

Method Path : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\
 Method File : 82X110718W.M
 Title : SW846 8260
 Last Update : Wed Nov 07 14:40:53 2018
 Response Via : Initial Calibration

Calibration Files

1 =VX005822.D 5 =VX005823.D 20 =VX005824.D
 50 =VX005825.D 100 =VX005826.D 150 =VX005827.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.463	0.427	0.453	0.461	0.449	0.452	0.451	2.90
3) P	Chloromethane	0.642	0.661	0.540	0.579	0.589	0.539	0.592	8.63
4) C	Vinyl Chloride	0.595	0.592	0.588	0.616	0.603	0.570	0.594	2.58#
5) T	Bromomethane	0.392	0.387	0.314	0.360	0.348	0.380	0.363	8.14
6) T	Chloroethane	0.371	0.378	0.346	0.355	0.356	0.322	0.354	5.56
7) T	Trichlorofluorome	0.819	0.836	0.761	0.806	0.777	0.732	0.788	4.92
8) T	Diethyl Ether	0.325	0.337	0.296	0.299	0.293	0.303	0.309	5.80
9) T	1,1,2-Trichlorotr	0.485	0.512	0.435	0.445	0.435	0.410	0.453	8.29
10) T	Methyl Iodide		0.447	0.503	0.595	0.608	0.594	0.550	12.87
11) T	Tert butyl alcoho		0.185	0.151	0.159	0.157	0.172	0.165	8.27
12) CM	1,1-Dichloroethen	0.502	0.494	0.403	0.435	0.416	0.401	0.442	10.23#
13) T	Acrolein		0.039	0.071	0.076	0.081	0.084	0.070	25.46
14) T	Allyl chloride	1.069	1.046	0.904	1.004	0.978	0.922	0.987	6.67
15) T	Acrylonitrile	0.351	0.356	0.337	0.352	0.324	0.328	0.341	4.02
16) T	Acetone	0.328	0.307	0.304	0.315	0.299	0.305	0.309	3.39
17) T	Carbon Disulfide	1.395	1.365	1.200	1.349	1.339	1.262	1.318	5.53
18) T	Methyl Acetate	1.177	1.009	0.843	0.860	0.830	0.804	0.921	15.72
19) T	Methyl tert-butyl	1.556	1.574	1.372	1.541	1.530	1.478	1.508	4.93
20) T	Methylene Chlorid	0.586	0.579	0.483	0.484	0.464	0.454	0.508	11.47
21) T	trans-1,2-Dichlor	0.541	0.476	0.441	0.477	0.425	0.436	0.466	9.16
22) T	Diisopropyl ether	1.907	1.735	1.649	1.744	1.676	1.663	1.729	5.51
23) T	Vinyl Acetate	1.511	1.475	1.436	1.520	1.483	1.470	1.483	2.04
24) P	1,1-Dichloroethan	0.980	1.005	0.892	0.906	0.895	0.857	0.922	6.19
25) T	2-Butanone	0.470	0.489	0.466	0.508	0.486	0.501	0.487	3.38
26) T	2,2-Dichloropropa	0.665	0.701	0.662	0.694	0.677	0.660	0.677	2.60
27) T	cis-1,2-Dichloroe	0.515	0.537	0.489	0.528	0.511	0.508	0.515	3.22
28) T	Bromochloromethan	0.363	0.436	0.392	0.464	0.420	0.399	0.412	8.56
29) T	Tetrahydrofuran	0.291	0.308	0.304	0.338	0.320	0.313	0.312	5.10
30) C	Chloroform	0.916	0.960	0.861	0.902	0.867	0.833	0.890	5.10#
31) T	Cyclohexane	0.750	0.792	0.775	0.838	0.827	0.822	0.801	4.26
32) T	1,1,1-Trichloroet	0.721	0.799	0.706	0.776	0.741	0.711	0.742	5.07
33) S	1,2-Dichloroethan		0.618	0.559	0.585	0.557	0.555	0.575	4.72
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.329	0.336	0.354	0.332	0.350	0.340	3.22
36) T	1,1-Dichloroprope	0.478	0.462	0.475	0.499	0.484	0.493	0.482	2.72
37) T	Ethyl Acetate	0.609	0.590	0.629	0.659	0.642	0.674	0.634	4.95
38) T	Carbon Tetrachlor	0.473	0.484	0.467	0.493	0.493	0.486	0.483	2.22
39) T	Methylcyclohexane	0.474	0.429	0.459	0.520	0.509	0.539	0.489	8.45
40) TM	Benzene	1.400	1.401	1.375	1.452	1.362	1.441	1.405	2.51
41) T	Methacrylonitrile	0.327	0.322	0.327	0.357	0.353	0.368	0.343	5.71
42) TM	1,2-Dichloroethan	0.468	0.505	0.512	0.514	0.496	0.525	0.503	3.96
43) T	Isopropyl Acetate	0.811	0.863	0.897	0.981	0.942	1.017	0.918	8.36
44) TM	Trichloroethene	0.397	0.346	0.335	0.357	0.344	0.362	0.357	6.08
45) C	1,2-Dichloropropa	0.377	0.336	0.322	0.340	0.321	0.351	0.341	6.12#
46) T	Dibromomethane	0.218	0.212	0.210	0.213	0.207	0.224	0.214	2.92
