

Method Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\
 Method File : 82U090619W.M
 Title : SW846 8260
 Last Update : Fri Sep 06 05:10:13 2019
 Response Via : Initial Calibration

Calibration Files

1 =VU034271.D 5 =VU034272.D 20 =VU034273.D
 50 =VU034274.D 100 =VU034275.D 150 =VU034276.D

	Compound	1	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.612	0.592	0.489	0.483	0.472	0.488	0.523	11.89
3) P	Chloromethane	0.886	0.724	0.589	0.558	0.530	0.580	0.644	21.09
4) C	Vinyl Chloride	0.778	0.717	0.630	0.590	0.586	0.610	0.652	11.99#
5) T	Bromomethane		0.459	0.371	0.332	0.334	0.304	0.360	16.71
6) T	Chloroethane	0.568	0.466	0.401	0.383	0.367	0.376	0.427	18.21
7) T	Trichlorofluorome	1.035	0.934	0.849	0.804	0.794	0.826	0.874	10.72
8) T	Diethyl Ether	0.444	0.396	0.376	0.357	0.359	0.373	0.384	8.50
9) T	1,1,2-Trichlorotr	0.695	0.635	0.557	0.525	0.520	0.541	0.579	12.18
10) T	Methyl Iodide		0.322	0.435	0.507	0.561	0.557	0.477	21.04
11) T	Tert butyl alcoho		0.166	0.146	0.154	0.160	0.173	0.160	6.50
12) CM	1,1-Dichloroethen	0.632	0.583	0.532	0.504	0.496	0.518	0.544	9.71#
13) T	Acrolein		0.159	0.132	0.129	0.123	0.129	0.134	10.76
14) T	Allyl chloride	1.204	1.096	0.989	0.970	0.970	1.011	1.040	8.94
15) T	Acrylonitrile	0.377	0.412	0.401	0.400	0.391	0.408	0.398	3.21
16) T	Acetone	0.468	0.427	0.395	0.359	0.350	0.349	0.391	12.36
17) T	Carbon Disulfide	1.516	1.357	1.141	1.103	1.081	1.137	1.223	14.28
18) T	Methyl Acetate	1.214	1.017	0.886	0.871	0.846	0.882	0.953	14.86
19) T	Methyl tert-butyl	2.084	1.991	1.956	1.931	1.930	2.006	1.983	2.94
20) T	Methylene Chlorid	0.917	0.773	0.655	0.638	0.625	0.644	0.709	16.29
21) T	trans-1,2-Dichlor	0.646	0.640	0.549	0.532	0.524	0.548	0.573	9.58
22) T	Diisopropyl ether	1.966	2.086	2.086	2.005	1.984	2.042	2.028	2.54
23) T	Vinyl Acetate	1.545	1.590	1.661	1.680	1.685	1.752	1.652	4.46
24) P	1,1-Dichloroethan	1.370	1.325	1.183	1.129	1.109	1.151	1.211	9.02
25) T	2-Butanone	0.450	0.542	0.531	0.530	0.532	0.551	0.523	7.00
26) T	2,2-Dichloropropa	1.110	1.025	0.947	0.911	0.908	0.944	0.974	8.09
27) T	cis-1,2-Dichloroe	0.736	0.739	0.675	0.657	0.668	0.702	0.696	5.04
28) T	Bromochloromethan	0.572	0.626	0.550	0.572	0.514	0.508	0.557	7.84
29) T	Tetrahydrofuran	0.291	0.317	0.324	0.326	0.319	0.332	0.318	4.53
30) C	Chloroform	1.501	1.333	1.192	1.130	1.096	1.136	1.231	12.69#
31) T	Cyclohexane		1.045	0.866	0.828	0.829	0.863	0.886	10.23
32) T	1,1,1-Trichloroet	1.091	1.070	0.974	0.916	0.906	0.949	0.984	7.99
33) S	1,2-Dichloroethan		0.858	0.722	0.752	0.726	0.724	0.757	7.68

