

Method Path : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\
 Method File : 82X062320W.M
 Title : SW846 8260
 Last Update : Wed Jun 24 01:00:35 2020
 Response Via : Initial Calibration

Calibration Files

1 =VX016932.D 5 =VX016933.D 20 =VX016934.D
 50 =VX016935.D 100 =VX016936.D 150 =VX016937.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.521	0.459	0.666	0.583	0.685	0.584	0.583	14.63
3) P	Chloromethane	0.612	0.531	0.486	0.520	0.586	0.559	0.549	8.35
4) C	Vinyl Chloride	0.581	0.495	0.513	0.527	0.598	0.580	0.549	7.77#
5) T	Bromomethane		0.286	0.299	0.307	0.297	0.287	0.295	2.94
6) T	Chloroethane	0.494	0.378	0.342	0.358	0.406	0.407	0.398	13.57
7) T	Trichlorofluorome	1.111	0.868	0.876	0.905	1.037	1.011	0.968	10.27
8) T	Diethyl Ether	0.442	0.357	0.327	0.325	0.380	0.377	0.368	11.83
9) T	1,1,2-Trichlorotr	0.678	0.494	0.448	0.517	0.582	0.520	0.540	14.87
10) T	Methyl Iodide		0.555	0.669	0.700	0.802	0.755	0.696	13.53
11) T	Tert butyl alcoho		0.165	0.163	0.163	0.188	0.152	0.166	7.90
12) CM	1,1-Dichloroethen	0.579	0.484	0.429	0.493	0.555	0.510	0.508	10.51#
13) T	Acrolein		0.057	0.076	0.086	0.107	0.112	0.087	25.78
14) T	Allyl chloride	1.326	1.118	1.091	1.128	1.290	1.024	1.163	10.21
15) T	Acrylonitrile	0.367	0.346	0.349	0.360	0.410	0.344	0.363	6.88
16) T	Acetone	0.341	0.290	0.262	0.285	0.326	0.297	0.300	9.57
17) T	Carbon Disulfide	2.153	1.539	1.399	1.490	1.647	1.362	1.598	18.15
18) T	Methyl Acetate	1.133	0.967	0.945	0.963	1.078	0.877	0.994	9.44
19) T	Methyl tert-butyl	2.439	2.111	2.039	2.132	2.443	2.019	2.197	8.81
20) T	Methylene Chlorid	1.030	0.764	0.667	0.670	0.749	0.612	0.749	19.89
21) T	trans-1,2-Dichlor	0.776	0.615	0.573	0.586	0.686	0.567	0.634	12.94
22) T	Diisopropyl ether	2.230	1.723	1.809	1.825	2.536	2.151	2.046	15.37
23) T	Vinyl Acetate	1.577	1.343	1.542	1.521	2.118	1.812	1.652	16.52
24) P	1,1-Dichloroethan	1.454	1.120	1.137	0.949	1.297	1.111	1.178	14.80
25) T	2-Butanone	0.517	0.400	0.407	0.483	0.550	0.485	0.474	12.61
26) T	2,2-Dichloropropa	1.392	0.880	0.846	1.004	1.105	0.988	1.036	19.11
27) T	cis-1,2-Dichloroe	0.998	0.614	0.563	0.662	0.766	0.673	0.713	21.79
28) T	Bromochloromethan	0.779	0.595	0.520	0.582	0.638	0.558	0.612	14.81
29) T	Tetrahydrofuran	0.311	0.300	0.305	0.330	0.362	0.317	0.321	7.06
30) C	Chloroform	1.338	1.210	1.130	1.244	1.355	1.170	1.241	7.26#
31) T	Cyclohexane		0.975	0.924	0.956	0.919	0.918	0.939	2.76
32) T	1,1,1-Trichloroet	1.163	1.055	1.021	1.062	1.190	1.038	1.088	6.46
33) S	1,2-Dichloroethan		0.901	0.744	0.738	0.780	0.791	0.791	8.29
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.356	0.319	0.326	0.359	0.351	0.342	5.42
36) T	1,1-Dichloroprope	0.508	0.463	0.457	0.510	0.447	0.477	0.477	5.55
37) T	Ethyl Acetate	0.539	0.436	0.482	0.569	0.549	0.569	0.524	10.28
38) T	Carbon Tetrachlor	0.504	0.481	0.503	0.557	0.494	0.521	0.510	5.16
39) T	Methylcyclohexane	0.508	0.508	0.492	0.554	0.569	0.522	0.526	5.67
40) TM	Benzene	1.328	1.369	1.293	1.481	1.326	1.399	1.366	4.94
41) T	Methacrylonitrile	0.265	0.284	0.288	0.333	0.335	0.326	0.305	9.78
42) TM	1,2-Dichloroethan	0.586	0.567	0.540	0.578	0.532	0.561	0.561	3.72
43) T	Isopropyl Acetate	0.925	0.911	0.724	0.966	0.981	0.970	0.913	10.55
44) TM	Trichloroethene	0.451	0.319	0.357	0.377	0.423	0.367	0.382	12.35
45) C	1,2-Dichloropropa	0.373	0.363	0.359	0.372	0.427	0.378	0.378	6.48#
46) T	Dibromomethane	0.247	0.257	0.247	0.268	0.291	0.259	0.262	6.28
