

Method Path : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\
 Method File : 82X102419W.M
 Title : SW846 8260
 Last Update : Thu Oct 24 03:56:38 2019
 Response Via : Initial Calibration

Calibration Files

1 =VX013185.D 5 =VX013186.D 20 =VX013187.D
 50 =VX013188.D 100 =VX013189.D 150 =VX013190.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	1.251	1.036	0.884	0.959	0.966	0.957	1.009	12.68
3) P	Chloromethane	1.158	0.910	0.770	0.802	0.820	0.854	0.886	16.02
4) C	Vinyl Chloride	1.094	0.934	0.798	0.847	0.877	0.899	0.908	11.25#
5) T	Bromomethane		0.579	0.493	0.426	0.453	0.455	0.481	12.42
6) T	Chloroethane	0.882	0.570	0.533	0.518	0.544	0.468	0.586	25.44
7) T	Trichlorofluorome	1.989	1.540	1.340	1.405	1.450	1.437	1.527	15.42
8) T	Diethyl Ether	0.591	0.484	0.439	0.464	0.485	0.487	0.491	10.60
9) T	1,1,2-Trichlorotr	1.045	0.880	0.797	0.872	0.873	0.857	0.887	9.36
10) T	Methyl Iodide		0.764	0.870	1.099	1.182	1.169	1.017	18.57
11) T	Tert butyl alcoho		0.308	0.225	0.219	0.225	0.228	0.241	15.54
12) CM	1,1-Dichloroethen	1.004	0.857	0.756	0.808	0.841	0.846	0.852	9.73#
13) T	Acrolein		0.113	0.112	0.117	0.137	0.135	0.123	9.97
14) T	Allyl chloride	1.601	1.343	1.174	1.260	1.333	1.335	1.341	10.67
15) T	Acrylonitrile	0.539	0.470	0.409	0.433	0.456	0.459	0.461	9.57
16) T	Acetone	0.565	0.474	0.471	0.488	0.485	0.474	0.493	7.33
17) T	Carbon Disulfide	2.914	2.200	1.959	2.144	2.237	2.285	2.290	14.22
18) T	Methyl Acetate	1.461	1.123	0.962	1.048	1.080	1.097	1.129	15.25
19) T	Methyl tert-butyl	3.598	2.983	2.685	2.828	2.957	2.945	2.999	10.46
20) T	Methylene Chlorid	1.287	1.043	0.845	0.909	0.928	0.925	0.990	16.08
21) T	trans-1,2-Dichlor	1.266	0.937	0.805	0.870	0.900	0.891	0.945	17.26
22) T	Diisopropyl ether	3.204	2.613	2.369	2.461	2.540	2.543	2.622	11.34
23) T	Vinyl Acetate	2.397	2.194	2.040	2.181	2.283	2.276	2.229	5.40
24) P	1,1-Dichloroethan	1.968	1.620	1.422	1.512	1.582	1.572	1.613	11.61
25) T	2-Butanone	0.736	0.672	0.608	0.632	0.655	0.661	0.661	6.57
26) T	2,2-Dichloropropa	1.737	1.461	1.307	1.438	1.504	1.496	1.490	9.41
27) T	cis-1,2-Dichloroe	1.223	1.060	0.942	0.977	1.029	1.027	1.043	9.35
28) T	Bromochloromethan	0.391	0.408	0.416	0.423	0.433	0.423	0.416	3.51
29) T	Tetrahydrofuran	0.488	0.412	0.350	0.366	0.383	0.391	0.398	12.30
30) C	Chloroform	2.062	1.773	1.511	1.614	1.677	1.665	1.717	11.04#
31) T	Cyclohexane		1.439	1.263	1.349	1.348	1.363	1.352	4.62
32) T	1,1,1-Trichloroet	1.676	1.480	1.375	1.497	1.565	1.568	1.527	6.64
33) S	1,2-Dichloroethan		1.148	0.968	0.999	1.063	1.052	1.046	6.59
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.546	0.540	0.559	0.569	0.574	0.558	2.62
36) T	1,1-Dichloroprope	1.193	0.857	0.811	0.854	0.824	0.840	0.896	16.31
37) T	Ethyl Acetate	1.059	0.780	0.749	0.789	0.805	0.817	0.833	13.60
38) T	Carbon Tetrachlor	1.144	0.862	0.821	0.894	0.900	0.924	0.924	12.28
39) T	Methylcyclohexane	1.356	1.013	0.964	1.056	1.005	1.028	1.070	13.36
40) TM	Benzene	3.067	2.465	2.294	2.429	2.408	2.405	2.511	11.08
41) T	Methacrylonitrile	0.504	0.428	0.408	0.440	0.443	0.457	0.447	7.28
42) TM	1,2-Dichloroethan	1.116	0.943	0.866	0.926	0.913	0.917	0.947	9.17
43) T	Isopropyl Acetate	1.555	1.345	1.272	1.355	1.366	1.406	1.383	6.86
44) TM	Trichloroethene	0.896	0.694	0.652	0.688	0.666	0.681	0.713	12.78
45) C	1,2-Dichloropropa	0.813	0.597	0.575	0.594	0.595	0.601	0.629	14.42#
46) T	Dibromomethane	0.588	0.429	0.407	0.433	0.426	0.435	0.453	14.73
