

Method Path : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\
 Method File : 82X102720W.M
 Title : SW846 8260
 Last Update : Tue Oct 27 13:55:07 2020
 Response Via : Initial Calibration

Calibration Files

1 =VX019130.D 5 =VX019131.D 20 =VX019132.D
 50 =VX019133.D 100 =VX019134.D 150 =VX019135.D

	Compound	1	5	20	50	100	150	Avq	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.383	0.440	0.395	0.410	0.438	0.435	0.417	5.88
3) P	Chloromethane	0.503	0.487	0.430	0.444	0.467	0.462	0.466	5.74
4) C	Vinyl Chloride	0.521	0.569	0.506	0.534	0.560	0.551	0.540	4.44#
5) T	Bromomethane		0.436	0.395	0.358	0.358	0.297	0.369	13.93
6) T	Chloroethane	0.329	0.368	0.331	0.345	0.351	0.344	0.345	4.17
7) T	Trichlorofluorome	0.765	0.893	0.813	0.860	0.889	0.871	0.848	5.87
8) T	Diethyl Ether	0.297	0.337	0.310	0.332	0.340	0.337	0.326	5.50
9) T	1,1,2-Trichlorotr	0.413	0.508	0.447	0.470	0.496	0.488	0.470	7.47
10) T	Methyl Iodide		0.300	0.359	0.515	0.605	0.610	0.478	29.74
11) T	Tert butyl alcoho		0.135	0.119	0.123	0.128	0.131	0.127	4.89
12) CM	1,1-Dichloroethen	0.474	0.508	0.449	0.474	0.502	0.501	0.485	4.73#
13) T	Acrolein		0.094	0.047	0.054	0.058	0.058	0.062	29.41
14) T	Allyl chloride	0.730	0.744	0.673	0.730	0.767	0.760	0.734	4.60
15) T	Acrylonitrile	0.257	0.268	0.253	0.273	0.280	0.275	0.268	3.98
16) T	Acetone	0.234	0.221	0.211	0.220	0.226	0.223	0.222	3.38
17) T	Carbon Disulfide	1.996	1.461	1.245	1.336	1.402	1.397	1.473	18.09
18) T	Methyl Acetate	0.525	0.576	0.509	0.533	0.556	0.546	0.541	4.40
19) T	Methyl tert-butyl	1.501	1.723	1.603	1.712	1.783	1.752	1.679	6.34
20) T	Methylene Chlorid	0.602	0.580	0.508	0.541	0.563	0.556	0.558	5.78
21) T	trans-1,2-Dichlor	0.591	0.569	0.506	0.545	0.569	0.566	0.558	5.22
22) T	Diisopropyl ether	1.300	1.521	1.405	1.499	1.536	1.519	1.463	6.34
23) T	Vinyl Acetate	1.129	1.346	1.257	1.354	1.389	1.355	1.305	7.44
24) P	1,1-Dichloroethan	0.816	0.966	0.863	0.924	0.967	0.946	0.914	6.71
25) T	2-Butanone	0.331	0.347	0.339	0.359	0.368	0.360	0.351	4.02
26) T	2,2-Dichloropropa	0.804	0.906	0.807	0.864	0.899	0.875	0.859	5.16
27) T	cis-1,2-Dichloroe	0.601	0.650	0.577	0.621	0.651	0.640	0.623	4.77
28) T	Bromochloromethan	0.421	0.468	0.367	0.385	0.423	0.428	0.415	8.49
29) T	Tetrahydrofuran	0.187	0.222	0.217	0.232	0.237	0.231	0.221	8.13
30) C	Chloroform	0.865	1.014	0.928	0.992	1.025	1.010	0.973	6.47#
31) T	Cyclohexane		0.846	0.760	0.809	0.841	0.819	0.815	4.20
32) T	1,1,1-Trichloroet	0.777	0.895	0.843	0.898	0.945	0.932	0.882	7.06
33) S	1,2-Dichloroethan		0.784	0.577	0.583	0.633	0.648	0.645	12.94
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.363	0.280	0.288	0.315	0.324	0.314	10.47
36) T	1,1-Dichloroprope	0.463	0.473	0.436	0.454	0.479	0.465	0.462	3.28
37) T	Ethyl Acetate	0.387	0.443	0.416	0.438	0.450	0.437	0.429	5.42
38) T	Carbon Tetrachlor	0.427	0.472	0.441	0.479	0.505	0.500	0.471	6.64
39) T	Methylcyclohexane	0.488	0.585	0.520	0.558	0.589	0.573	0.552	7.26
40) TM	Benzene	1.199	1.363	1.253	1.321	1.373	1.346	1.309	5.24
41) T	Methacrylonitrile	0.230	0.229	0.219	0.235	0.240	0.233	0.231	3.03
42) TM	1,2-Dichloroethan	0.455	0.503	0.461	0.486	0.499	0.490	0.482	4.10
43) T	Isopropyl Acetate	0.672	0.726	0.689	0.726	0.755	0.738	0.718	4.34
44) TM	Trichloroethene	0.368	0.386	0.353	0.369	0.391	0.383	0.375	3.82
45) C	1,2-Dichloropropa	0.281	0.333	0.309	0.325	0.341	0.335	0.321	6.97#
46) T	Dibromomethane	0.234	0.238	0.224	0.236	0.247	0.244	0.237	3.41
47) T	Bromodichlorometh	0.405	0.464	0.445	0.484	0.504	0.502	0.467	8.08
48) T	Methyl methacryla	0.313	0.334	0.339	0.356	0.367	0.364	0.345	6.02
49) T	1,4-Dioxane	0.006	0.008	0.008	0.008	0.008	0.008	0.008	8.87
50) S	Toluene-d8		1.373	1.070	1.090	1.182	1.205	1.184	10.17
51) T	4-Methyl-2-Pentan	0.348	0.420	0.413	0.433	0.434	0.426	0.413	7.92
52) CM	Toluene	0.757	0.869	0.815	0.850	0.889	0.879	0.843	5.87#

