

Method Path : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\
 Method File : 82X042420W.M
 Title : SW846 8260
 Last Update : Fri Apr 24 13:17:59 2020
 Response Via : Initial Calibration

Calibration Files

1 =VX015924.D 5 =VX015925.D 20 =VX015926.D
 50 =VX015927.D 100 =VX015928.D 150 =VX015929.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.444	0.524	0.551	0.583	0.600	0.597	0.550	10.84
3) P	Chloromethane	0.515	0.547	0.520	0.581	0.622	0.614	0.567	8.19
4) C	Vinyl Chloride	0.605	0.726	0.713	0.752	0.784	0.768	0.725	8.84#
5) T	Bromomethane		0.273	0.332	0.307	0.199	0.197	0.261	23.65
6) T	Chloroethane	0.384	0.459	0.424	0.452	0.459	0.441	0.436	6.61
7) T	Trichlorofluorome	0.786	0.869	0.824	0.873	0.885	0.858	0.849	4.41
8) T	Diethyl Ether	0.416	0.421	0.378	0.396	0.411	0.404	0.404	3.87
9) T	1,1,2-Trichlorotr	0.472	0.565	0.519	0.552	0.566	0.568	0.540	7.09
10) T	Methyl Iodide		0.447	0.491	0.572	0.660	0.669	0.568	17.49
11) T	Tert butyl alcoho		0.145	0.141	0.147	0.165	0.160	0.152	6.90
12) CM	1,1-Dichloroethen	0.509	0.582	0.535	0.580	0.596	0.594	0.566	6.32#
13) T	Acrolein		0.108	0.088	0.090	0.095	0.090	0.094	8.84
14) T	Allyl chloride	0.915	1.043	0.958	1.011	1.053	1.023	1.001	5.37
15) T	Acrylonitrile	0.273	0.334	0.323	0.343	0.362	0.353	0.332	9.51
16) T	Acetone	0.253	0.265	0.252	0.264	0.282	0.273	0.265	4.31
17) T	Carbon Disulfide	2.216	1.792	1.518	1.539	1.578	1.547	1.698	16.06
18) T	Methyl Acetate	0.720	0.809	0.761	0.808	0.860	0.847	0.801	6.58
19) T	Methyl tert-butyl	1.762	2.056	1.979	2.069	2.169	2.131	2.028	7.18
20) T	Methylene Chlorid	0.605	0.672	0.624	0.659	0.691	0.680	0.655	5.13
21) T	trans-1,2-Dichlor	0.560	0.649	0.612	0.643	0.665	0.665	0.632	6.43
22) T	Diisopropyl ether	1.799	2.032	1.888	2.006	2.088	2.042	1.976	5.55
23) T	Vinyl Acetate	1.345	1.651	1.585	1.686	1.748	1.670	1.614	8.80
24) P	1,1-Dichloroethan	0.992	1.160	1.096	1.147	1.205	1.182	1.130	6.81
25) T	2-Butanone	0.368	0.426	0.419	0.444	0.472	0.459	0.431	8.49
26) T	2,2-Dichloropropa	0.886	1.065	0.962	1.010	1.041	1.020	0.997	6.46
27) T	cis-1,2-Dichloroe	0.669	0.726	0.680	0.729	0.757	0.744	0.717	4.91
28) T	Bromochloromethan	0.472	0.517	0.476	0.495	0.510	0.527	0.500	4.50
29) T	Tetrahydrofuran	0.253	0.283	0.275	0.290	0.306	0.297	0.284	6.61
30) C	Chloroform	0.969	1.144	1.092	1.139	1.191	1.168	1.117	7.13#
31) T	Cyclohexane		1.076	0.991	1.059	1.091	1.076	1.059	3.71
32) T	1,1,1-Trichloroet	0.926	1.024	0.973	1.017	1.054	1.037	1.005	4.70
33) S	1,2-Dichloroethan		0.725	0.639	0.667	0.750	0.749	0.706	7.14
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.283	0.256	0.272	0.285	0.267	0.273	4.44
36) T	1,1-Dichloroprope	0.474	0.487	0.449	0.481	0.488	0.483	0.477	3.04
37) T	Ethyl Acetate	0.472	0.486	0.454	0.482	0.494	0.484	0.479	2.93
38) T	Carbon Tetrachlor	0.388	0.453	0.419	0.446	0.458	0.453	0.436	6.20
39) T	Methylcyclohexane	0.511	0.624	0.558	0.585	0.599	0.594	0.578	6.77
40) TM	Benzene	1.242	1.455	1.362	1.430	1.453	1.437	1.397	5.94
41) T	Methacrylonitrile	0.292	0.273	0.255	0.266	0.274	0.268	0.271	4.56
42) TM	1,2-Dichloroethan	0.436	0.504	0.487	0.497	0.509	0.499	0.489	5.48
43) T	Isopropyl Acetate	0.680	0.799	0.773	0.807	0.834	0.825	0.786	7.15
44) TM	Trichloroethene	0.394	0.457	0.423	0.431	0.439	0.435	0.430	4.88
45) C	1,2-Dichloropropa	0.315	0.370	0.350	0.366	0.373	0.369	0.357	6.25#
46) T	Dibromomethane	0.213	0.247	0.235	0.244	0.249	0.244	0.239	5.61
47) T	Bromodichlorometh	0.423	0.494	0.468	0.498	0.517	0.514	0.486	7.32
48) T	Methyl methacryla	0.353	0.399	0.367	0.389	0.406	0.407	0.387	5.77
49) T	1,4-Dioxane	0.008	0.009	0.008	0.009	0.009	0.009	0.009	8.70
50) S	Toluene-d8		1.182	1.059	1.115	1.207	1.209	1.154	5.68
51) T	4-Methyl-2-Pentan	0.365	0.467	0.458	0.478	0.500	0.498	0.461	10.83
52) CM	Toluene	0.764	0.939	0.860	0.914	0.926	0.911	0.886	7.38#