47) T	Bromodichlorometh	0.999	0.822	0.803	0.867	0.900	0.909	0.883	7.97
48) T	Methyl methacryla	0.775	0.675	0.619	0.658	0.679	0.696	0.684	7.56
49) T	1,4-Dioxane	0.020	0.019	0.016	0.017	0.016	0.016	0.017	9.46
50) S	Toluene-d8		2.089	2.010	2.049	2.077	2.106	2.066	1.83
51) T	4-Methyl-2-Pentan	0.956	0.841	0.782	0.810	0.830	0.841	0.843	7.09
52) CM	Toluene	2.142	1.611	1.496	1.579	1.579	1.580	1.664	14.24#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.948	0.783	0.859	0.983	1.012	1.047	0.939	10.63
54) T	cis-1,3-Dichlorop	1.066	0.917	0.955	1.056	1.074	1.093	1.027	7.07
55) T	1,1,2-Trichloroet	0.755	0.673	0.613	0.629	0.636	0.642	0.658	7.84
56) T	Ethyl methacrylat	1.016	0.906	0.922	0.986	1.039	1.073	0.990	6.65
57) T	1,3-Dichloropropa	1.408	1.061	1.009	1.058	1.056	1.069	1.110	13.27
58) T	2-Chloroethyl Vin	0.313	0.375	0.380	0.404	0.421	0.425	0.386	10.71
59) T	2-Hexanone	0.710	0.644	0.604	0.648	0.652	0.640	0.650	5.26
60) T	Dibromochlorometh	0.734	0.615	0.615	0.702	0.728	0.743	0.690	8.60
61) T	1,2-Dibromoethane	0.826	0.681	0.631	0.681	0.679	0.694	0.699	9.44
62) S	4-Bromofluorobenz		0.799	0.768	0.811	0.854	0.857	0.818	4.64
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.897	0.687	0.648	0.658	0.613	0.593	0.683	16.11
65) PM	Chlorobenzene	2.122	1.749	1.573	1.669	1.666	1.722	1.750	10.97
66) T	1,1,1,2-Tetrachlo	0.745	0.604	0.577	0.634	0.657	0.663	0.647	8.97
67) C	Ethyl Benzene	3.681	3.021	2.852	3.085	3.068	3.093	3.133	9.02#
68) T	m/p-Xylenes	1.438	1.131	1.090	1.154	1.146	1.146	1.184	10.70
69) T	o-Xylene	1.317	1.116	1.031	1.104	1.121	1.126	1.136	8.40
70) T	Styrene	2.245	1.808	1.769	1.960	1.966	1.988	1.956	8.60
71) P	Bromoform	0.473	0.383	0.414	0.490	0.525	0.548	0.472	13.44
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	5.510	4.558	4.135	4.329	4.353	4.357	4.540	10.87
74) T	N-amyl acetate	1.865	1.563	1.490	1.670	1.685	1.726	1.666	7.84
75) P	1,1,2,2-Tetrachlo	1.644	1.381	1.231	1.348	1.325	1.342	1.379	10.14
76) T	1,2,3-Trichloropr	1.423	1.332	1.043	1.070	1.089	1.274	1.205	13.18
77) T	Bromobenzene	1.312	1.105	0.973	1.029	1.069	1.042	1.088	10.84
78) T	n-propylbenzene	5.930	4.734	4.322	4.834	4.893	4.879	4.932	10.81
79) T	2-Chlorotoluene	3.832	3.076	2.854	3.000	2.906	3.029	3.116	11.55
80) T	1,3,5-Trimethylbe	4.179	3.603	3.528	3.780	3.826	3.727	3.774	6.03
81) T	trans-1,4-Dichlor		0.371	0.388	0.444	0.494	0.495	0.439	13.26
82) T	4-Chlorotoluene	4.183	3.425	3.250	3.394	3.387	3.545	3.531	9.44
83) T	tert-Butylbenzene	4.524	3.692	3.395	3.567	3.549	3.677	3.734	10.75
84) T	1,2,4-Trimethylbe	4.304	3.591	3.515	3.736	3.855	3.839	3.807	7.32
85) T	sec-Butylbenzene	4.822	4.024	3.955	4.170	4.275	4.248	4.249	7.23
86) T	p-Isopropyltoluen	4.468	3.784	3.742	4.052	4.036	3.870	3.992	6.65
87) T	1,3-Dichlorobenze	2.267	1.936	1.776	1.950	1.920	1.946	1.966	8.20
88) T	1,4-Dichlorobenze	2.575	1.921	1.799	1.914	1.894	1.906	2.002	14.22
89) T	n-Butylbenzene	3.424	2.957	3.022	3.368	3.383	3.439	3.266	6.62
90) T	Hexachloroethane	0.698	0.570	0.605	0.690	0.710	0.739	0.669	9.90
91) T	1,2-Dichlorobenze	2.457	1.829	1.792	1.868	1.806	1.846	1.933	13.35
92) T	1,2-Dibromo-3-Chl	0.398	0.347	0.290	0.342	0.334	0.346	0.343	9.98
93) T	1,2,4-Trichlorobe	1.466	1.085	1.151	1.246	1.156	1.200	1.217	10.93
94) T	Hexachlorobutadie	0.803	0.584	0.563	0.638	0.600	0.589	0.630	14.04
95) T	Naphthalene	3.748	3.595	3.560	3.841	3.732	3.940	3.736	3.85
96) T	1,2,3-Trichlorobe	1.339	1.104	1.157	1.203	1.193	1.221	1.203	6.54

(#) = Out of Range