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	Compound	1	5	20	50	100	150	Avq	%RSD
53) T	t-1,3-Dichloropro	0.501	0.523	0.499	0.540	0.574	0.567	0.534	6.04
54) T	cis-1,3-Dichlorop	0.510	0.561	0.530	0.574	0.604	0.590	0.561	6.40
55) T	1,1,2-Trichloroet	0.294	0.343	0.323	0.337	0.350	0.350	0.333	6.43
56) T	Ethyl methacrylat	0.400	0.495	0.491	0.530	0.550	0.553	0.503	11.35
57) T	1,3-Dichloropropa	0.522	0.583	0.540	0.568	0.584	0.573	0.562	4.45
58) T	2-Chloroethyl Vin	0.293	0.290	0.261	0.277	0.287	0.280	0.281	4.19
59) T	2-Hexanone	0.265	0.320	0.315	0.328	0.327	0.329	0.314	7.85
60) T	Dibromochlorometh	0.292	0.348	0.348	0.379	0.400	0.403	0.362	11.55
61) T	1,2-Dibromoethane	0.333	0.355	0.340	0.359	0.376	0.374	0.356	4.88
62) S	4-Bromofluorobenz		0.500	0.400	0.409	0.451	0.482	0.448	9.80
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.395	0.412	0.363	0.372	0.379	0.365	0.381	4.99
65) PM	Chlorobenzene	0.989	1.070	0.971	1.016	1.055	1.030	1.022	3.71
66) T	1,1,1,2-Tetrachlo	0.314	0.375	0.356	0.376	0.396	0.390	0.368	8.09
67) C	Ethyl Benzene	1.703	1.891	1.741	1.832	1.906	1.853	1.821	4.50#
68) T	m/p-Xylenes	0.607	0.707	0.656	0.695	0.727	0.709	0.683	6.47
69) T	o-Xylene	0.578	0.661	0.614	0.656	0.697	0.684	0.648	6.91
70) T	Styrene	0.985	1.096	1.050	1.122	1.190	1.193	1.106	7.31
71) P	Bromoform	0.238	0.271	0.272	0.302	0.331	0.336	0.292	13.17
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.201	3.795	3.432	3.548	3.741	3.518	3.539	6.09
74) T	N-amyl acetate	1.108	1.322	1.225	1.339	1.400	1.371	1.294	8.42
75) P	1,1,2,2-Tetrachlo	1.000	1.152	1.065	1.121	1.168	1.131	1.106	5.68
76) T	1,2,3-Trichloropr	0.962	1.080	1.021	1.049	1.073	1.009	1.032	4.27
77) T	Bromobenzene	0.858	0.898	0.832	0.885	0.914	0.883	0.878	3.33
78) T	n-propylbenzene	3.685	4.310	3.871	4.063	4.264	4.049	4.040	5.84
79) T	2-Chlorotoluene	2.231	2.512	2.288	2.373	2.483	2.385	2.379	4.56
80) T	1,3,5-Trimethylbe	2.754	3.113	2.884	3.004	3.157	3.028	2.990	5.00
81) T	trans-1,4-Dichlor		0.365	0.356	0.392	0.427	0.419	0.392	8.08
82) T	4-Chlorotoluene	2.926	3.054	2.730	2.835	3.010	2.872	2.905	4.08
83) T	tert-Butylbenzene	2.418	2.994	2.797	2.907	3.085	2.977	2.863	8.31
84) T	1,2,4-Trimethylbe	2.788	3.121	2.896	3.047	3.180	3.079	3.019	4.90
85) T	sec-Butylbenzene	3.072	3.570	3.298	3.467	3.684	3.510	3.434	6.34
86) T	p-Isopropyltoluen	2.771	3.244	3.076	3.237	3.377	3.310	3.169	6.92
87) T	1,3-Dichlorobenze	1.645	1.727	1.505	1.601	1.691	1.646	1.636	4.73
88) T	1,4-Dichlorobenze	1.903	1.770	1.553	1.610	1.714	1.667	1.703	7.29
89) T	n-Butylbenzene	2.802	3.028	2.827	2.952	3.187	3.079	2.979	4.99
90) T	Hexachloroethane	0.432	0.506	0.503	0.562	0.617	0.613	0.539	13.36
91) T	1,2-Dichlorobenze	1.533	1.642	1.481	1.552	1.609	1.607	1.571	3.78
92) T	1,2-Dibromo-3-Chl	0.253	0.261	0.250	0.276	0.297	0.288	0.271	7.06
93) T	1,2,4-Trichlorobe	1.363	1.154	1.035	1.130	1.213	1.185	1.180	9.19
94) T	Hexachlorobutadie	0.656	0.499	0.454	0.488	0.511	0.508	0.519	13.47
95) T	Naphthalene	4.009	3.521	3.380	3.614	3.978	3.794	3.716	6.83
96) T	1,2,3-Trichlorobe	1.339	1.115	1.001	1.094	1.180	1.138	1.145	9.81

(#) = Out of Range