47) T	Bromodichlorometh	0.548	0.514	0.507	0.524	0.625	0.574	0.549	8.15
48) T	Methyl methacryla	0.399	0.369	0.397	0.389	0.520	0.474	0.424	13.84
49) T	1,4-Dioxane	0.009	0.009	0.009	0.009	0.010	0.009	0.009	7.07
50) S	Toluene-d8		1.240	1.121	1.191	1.177	1.306	1.207	5.77
51) T	4-Methyl-2-Pentan	0.433	0.511	0.474	0.564	0.615	0.593	0.532	13.32
52) CM	Toluene	0.796	0.863	0.779	0.856	0.841	0.901	0.839	5.36#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.632	0.589	0.577	0.665	0.665	0.661	0.632	6.26
54) T	cis-1,3-Dichlorop	0.590	0.546	0.564	0.564	0.733	0.660	0.609	11.93
55) T	1,1,2-Trichloroet	0.374	0.360	0.360	0.373	0.423	0.390	0.380	6.23
56) T	Ethyl methacrylat	0.552	0.499	0.525	0.618	0.694	0.645	0.589	12.82
57) T	1,3-Dichloropropa	0.597	0.629	0.589	0.623	0.718	0.667	0.637	7.55
58) T	2-Chloroethyl Vin	0.206	0.240	0.256	0.257	0.171	0.318	0.241	20.74
59) T	2-Hexanone	0.281	0.382	0.406	0.454	0.484	0.437	0.407	17.58
60) T	Dibromochlorometh	0.369	0.308	0.410	0.466	0.485	0.457	0.416	16.30
61) T	1,2-Dibromoethane	0.376	0.301	0.382	0.432	0.444	0.413	0.391	13.27
62) S	4-Bromofluorobenz		0.505	0.393	0.493	0.506	0.534	0.486	11.18
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.362	0.413	0.324	0.293	0.325	0.320	0.339	12.45
65) PM	Chlorobenzene	1.109	1.037	0.960	1.006	1.013	1.003	1.021	4.87
66) T	1,1,1,2-Tetrachlo	0.428	0.389	0.382	0.392	0.391	0.392	0.396	4.06
67) C	Ethyl Benzene	2.004	1.845	1.687	1.810	1.820	1.792	1.826	5.63#
68) T	m/p-Xylenes	0.711	0.693	0.631	0.654	0.669	0.665	0.671	4.24
69) T	o-Xylene	0.544	0.696	0.626	0.651	0.667	0.659	0.641	8.18
70) T	Styrene	0.844	1.139	1.062	1.157	1.165	1.175	1.090	11.67
71) P	Bromoform	0.273	0.339	0.277	0.291	0.275	0.310	0.294	8.84
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.102	3.544	3.671	4.563	3.682	3.699	3.710	12.80
74) T	N-amyl acetate	1.717	1.711	1.676	2.230	1.959	1.848	1.857	11.39
75) P	1,1,2,2-Tetrachlo	1.281	1.249	1.154	1.427	1.156	1.182	1.241	8.39
76) T	1,2,3-Trichloropr	1.160	1.201	1.172	1.441	1.128	1.092	1.199	10.37
77) T	Bromobenzene	0.943	0.909	0.860	1.051	0.852	0.851	0.911	8.58
78) T	n-propylbenzene	3.865	4.163	3.503	5.074	4.503	4.270	4.230	12.76
79) T	2-Chlorotoluene	2.762	2.620	2.298	3.243	2.646	2.499	2.678	11.89
80) T	1,3,5-Trimethylbe	3.126	3.020	2.770	3.518	3.301	3.013	3.125	8.28
81) T	trans-1,4-Dichlor		0.414	0.457	0.575	0.486	0.472	0.481	12.34
82) T	4-Chlorotoluene	3.550	3.134	2.697	3.574	3.289	2.993	3.206	10.53
83) T	tert-Butylbenzene	2.521	2.878	2.855	3.753	3.401	2.948	3.059	14.43
84) T	1,2,4-Trimethylbe	2.894	3.076	3.050	3.544	3.031	3.031	3.104	7.24
85) T	sec-Butylbenzene	3.392	3.463	3.238	3.685	3.435	3.494	3.451	4.22
86) T	p-Isopropyltoluen	3.098	3.107	3.134	3.291	3.381	3.153	3.194	3.61
87) T	1,3-Dichlorobenze	1.875	1.656	1.460	1.583	1.683	1.572	1.638	8.51
88) T	1,4-Dichlorobenze	2.073	1.681	1.566	1.635	1.517	1.588	1.677	12.07
89) T	n-Butylbenzene	3.151	2.820	2.670	3.166	3.273	3.066	3.024	7.64
90) T	Hexachloroethane	0.604	0.604	0.537	0.685	0.693	0.642	0.627	9.29
91) T	1,2-Dichlorobenze	1.805	1.539	1.359	1.599	1.664	1.505	1.579	9.58
92) T	1,2-Dibromo-3-Chl	0.436	0.246	0.281	0.329	0.320	0.300	0.319	20.24
93) T	1,2,4-Trichlorobe	1.241	0.915	0.864	1.239	0.909	1.018	1.031	16.44
94) T	Hexachlorobutadie	0.431	0.288	0.322	0.438	0.326	0.353	0.360	17.15
95) T	Naphthalene	3.502	2.577	3.369	4.556	3.334	3.687	3.504	18.25
96) T	1,2,3-Trichlorobe	1.189	0.766	0.903	1.222	0.896	1.009	0.998	17.95

(#) = Out of Range