47) T	Bromodichlorometh	0.405	0.394	0.385	0.412	0.405	0.427	0.404	3.57
48) T	Methyl methacryla	0.393	0.379	0.382	0.436	0.430	0.453	0.412	7.58
49) T	1,4-Dioxane	0.008	0.008	0.009	0.009	0.009	0.010	0.009	9.22
50) S	Toluene-d8		1.162	1.127	1.148	1.085	1.131	1.131	2.57
51) T	4-Methyl-2-Pentan	0.499	0.547	0.620	0.582	0.583	0.641	0.579	8.82
52) CM	Toluene	0.710	0.808	0.850	0.792	0.763	0.790	0.785	5.97#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.413	0.445	0.451	0.531	0.505	0.519	0.477	9.94
54) T	cis-1,3-Dichlorop	0.452	0.466	0.482	0.500	0.497	0.522	0.486	5.22
55) T	1,1,2-Trichloroet	0.350	0.354	0.354	0.337	0.355	0.350	0.350	1.95
56) T	Ethyl methacrylat	0.413	0.470	0.501	0.557	0.569	0.633	0.524	14.99
57) T	1,3-Dichloropropa	0.525	0.589	0.601	0.604	0.616	0.594	0.588	5.52
58) T	2-Chloroethyl Vin	0.195	0.225	0.265	0.279	0.284	0.295	0.257	15.20
59) T	2-Hexanone	0.381	0.491	0.520	0.546	0.540	0.584	0.510	13.80
60) T	Dibromochlorometh	0.299	0.343	0.385	0.406	0.415	0.422	0.378	12.72
61) T	1,2-Dibromoethane	0.349	0.389	0.398	0.394	0.396	0.396	0.387	4.85
62) S	4-Bromofluorobenz		0.373	0.362	0.418	0.419	0.460	0.406	9.70
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.459	0.426	0.416	0.465	0.409	0.380	0.426	7.53
65) PM	Chlorobenzene	1.011	1.007	1.042	1.047	0.939	0.965	1.002	4.24
66) T	1,1,1,2-Tetrachlo	0.334	0.359	0.338	0.348	0.352	0.360	0.348	3.07
67) C	Ethyl Benzene	1.486	1.468	1.518	1.730	1.781	1.656	1.606	8.34#
68) T	m/p-Xylenes	0.556	0.583	0.606	0.619	0.624	0.688	0.613	7.27
69) T	o-Xylene	0.485	0.528	0.543	0.571	0.576	0.595	0.549	7.24
70) T	Styrene	0.782	0.759	0.932	0.965	0.979	1.020	0.906	12.04
71) P	Bromoform	0.262	0.270	0.264	0.294	0.315	0.346	0.292	11.54
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	2.270	2.736	3.266	3.137	3.025	2.914	2.891	12.28
74) T	N-amyl acetate	1.046	1.291	1.660	1.566	1.597	1.675	1.473	17.04
75) P	1,1,2,2-Tetrachlo	1.029	1.078	1.041	1.070	1.058	1.091	1.061	2.20
76) T	1,2,3-Trichloropr	0.954	1.054	1.062	1.055	1.009	0.974	1.018	4.56
77) T	Bromobenzene	0.797	0.840	0.811	0.829	0.813	0.801	0.815	2.00
78) T	n-propylbenzene	2.632	3.453	3.563	3.678	3.578	3.542	3.408	11.35
79) T	2-Chlorotoluene	1.847	2.044	2.113	2.168	2.099	2.088	2.060	5.42
80) T	1,3,5-Trimethylbe	1.816	2.375	2.603	2.705	2.635	2.608	2.457	13.56
81) T	trans-1,4-Dichlor	0.245	0.282	0.346	0.333	0.347	0.364	0.319	14.45
82) T	4-Chlorotoluene	2.022	2.370	2.516	2.581	2.542	2.534	2.427	8.72
83) T	tert-Butylbenzene	2.014	2.559	2.485	2.609	2.621	2.626	2.486	9.53
84) T	1,2,4-Trimethylbe	1.720	2.663	2.679	2.797	2.700	2.703	2.543	15.98
85) T	sec-Butylbenzene	2.314	3.324	3.083	3.212	3.165	3.141	3.040	11.99
86) T	p-Isopropyltoluen	2.113	2.567	2.784	2.924	2.880	2.887	2.693	11.59
87) T	1,3-Dichlorobenze	1.510	1.739	1.516	1.544	1.523	1.552	1.564	5.59
88) T	1,4-Dichlorobenze	1.643	1.734	1.538	1.570	1.547	1.574	1.601	4.68
89) T	n-Butylbenzene	2.189	2.366	2.433	2.626	2.658	2.703	2.495	8.03
90) T	Hexachloroethane	0.410	0.393	0.432	0.467	0.488	0.506	0.450	9.98
91) T	1,2-Dichlorobenze	1.524	1.704	1.504	1.554	1.532	1.583	1.567	4.63
92) T	1,2-Dibromo-3-Chl	0.223	0.218	0.258	0.279	0.279	0.297	0.259	12.46
93) T	1,2,4-Trichlorobe	1.019	0.909	1.112	1.179	1.190	1.209	1.103	10.69
94) T	Hexachlorobutadie	0.647	0.502	0.567	0.588	0.587	0.586	0.579	8.03
95) T	Naphthalene	2.483	2.446	3.315	3.623	3.654	3.649	3.195	18.16
96) T	1,2,3-Trichlorobe	1.064	0.939	1.153	1.191	1.207	1.188	1.124	9.26

(#) = Out of Range