

Method Path : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\
 Method File : 82X102020W.M
 Title : SW846 8260
 Last Update : Tue Oct 20 19:16:32 2020
 Response Via : Initial Calibration

Calibration Files

1 =VX018978.D 5 =VX018979.D 20 =VX018980.D
 50 =VX018981.D 100 =VX018982.D 150 =VX018983.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.353	0.427	0.435	0.457	0.416	0.405	0.415	8.53
3) P	Chloromethane	0.482	0.532	0.509	0.506	0.449	0.415	0.482	8.99
4) C	Vinyl Chloride	0.641	0.742	0.689	0.699	0.614	0.539	0.654	11.01#
5) T	Bromomethane		0.651	0.707	0.595	0.344	0.293	0.518	36.10
6) T	Chloroethane	0.510	0.572	0.506	0.509	0.454	0.381	0.489	13.24
7) T	Trichlorofluorome	1.015	1.333	1.143	1.220	1.112	0.985	1.134	11.41
8) T	Diethyl Ether	0.432	0.560	0.457	0.471	0.428	0.385	0.456	12.96
9) T	1,1,2-Trichlorotr	0.623	0.733	0.597	0.527	0.428	0.412	0.553	22.18
10) T	Methyl Iodide		0.480	0.480	0.602	0.597	0.572	0.546	11.26
11) T	Tert butyl alcoho		0.174	0.149	0.147	0.144	0.139	0.151	8.90
12) CM	1,1-Dichloroethen	0.703	0.782	0.671	0.597	0.443	0.447	0.607	22.89#
13) T	Acrolein		0.117	0.076	0.081	0.080	0.075	0.086	20.80
14) T	Allyl chloride	0.607	0.762	0.659	0.681	0.631	0.586	0.654	9.61
15) T	Acrylonitrile	0.250	0.295	0.265	0.266	0.255	0.239	0.262	7.26
16) T	Acetone	0.243	0.272	0.227	0.224	0.213	0.194	0.229	11.57
17) T	Carbon Disulfide	1.582	1.592	1.345	1.402	1.313	1.242	1.412	10.23
18) T	Methyl Acetate	0.506	0.593	0.623	0.565	0.543	0.498	0.555	8.83
19) T	Methyl tert-butyl	1.538	1.911	1.595	1.678	1.621	1.507	1.642	8.85
20) T	Methylene Chlorid	0.616	0.705	0.564	0.584	0.550	0.528	0.591	10.73
21) T	trans-1,2-Dichlor	0.569	0.670	0.565	0.590	0.583	0.568	0.591	6.76
22) T	Diisopropyl ether	1.255	1.608	1.330	1.402	1.304	1.172	1.345	11.14
23) T	Vinyl Acetate	1.082	1.508	1.261	1.361	1.264	1.136	1.269	12.14
24) P	1,1-Dichloroethan	0.880	1.118	0.961	0.996	0.939	0.869	0.961	9.47
25) T	2-Butanone	0.343	0.425	0.380	0.380	0.363	0.328	0.370	9.19
26) T	2,2-Dichloropropa	0.917	1.059	0.886	0.958	0.892	0.817	0.921	8.85
27) T	cis-1,2-Dichloroe	0.670	0.778	0.667	0.703	0.673	0.652	0.690	6.68
28) T	Bromochloromethan	0.457	0.489	0.385	0.411	0.387	0.357	0.414	11.99
29) T	Tetrahydrofuran	0.236	0.238	0.219	0.218	0.210	0.187	0.218	8.52
30) C	Chloroform	0.962	1.209	1.049	1.126	1.091	0.988	1.071	8.52#
31) T	Cyclohexane		0.895	0.764	0.800	0.733	0.650	0.768	11.72
32) T	1,1,1-Trichloroet	0.865	1.082	0.933	1.018	0.982	0.896	0.963	8.38
33) S	1,2-Dichloroethan		0.815	0.627	0.630	0.626	0.587	0.657	13.67
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.339	0.285	0.292	0.326	0.338	0.316	8.16
36) T	1,1-Dichloroprope	0.469	0.505	0.445	0.483	0.463	0.438	0.467	5.29
37) T	Ethyl Acetate	0.372	0.451	0.398	0.415	0.405	0.383	0.404	6.84
38) T	Carbon Tetrachlor	0.420	0.503	0.443	0.482	0.489	0.483	0.470	6.72
39) T	Methylcyclohexane	0.446	0.556	0.488	0.531	0.514	0.495	0.505	7.55
40) TM	Benzene	1.222	1.511	1.307	1.405	1.393	1.317	1.359	7.32
41) T	Methacrylonitrile	0.203	0.249	0.212	0.223	0.211	0.197	0.216	8.47
42) TM	1,2-Dichloroethan	0.411	0.547	0.466	0.487	0.456	0.429	0.466	10.25
43) T	Isopropyl Acetate	0.609	0.786	0.683	0.696	0.674	0.636	0.681	8.91
44) TM	Trichloroethene	0.341	0.412	0.345	0.386	0.388	0.388	0.376	7.41
45) C	1,2-Dichloropropa	0.316	0.377	0.320	0.337	0.327	0.309	0.331	7.45#
46) T	Dibromomethane	0.228	0.281	0.235	0.252	0.250	0.244	0.248	7.48
47) T	Bromodichlorometh	0.430	0.534	0.474	0.514	0.512	0.492	0.493	7.52
48) T	Methyl methacryla	0.358	0.386	0.321	0.330	0.316	0.305	0.336	8.95
49) T	1,4-Dioxane	0.008	0.010	0.008	0.009	0.009	0.009	0.009	5.27
50) S	Toluene-d8		1.353	1.132	1.227	1.297	1.287	1.259	6.68
51) T	4-Methyl-2-Pentan	0.360	0.475	0.424	0.435	0.419	0.409	0.420	8.93
52) CM	Toluene	0.756	0.994	0.867	0.981	0.953	0.904	0.909	9.77#

