

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\
 Method File : 82X091720W.M
 Title : SW846 8260
 Last Update : Thu Sep 17 12:17:05 2020
 Response Via : Initial Calibration

Calibration Files

1 =VX018457.D 5 =VX018458.D 20 =VX018459.D
 50 =VX018460.D 100 =VX018461.D 150 =VX018462.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.455	0.439	0.476	0.496	0.483	0.496	0.474	4.83
3) P	Chloromethane	0.590	0.529	0.543	0.529	0.563	0.576	0.555	4.54
4) C	Vinyl Chloride	0.642	0.575	0.566	0.577	0.574	0.591	0.588	4.71#
5) T	Bromomethane		0.404	0.394	0.370	0.312	0.323	0.361	11.58
6) T	Chloroethane	0.349	0.330	0.337	0.336	0.332	0.333	0.336	1.99
7) T	Trichlorofluorome	0.971	0.922	0.859	0.872	0.868	0.862	0.893	5.04
8) T	Diethyl Ether	0.368	0.326	0.299	0.296	0.292	0.298	0.313	9.38
9) T	1,1,2-Trichlorotr	0.545	0.470	0.445	0.475	0.471	0.476	0.480	6.98
10) T	Methyl Iodide		0.287	0.458	0.589	0.613	0.645	0.518	28.49
11) T	Tert butyl alcoho		0.131	0.117	0.121	0.123	0.124	0.123	4.19
12) CM	1,1-Dichloroethen	0.549	0.477	0.446	0.476	0.471	0.485	0.484	7.13#
13) T	Acrolein		0.078	0.076	0.075	0.079	0.082	0.078	3.44
14) T	Allyl chloride	1.047	0.932	0.885	0.917	0.911	0.937	0.938	6.00
15) T	Acrylonitrile	0.283	0.298	0.286	0.298	0.296	0.302	0.294	2.62
16) T	Acetone	0.327	0.265	0.255	0.261	0.257	0.258	0.271	10.36
17) T	Carbon Disulfide	1.644	1.423	1.359	1.410	1.411	1.431	1.446	6.91
18) T	Methyl Acetate	0.713	0.669	0.640	0.663	0.661	0.674	0.670	3.61
19) T	Methyl tert-butyl	1.629	1.749	1.662	1.711	1.710	1.737	1.700	2.69
20) T	Methylene Chlorid	0.756	0.633	0.542	0.552	0.547	0.551	0.597	14.29
21) T	trans-1,2-Dichlor	0.638	0.588	0.537	0.536	0.535	0.543	0.563	7.45
22) T	Diisopropyl ether	1.764	1.794	1.750	1.759	1.738	1.778	1.764	1.14
23) T	Vinyl Acetate	1.500	1.563	1.538	1.602	1.577	1.598	1.563	2.49
24) P	1,1-Dichloroethan	1.143	1.024	0.976	0.980	0.983	0.997	1.017	6.32
25) T	2-Butanone	0.411	0.422	0.415	0.423	0.423	0.435	0.421	1.95
26) T	2,2-Dichloropropa	1.132	0.940	0.879	0.893	0.896	0.899	0.940	10.26
27) T	cis-1,2-Dichloroe	0.715	0.632	0.598	0.611	0.610	0.617	0.631	6.80
28) T	Bromochloromethan	0.468	0.488	0.472	0.469	0.476	0.482	0.476	1.64
29) T	Tetrahydrofuran	0.248	0.261	0.263	0.271	0.272	0.277	0.266	3.92
30) C	Chloroform	1.089	1.069	0.986	1.009	1.014	1.025	1.032	3.78#
31) T	Cyclohexane		0.864	0.824	0.848	0.861	0.883	0.856	2.53
32) T	1,1,1-Trichloroet	1.026	1.009	0.936	0.951	0.943	0.944	0.968	4.02
33) S	1,2-Dichloroethan		0.757	0.736	0.652	0.678	0.713	0.707	6.03
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.362	0.359	0.322	0.341	0.345	0.346	4.66
36) T	1,1-Dichloroprope	0.538	0.482	0.460	0.483	0.473	0.475	0.485	5.60
37) T	Ethyl Acetate	0.534	0.502	0.508	0.526	0.521	0.518	0.518	2.20
38) T	Carbon Tetrachlor	0.527	0.569	0.511	0.550	0.531	0.537	0.537	3.75
39) T	Methylcyclohexane	0.599	0.518	0.501	0.547	0.553	0.555	0.545	6.23
40) TM	Benzene	1.504	1.446	1.308	1.374	1.364	1.350	1.391	5.11
41) T	Methacrylonitrile	0.319	0.279	0.269	0.285	0.284	0.293	0.288	5.99
42) TM	1,2-Dichloroethan	0.578	0.574	0.511	0.536	0.523	0.524	0.541	5.23
43) T	Isopropyl Acetate	0.878	0.867	0.795	0.869	0.868	0.883	0.860	3.76
44) TM	Trichloroethene	0.453	0.426	0.367	0.397	0.384	0.390	0.403	7.71
45) C	1,2-Dichloropropa	0.444	0.385	0.356	0.369	0.364	0.372	0.382	8.40#
46) T	Dibromomethane	0.307	0.256	0.243	0.260	0.251	0.255	0.262	8.69
