

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\
 Method File : 82X062920W.M
 Title : SW846 8260
 Last Update : Mon Jun 29 17:10:38 2020
 Response Via : Initial Calibration

Calibration Files

1 =VX017006.D 5 =VX017007.D 20 =VX017008.D
 50 =VX017009.D 100 =VX017010.D 150 =VX017011.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.530	0.439	0.511	0.484	0.431	0.508	0.484	8.39
3) P	Chloromethane	0.698	0.568	0.563	0.569	0.497	0.617	0.586	11.46
4) C	Vinyl Chloride	0.652	0.518	0.548	0.533	0.461	0.548	0.543	11.46#
5) T	Bromomethane		0.314	0.353	0.286	0.218	0.264	0.287	17.65
6) T	Chloroethane	0.395	0.312	0.327	0.310	0.269	0.312	0.321	12.83
7) T	Trichlorofluorome	0.947	0.807	0.803	0.784	0.685	0.795	0.803	10.44
8) T	Diethyl Ether	0.379	0.289	0.289	0.276	0.243	0.283	0.293	15.56
9) T	1,1,2-Trichlorotr	0.531	0.493	0.500	0.484	0.409	0.472	0.482	8.43
10) T	Methyl Iodide		0.542	0.633	0.665	0.595	0.672	0.621	8.64
11) T	Tert butyl alcoho		0.120	0.118	0.119	0.106	0.125	0.118	5.97
12) CM	1,1-Dichloroethen	0.575	0.497	0.507	0.490	0.420	0.478	0.495	10.10#
13) T	Acrolein		0.074	0.069	0.070	0.063	0.076	0.070	7.09
14) T	Allyl chloride	1.130	0.897	0.881	0.896	0.786	0.895	0.914	12.47
15) T	Acrylonitrile	0.307	0.288	0.281	0.285	0.248	0.287	0.283	6.77
16) T	Acetone	0.280	0.232	0.224	0.228	0.195	0.225	0.231	11.94
17) T	Carbon Disulfide	2.017	1.499	1.457	1.444	1.239	1.435	1.515	17.29
18) T	Methyl Acetate	0.654	0.650	0.597	0.600	0.518	0.593	0.602	8.20
19) T	Methyl tert-butyl	1.789	1.645	1.686	1.683	1.461	1.697	1.660	6.54
20) T	Methylene Chlorid	0.769	0.613	0.572	0.566	0.475	0.541	0.589	16.81
21) T	trans-1,2-Dichlor	0.642	0.555	0.546	0.545	0.468	0.538	0.549	10.11
22) T	Diisopropyl ether	1.811	1.691	1.769	1.739	1.454	1.687	1.692	7.44
23) T	Vinyl Acetate	1.421	1.416	1.526	1.537	1.319	1.504	1.454	5.77
24) P	1,1-Dichloroethan	1.069	0.983	0.978	0.966	0.827	0.954	0.963	8.12
25) T	2-Butanone	0.403	0.381	0.392	0.395	0.336	0.398	0.384	6.40
26) T	2,2-Dichloropropa	1.014	0.875	0.859	0.848	0.710	0.824	0.855	11.43
27) T	cis-1,2-Dichloroe	0.727	0.632	0.615	0.619	0.531	0.609	0.622	10.07
28) T	Bromochloromethan	0.546	0.481	0.475	0.461	0.393	0.456	0.468	10.54
29) T	Tetrahydrofuran	0.257	0.253	0.265	0.265	0.224	0.259	0.254	5.94
30) C	Chloroform	1.111	1.006	1.006	0.989	0.842	0.968	0.987	8.78#
31) T	Cyclohexane		0.845	0.855	0.855	0.742	0.863	0.832	6.08
32) T	1,1,1-Trichloroet	1.043	0.896	0.929	0.908	0.775	0.902	0.909	9.38
33) S	1,2-Dichloroethan		0.701	0.613	0.579	0.532	0.657	0.616	10.69
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.346	0.318	0.306	0.280	0.332	0.316	7.91
36) T	1,1-Dichloroprope	0.575	0.451	0.462	0.471	0.411	0.466	0.473	11.51
37) T	Ethyl Acetate	0.489	0.482	0.494	0.501	0.427	0.483	0.479	5.55
38) T	Carbon Tetrachlor	0.607	0.520	0.510	0.521	0.453	0.511	0.520	9.50
39) T	Methylcyclohexane	0.554	0.493	0.525	0.540	0.486	0.556	0.526	5.73
40) TM	Benzene	1.586	1.375	1.392	1.387	1.220	1.371	1.388	8.41
41) T	Methacrylonitrile	0.305	0.252	0.277	0.272	0.242	0.270	0.270	8.09
42) TM	1,2-Dichloroethan	0.576	0.502	0.499	0.501	0.439	0.493	0.502	8.69
43) T	Isopropyl Acetate	0.887	0.743	0.780	0.806	0.726	0.837	0.797	7.54
44) TM	Trichloroethene	0.540	0.416	0.409	0.402	0.348	0.394	0.418	15.33
45) C	1,2-Dichloropropa	0.399	0.359	0.357	0.354	0.314	0.357	0.357	7.52#
46) T	Dibromomethane	0.274	0.242	0.243	0.244	0.214	0.245	0.243	7.73
47) T	Bromodichlorometh	0.553	0.486	0.503	0.510	0.448	0.510	0.502	6.87