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	Compound	1	5	20	50	100	150	Avq	%RSD
53) T	t-1,3-Dichloropro	0.501	0.603	0.569	0.603	0.619	0.619	0.586	7.76
54) T	cis-1,3-Dichlorop	0.513	0.636	0.594	0.636	0.649	0.647	0.613	8.60
55) T	1,1,2-Trichloroet	0.318	0.373	0.343	0.359	0.367	0.363	0.354	5.67
56) T	Ethyl methacrylat	0.463	0.564	0.550	0.594	0.621	0.628	0.570	10.67
57) T	1,3-Dichloropropa	0.504	0.632	0.603	0.625	0.638	0.630	0.605	8.43
58) T	2-Chloroethyl Vin	0.222	0.287	0.278	0.292	0.306	0.305	0.282	11.04
59) T	2-Hexanone	0.270	0.348	0.345	0.365	0.388	0.385	0.350	12.24
60) T	Dibromochlorometh	0.264	0.355	0.343	0.370	0.385	0.392	0.351	13.24
61) T	1,2-Dibromoethane	0.316	0.376	0.355	0.380	0.385	0.384	0.366	7.38
62) S	4-Bromofluorobenz		0.485	0.414	0.440	0.494	0.509	0.468	8.50
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.450	0.544	0.485	0.507	0.506	0.493	0.498	6.18
65) PM	Chlorobenzene	0.856	1.042	0.975	1.018	1.043	1.021	0.993	7.16
66) T	1,1,1,2-Tetrachlo	0.295	0.364	0.339	0.367	0.375	0.371	0.352	8.73
67) C	Ethyl Benzene	1.649	1.912	1.768	1.873	1.915	1.864	1.830	5.65#
68) T	m/p-Xylenes	0.570	0.700	0.659	0.692	0.707	0.694	0.670	7.72
69) T	o-Xylene	0.570	0.680	0.635	0.668	0.692	0.679	0.654	6.95
70) T	Stvrene	0.910	1.118	1.098	1.179	1.230	1.233	1.128	10.69
71) P	Bromoform	0.169	0.225	0.219	0.255	0.274	0.279	0.237	17.43
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.395	3.833	3.582	3.825	3.835	3.829	3.716	5.00
74) T	N-amyl acetate	1.379	1.581	1.576	1.674	1.738	1.737	1.614	8.41
75) P	1,1,2,2-Tetrachlo	0.657	0.841	0.811	0.878	0.914	0.939	0.840	12.05
76) T	1,2,3-Trichloropr	0.894	1.108	1.072	1.110	1.144	1.107	1.073	8.43
77) T	Bromobenzene	0.769	0.856	0.811	0.849	0.884	0.897	0.844	5.61
78) T	n-propylbenzene	3.994	4.519	4.221	4.475	4.539	4.579	4.388	5.27
79) T	2-Chlorotoluene	2.259	2.637	2.489	2.646	2.700	2.787	2.586	7.25
80) T	1,3,5-Trimethylbe	2.691	3.266	3.058	3.245	3.309	3.387	3.159	8.04
81) T	trans-1,4-Dichlor		0.438	0.429	0.480	0.509	0.524	0.476	8.86
82) T	4-Chlorotoluene	2.671	3.206	2.970	3.136	3.239	3.301	3.087	7.56
83) T	tert-Butylbenzene	2.388	2.745	2.558	2.678	2.795	2.775	2.656	5.91
84) T	1,2,4-Trimethylbe	2.880	3.317	3.099	3.287	3.389	3.464	3.239	6.62
85) T	sec-Butylbenzene	3.152	3.742	3.452	3.732	3.864	3.880	3.637	7.78
86) T	p-Isopropyltoluen	2.844	3.430	3.191	3.366	3.497	3.571	3.317	8.00
87) T	1,3-Dichlorobenze	1.395	1.604	1.499	1.545	1.616	1.654	1.552	6.09
88) T	1,4-Dichlorobenze	1.504	1.651	1.500	1.586	1.648	1.700	1.598	5.18
89) T	n-Butylbenzene	2.633	3.206	2.977	3.207	3.333	3.398	3.126	8.99
90) T	Hexachloroethane	0.411	0.499	0.469	0.527	0.581	0.618	0.518	14.52
91) T	1,2-Dichlorobenze	1.329	1.556	1.477	1.534	1.562	1.572	1.505	6.15
92) T	1,2-Dibromo-3-Chl	0.253	0.264	0.248	0.263	0.283	0.293	0.267	6.55
93) T	1,2,4-Trichlorobe	0.894	0.980	0.883	0.983	1.015	1.070	0.971	7.35
94) T	Hexachlorobutadie	0.300	0.358	0.318	0.358	0.350	0.381	0.344	8.61
95) T	Naphthalene	2.950	3.468	3.410	3.665	3.786	3.908	3.531	9.66
96) T	1,2,3-Trichlorobe	0.780	0.959	0.877	0.915	0.988	0.991	0.919	8.80

(#) = Out of Range