286	10.03
72)	I	1,4-Dichlorobenzen...	-----ISTD-----						
73)	T	Isopropylbenzene	4.473	3.911	4.058	3.444	3.370	3.851	11.83
74)	T	N-ethyl acetate	0.671	0.786	0.768	0.725	0.800	0.750	6.97
75)	P	1,1,2,2-Tetrachl...	0.657	0.781	0.729	0.634	0.691	0.698	8.39
76)	T	1,2,3-Trichlorop...	0.513	0.544	0.493	0.453	0.499	0.500	6.62
77)	T	Bromobenzene	1.123	1.026	1.055	0.895	0.922	1.004	9.45
78)	T	n-propylbenzene	5.098	4.466	4.752	4.006	3.919	4.448	11.18
79)	T	2-Chlorotoluene	2.919	2.483	2.569	2.167	2.244	2.476	12.02
80)	T	1,3,5-Trimethylb...	3.675	3.410	3.388	2.964	2.946	3.276	9.60
81)	T	trans-1,4-Dichlo...	0.225	0.266	0.222	0.213	0.237	0.233	8.82
82)	T	4-Chlorotoluene	2.859	2.569	2.609	2.278	2.312	2.525	9.43
83)	T	tert-Butylbenzene	3.314	2.977	3.058	2.659	2.632	2.928	9.78
84)	T	1,2,4-Trimethylb...	3.643	3.260	3.270	2.909	2.975	3.211	9.07
85)	T	sec-Butylbenzene	4.834	4.190	4.268	3.729	3.666	4.137	11.43
86)	T	p-Isopropyltoluene	4.147	3.549	3.706	3.253	3.122	3.555	11.36
87)	T	1,3-Dichlorobenzene	2.108	1.893	1.960	1.688	1.676	1.865	9.88
88)	T	1,4-Dichlorobenzene	2.058	1.799	1.908	1.644	1.721	1.826	8.89
89)	T	n-Butylbenzene	3.711	3.220	3.309	2.932	2.833	3.201	10.82
90)	T	Hexachloroethane	0.826	0.684	0.739	0.655	0.679	0.717	9.56
91)	T	1,2-Dichlorobenzene	1.856	1.744	1.746	1.545	1.580	1.694	7.61
92)	T	1,2-Dibromo-3-Ch...	0.125	0.144	0.141	0.136	0.156	0.140	8.08
93)	T	1,2,4-Trichlorob...	1.317	1.147	1.225	1.092	1.127	1.181	7.62
94)	T	Hexachlorobutadiene	0.726	0.621	0.711	0.627	0.592	0.655	9.05
95)	T	Naphthalene	2.469	2.539	2.614	2.402	2.653	2.536	4.06
96)	T	1,2,3-Trichlorob...	1.044	1.003	1.072	0.960	1.025	1.021	4.16

(#) = Out of Range