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	Compound	1	5	20	50	100	150	Avq	%RSD
53) T	t-1,3-Dichloropro	0.482	0.620	0.526	0.603	0.588	0.560	0.563	9.18
54) T	cis-1,3-Dichlorop	0.513	0.644	0.556	0.607	0.610	0.580	0.585	7.90
55) T	1,1,2-Trichloroet	0.312	0.404	0.344	0.390	0.390	0.378	0.370	9.41
56) T	Ethyl methacrylat	0.447	0.580	0.519	0.588	0.575	0.562	0.545	9.89
57) T	1,3-Dichloropropa	0.517	0.656	0.574	0.634	0.614	0.584	0.597	8.29
58) T	2-Chloroethyl Vin	0.251	0.304	0.278	0.292	0.283	0.277	0.281	6.39
59) T	2-Hexanone	0.274	0.362	0.328	0.341	0.330	0.324	0.326	8.94
60) T	Dibromochlorometh	0.327	0.405	0.363	0.435	0.463	0.457	0.408	13.28
61) T	1,2-Dibromoethane	0.336	0.417	0.367	0.417	0.426	0.417	0.397	9.20
62) S	4-Bromofluorobenz		0.518	0.426	0.499	0.499	0.518	0.492	7.77
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.353	0.390	0.322	0.346	0.356	0.347	0.352	6.22
65) PM	Chlorobenzene	0.951	1.156	0.981	1.095	1.074	1.066	1.054	7.18
66) T	1,1,1,2-Tetrachlo	0.298	0.408	0.346	0.392	0.403	0.407	0.376	11.87
67) C	Ethyl Benzene	1.609	2.043	1.757	1.947	1.839	1.762	1.826	8.40#
68) T	m/p-Xylenes	0.612	0.774	0.673	0.795	0.744	0.721	0.720	9.44
69) T	o-Xylene	0.580	0.740	0.644	0.749	0.726	0.698	0.690	9.52
70) T	Stvrene	0.975	1.235	1.104	1.314	1.243	1.227	1.183	10.34
71) P	Bromoform	0.235	0.305	0.269	0.343	0.379	0.394	0.321	19.51
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.154	3.936	3.497	3.282	3.286	3.080	3.373	9.21
74) T	N-amyl acetate	1.247	1.425	1.153	1.026	1.037	1.027	1.152	13.91
75) P	1,1,2,2-Tetrachlo	1.058	1.377	1.206	1.061	1.065	1.046	1.136	11.66
76) T	1,2,3-Trichloropr	1.004	1.272	1.093	0.963	0.934	0.901	1.028	13.29
77) T	Bromobenzene	0.747	0.898	0.814	0.790	0.896	0.886	0.838	7.62
78) T	n-propylbenzene	3.763	4.645	4.003	3.803	3.630	3.419	3.877	10.91
79) T	2-Chlorotoluene	2.254	2.720	2.345	2.215	2.136	2.046	2.286	10.32
80) T	1,3,5-Trimethylbe	2.655	3.281	2.960	2.912	2.840	2.765	2.902	7.40
81) T	trans-1,4-Dichlor		0.458	0.380	0.356	0.380	0.374	0.390	10.13
82) T	4-Chlorotoluene	2.860	3.292	2.876	2.707	2.582	2.508	2.804	9.99
83) T	tert-Butylbenzene	2.445	3.201	2.875	2.849	2.838	2.751	2.827	8.59
84) T	1,2,4-Trimethylbe	2.643	3.350	3.034	2.936	2.873	2.723	2.926	8.59
85) T	sec-Butylbenzene	3.085	3.896	3.473	3.410	3.278	3.133	3.379	8.72
86) T	p-Isopropyltoluen	2.836	3.605	3.168	3.279	3.152	3.027	3.178	8.12
87) T	1,3-Dichlorobenze	1.559	1.748	1.559	1.626	1.667	1.636	1.633	4.37
88) T	1,4-Dichlorobenze	1.663	1.869	1.616	1.668	1.661	1.642	1.687	5.43
89) T	n-Butylbenzene	2.920	3.496	3.016	2.915	2.785	2.680	2.969	9.56
90) T	Hexachloroethane	0.415	0.543	0.487	0.514	0.522	0.508	0.498	9.00
91) T	1,2-Dichlorobenze	1.467	1.724	1.519	1.579	1.605	1.618	1.585	5.57
92) T	1,2-Dibromo-3-Chl	0.296	0.319	0.303	0.250	0.256	0.250	0.279	10.89
93) T	1,2,4-Trichlorobe	1.056	1.234	1.041	1.066	1.138	1.129	1.111	6.53
94) T	Hexachlorobutadie	0.455	0.492	0.406	0.440	0.451	0.461	0.451	6.20
95) T	Naphthalene	3.417	4.032	3.713	3.643	3.749	3.681	3.706	5.35
96) T	1,2,3-Trichlorobe	0.998	1.089	0.993	1.016	1.087	1.109	1.049	4.95

(#) = Out of Range