47) T	Bromodichlorometh	0.549	0.548	0.498	0.527	0.523	0.527	0.529	3.61
48) T	Methyl methacryla	0.398	0.409	0.395	0.430	0.436	0.443	0.419	4.96
49) T	1,4-Dioxane	0.008	0.007	0.006	0.007	0.007	0.007	0.007	8.13
50) S	Toluene-d8		1.310	1.282	1.193	1.229	1.265	1.256	3.63
51) T	4-Methyl-2-Pentan	0.483	0.507	0.500	0.529	0.525	0.527	0.512	3.60
52) CM	Toluene	0.933	0.912	0.830	0.865	0.854	0.858	0.875	4.44#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.634	0.603	0.553	0.595	0.599	0.619	0.601	4.60
54) T	cis-1,3-Dichlorop	0.626	0.619	0.590	0.625	0.623	0.628	0.619	2.30
55) T	1,1,2-Trichloroet	0.377	0.386	0.340	0.362	0.355	0.358	0.363	4.56
56) T	Ethyl methacrylat	0.502	0.501	0.510	0.561	0.568	0.589	0.538	7.16
57) T	1,3-Dichloropropa	0.646	0.627	0.577	0.605	0.595	0.611	0.610	3.97
58) T	2-Chloroethyl Vin	0.267	0.293	0.276	0.294	0.290	0.297	0.286	4.13
59) T	2-Hexanone	0.363	0.381	0.380	0.407	0.404	0.401	0.389	4.46
60) T	Dibromochlorometh	0.449	0.435	0.395	0.435	0.433	0.452	0.433	4.73
61) T	1,2-Dibromoethane	0.400	0.372	0.370	0.393	0.386	0.398	0.386	3.31
62) S	4-Bromofluorobenz		0.513	0.500	0.471	0.490	0.524	0.500	4.09
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.476	0.428	0.378	0.380	0.352	0.347	0.394	12.57
65) PM	Chlorobenzene	1.096	1.061	0.976	1.023	1.004	1.017	1.030	4.16
66) T	1,1,1,2-Tetrachlo	0.457	0.424	0.383	0.412	0.400	0.402	0.413	6.12
67) C	Ethyl Benzene	1.784	1.829	1.722	1.822	1.764	1.771	1.782	2.21#
68) T	m/p-Xylenes	0.695	0.678	0.644	0.682	0.675	0.671	0.674	2.52
69) T	o-Xylene	0.637	0.645	0.600	0.654	0.642	0.652	0.638	3.07
70) T	Styrene	1.037	1.093	1.048	1.166	1.129	1.140	1.102	4.71
71) P	Bromoform	0.370	0.337	0.316	0.356	0.356	0.346	0.347	5.34
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.273	3.260	3.299	3.375	3.323	3.512	3.340	2.80
74) T	N-amyl acetate	1.480	1.358	1.429	1.548	1.565	1.642	1.504	6.79
75) P	1,1,2,2-Tetrachlo	1.165	1.114	1.090	1.086	1.063	1.116	1.106	3.15
76) T	1,2,3-Trichloropr	1.154	1.082	1.033	1.047	0.986	1.002	1.051	5.78
77) T	Bromobenzene	1.002	0.918	0.896	0.897	0.899	0.918	0.922	4.41
78) T	n-propylbenzene	3.783	3.810	3.867	3.968	3.902	4.129	3.910	3.23
79) T	2-Chlorotoluene	2.409	2.319	2.329	2.373	2.327	2.442	2.367	2.13
80) T	1,3,5-Trimethylbe	2.616	2.836	2.851	2.908	2.892	3.036	2.857	4.81
81) T	trans-1,4-Dichlor		0.386	0.392	0.415	0.418	0.439	0.410	5.24
82) T	4-Chlorotoluene	2.695	2.839	2.821	2.818	2.792	2.914	2.813	2.52
83) T	tert-Butylbenzene	2.660	2.669	2.705	2.827	2.784	2.995	2.774	4.58
84) T	1,2,4-Trimethylbe	2.671	2.776	2.854	2.968	2.940	3.052	2.877	4.82
85) T	sec-Butylbenzene	3.067	3.180	3.240	3.323	3.348	3.477	3.273	4.36
86) T	p-Isopropyltoluen	2.736	2.888	3.004	3.126	3.100	3.193	3.008	5.66
87) T	1,3-Dichlorobenze	1.726	1.740	1.614	1.621	1.597	1.644	1.657	3.69
88) T	1,4-Dichlorobenze	1.962	1.685	1.618	1.633	1.569	1.615	1.680	8.51
89) T	n-Butylbenzene	2.821	2.667	2.664	2.822	2.785	2.947	2.784	3.85
90) T	Hexachloroethane	0.659	0.558	0.563	0.591	0.607	0.626	0.600	6.41
91) T	1,2-Dichlorobenze	1.677	1.592	1.516	1.518	1.468	1.535	1.551	4.74
92) T	1,2-Dibromo-3-Chl	0.271	0.244	0.261	0.274	0.271	0.289	0.268	5.62
93) T	1,2,4-Trichlorobe	1.131	1.053	1.030	1.033	1.079	1.150	1.079	4.69
94) T	Hexachlorobutadie	0.478	0.440	0.453	0.436	0.444	0.466	0.453	3.58
95) T	Naphthalene	2.882	2.983	3.202	3.401	3.439	3.653	3.260	8.98
96) T	1,2,3-Trichlorobe	1.072	1.031	1.001	1.025	0.987	1.074	1.032	3.46

(#) = Out of Range