48) T	Methyl methacryla	0.356	0.360	0.373	0.404	0.359	0.420	0.379	7.12
49) T	1,4-Dioxane	0.009	0.008	0.009	0.009	0.008	0.009	0.009	4.82
50) S	Toluene-d8		1.240	1.181	1.112	1.053	1.262	1.170	7.46
51) T	4-Methyl-2-Pentan	0.445	0.460	0.496	0.497	0.445	0.506	0.475	5.92
52) CM	Toluene	0.941	0.839	0.880	0.879	0.778	0.884	0.867	6.27#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53)	T t-1,3-Dichloropro	0.578	0.520	0.543	0.565	0.515	0.600	0.554	6.06
54)	T cis-1,3-Dichlorop	0.633	0.579	0.592	0.605	0.536	0.615	0.593	5.72
55)	T 1,1,2-Trichloroet	0.383	0.357	0.354	0.354	0.318	0.360	0.354	5.85
56)	T Ethyl methacrylat	0.448	0.444	0.508	0.539	0.504	0.582	0.504	10.53
57)	T 1,3-Dichloropropa	0.672	0.594	0.600	0.598	0.526	0.605	0.599	7.71
58)	T 2-Chloroethyl Vin	0.189	0.242	0.263	0.276	0.249	0.287	0.251	13.86
59)	T 2-Hexanone	0.305	0.335	0.363	0.370	0.334	0.375	0.347	7.76
60)	T Dibromochlorometh	0.429	0.392	0.408	0.416	0.381	0.442	0.411	5.50
61)	T 1,2-Dibromoethane	0.405	0.374	0.379	0.384	0.345	0.397	0.381	5.55
62)	S 4-Bromofluorobenz		0.463	0.442	0.437	0.426	0.517	0.457	7.89
63)	I Chlorobenzene-d5	-----ISTD-----							
64)	T Tetrachloroethene	0.497	0.426	0.405	0.399	0.333	0.361	0.404	14.06
65)	PM Chlorobenzene	1.221	1.028	1.013	1.021	0.888	1.021	1.032	10.38
66)	T 1,1,1,2-Tetrachlo	0.461	0.387	0.392	0.395	0.347	0.404	0.398	9.27
67)	C Ethyl Benzene	1.831	1.640	1.723	1.786	1.570	1.791	1.723	5.83#
68)	T m/p-Xylenes	0.700	0.622	0.675	0.692	0.601	0.681	0.662	6.14
69)	T o-Xylene	0.651	0.585	0.633	0.652	0.582	0.673	0.630	6.00
70)	T Styrene	1.021	0.977	1.090	1.149	1.029	1.165	1.072	7.01
71)	P Bromoform	0.301	0.305	0.311	0.336	0.300	0.339	0.315	5.53
72)	I 1,4-Dichlorobenzene-d	-----ISTD-----							
73)	T Isopropylbenzene	3.212	3.186	3.358	3.461	3.013	3.420	3.275	5.16
74)	T N-amyl acetate	1.332	1.251	1.406	1.531	1.335	1.530	1.397	8.16
75)	P 1,1,2,2-Tetrachlo	1.161	1.040	1.030	1.038	0.888	1.024	1.030	8.41
76)	T 1,2,3-Trichloropr	1.082	0.981	1.016	1.034	0.852	0.935	0.983	8.27
77)	T Bromobenzene	1.039	0.888	0.886	0.910	0.788	0.890	0.900	8.97
78)	T n-propylbenzene	3.595	3.490	3.805	3.920	3.464	3.946	3.704	5.80
79)	T 2-Chlorotoluene	2.305	2.171	2.280	2.353	2.055	2.285	2.241	4.87
80)	T 1,3,5-Trimethylbe	2.604	2.529	2.796	2.909	2.561	2.900	2.717	6.36
81)	T trans-1,4-Dichlor		0.375	0.364	0.406	0.349	0.404	0.380	6.55
82)	T 4-Chlorotoluene	2.798	2.616	2.699	2.785	2.433	2.747	2.679	5.14
83)	T tert-Butylbenzene	2.605	2.521	2.694	2.847	2.492	2.841	2.667	5.79
84)	T 1,2,4-Trimethylbe	2.441	2.589	2.900	2.983	2.649	2.974	2.756	8.25
85)	T sec-Butylbenzene	2.958	2.962	3.186	3.348	2.979	3.374	3.135	6.23
86)	T p-Isopropyltoluen	2.704	2.728	3.004	3.186	2.766	3.121	2.918	7.27
87)	T 1,3-Dichlorobenze	1.980	1.628	1.622	1.596	1.395	1.587	1.635	11.63
88)	T 1,4-Dichlorobenze	2.164	1.658	1.606	1.630	1.402	1.588	1.675	15.30
89)	T n-Butylbenzene	2.800	2.315	2.586	2.730	2.431	2.772	2.606	7.61
90)	T Hexachloroethane	0.596	0.578	0.560	0.596	0.523	0.599	0.575	5.16
91)	T 1,2-Dichlorobenze	1.790	1.501	1.515	1.537	1.323	1.502	1.528	9.82
92)	T 1,2-Dibromo-3-Chl	0.305	0.227	0.234	0.241	0.214	0.252	0.246	12.99
93)	T 1,2,4-Trichlorobe	1.229	0.950	0.993	1.053	0.936	1.097	1.043	10.51
94)	T Hexachlorobutadie	0.562	0.398	0.387	0.405	0.365	0.414	0.422	16.70
95)	T Naphthalene	2.970	2.793	3.186	3.460	3.053	3.563	3.171	9.30
96)	T 1,2,3-Trichlorobe	1.140	0.918	0.964	1.036	0.931	1.069	1.009	8.61

(#) = Out of Range