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.561	0.432	0.459	0.436	0.438	0.465	11.78
36) T	1,1-Dichloroprope	0.610	0.565	0.524	0.511	0.510	0.534	0.542	7.16
37) T	Ethyl Acetate	0.676	0.592	0.648	0.636	0.628	0.667	0.641	4.71
38) T	Carbon Tetrachlor	0.679	0.602	0.558	0.545	0.533	0.557	0.579	9.35
39) T	Methylcyclohexane	0.594	0.581	0.547	0.562	0.579	0.614	0.580	4.06
40) TM	Benzene	1.933	1.834	1.739	1.669	1.630	1.694	1.750	6.50
41) T	Methacrylonitrile	0.298	0.331	0.342	0.355	0.352	0.372	0.342	7.45
42) TM	1,2-Dichloroethan	0.680	0.647	0.605	0.575	0.560	0.577	0.607	7.73
43) T	Isopropyl Acetate	0.956	0.981	0.973	0.990	1.013	1.087	1.000	4.68
44) TM	Trichloroethene	0.530	0.528	0.475	0.455	0.450	0.468	0.484	7.39
45) C	1,2-Dichloropropa	0.554	0.536	0.505	0.490	0.480	0.504	0.512	5.45#
46) T	Dibromomethane	0.337	0.343	0.318	0.309	0.302	0.317	0.321	5.00
47) T	Bromodichlorometh	0.737	0.678	0.643	0.628	0.623	0.656	0.661	6.42
48) T	Methyl methacryla	0.497	0.412	0.447	0.475	0.495	0.525	0.475	8.50
49) T	1,4-Dioxane	0.010	0.010	0.009	0.010	0.011	0.012	0.010	7.48
50) S	Toluene-d8		1.708	1.707	1.824	1.761	1.739	1.748	2.77
51) T	4-Methyl-2-Pentan	0.648	0.690	0.683	0.695	0.701	0.736	0.692	4.12
52) CM	Toluene	1.090	1.152	1.100	1.078	1.058	1.107	1.098	2.91#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53)	T t-1,3-Dichloropro	0.670	0.661	0.648	0.670	0.703	0.760	0.685	5.94
54)	T cis-1,3-Dichlorop	0.723	0.736	0.747	0.745	0.757	0.803	0.752	3.67
55)	T 1,1,2-Trichloroet	0.534	0.510	0.490	0.478	0.473	0.505	0.498	4.56
56)	T Ethyl methacrylat	0.516	0.609	0.643	0.699	0.753	0.810	0.672	15.65
57)	T 1,3-Dichloropropa	0.838	0.843	0.802	0.779	0.783	0.824	0.812	3.42
58)	T 2-Chloroethyl Vin	0.156	0.188	0.213	0.254	0.238	0.281	0.222	20.47
59)	T 2-Hexanone	0.457	0.505	0.514	0.532	0.535	0.560	0.517	6.78
60)	T Dibromochlorometh	0.501	0.547	0.526	0.521	0.536	0.576	0.535	4.82
61)	T 1,2-Dibromoethane	0.485	0.499	0.483	0.475	0.478	0.507	0.488	2.53
62)	S 4-Bromofluorobenz		0.741	0.615	0.667	0.671	0.679	0.675	6.66
63)	I Chlorobenzene-d5	-----ISTD-----							
64)	T Tetrachloroethene	0.497	0.460	0.437	0.405	0.399	0.405	0.434	8.93
65)	PM Chlorobenzene	1.292	1.317	1.268	1.219	1.227	1.288	1.269	3.05
66)	T 1,1,1,2-Tetrachlo	0.534	0.479	0.475	0.454	0.467	0.495	0.484	5.74
67)	C Ethyl Benzene	2.025	2.004	2.057	2.054	2.105	2.201	2.074	3.41#
68)	T m/p-Xylenes	0.678	0.760	0.803	0.803	0.806	0.837	0.781	7.17
69)	T o-Xylene	0.697	0.706	0.773	0.778	0.795	0.833	0.764	6.87
70)	T Styrene	1.096	1.203	1.389	1.394	1.442	1.510	1.339	11.70
71)	P Bromoform	0.411	0.409	0.415	0.403	0.424	0.455	0.420	4.48
72)	I 1,4-Dichlorobenzene-d	-----ISTD-----							
73)	T Isopropylbenzene	3.164	3.094	3.241	3.210	3.336	3.477	3.254	4.17
74)	T N-amyl acetate	1.100	1.138	1.273	1.356	1.447	1.545	1.310	13.26
75)	P 1,1,2,2-Tetrachlo	1.512	1.407	1.290	1.225	1.212	1.256	1.317	8.99
76)	T 1,2,3-Trichloropr	1.153	1.168	1.043	1.011	1.074	1.099	1.091	5.61
77)	T Bromobenzene	0.973	0.912	0.879	0.866	0.894	0.935	0.910	4.31
78)	T n-propylbenzene	3.492	3.564	3.793	3.754	3.902	4.043	3.758	5.48
79)	T 2-Chlorotoluene	2.256	2.289	2.304	2.229	2.310	2.370	2.293	2.11
80)	T 1,3,5-Trimethylbe	2.280	2.567	2.844	2.790	2.874	2.974	2.721	9.38
81)	T trans-1,4-Dichlor		0.313	0.350	0.326	0.264	0.370	0.325	12.39
82)	T 4-Chlorotoluene	2.490	2.559	2.706	2.608	2.687	2.782	2.639	4.03
83)	T tert-Butylbenzene	2.574	2.563	2.698	2.678	2.846	2.975	2.722	5.90
84)	T 1,2,4-Trimethylbe	2.327	2.538	2.842	2.814	2.900	3.015	2.739	9.36
85)	T sec-Butylbenzene	2.768	3.015	3.302	3.255	3.393	3.550	3.214	8.72
86)	T p-Isopropyltoluen	2.577	2.710	3.062	3.018	3.153	3.279	2.966	9.07
87)	T 1,3-Dichlorobenze	1.748	1.668	1.646	1.581	1.625	1.693	1.660	3.47
88)	T 1,4-Dichlorobenze	2.015	1.754	1.697	1.605	1.626	1.693	1.732	8.59
89)	T n-Butylbenzene	2.039	2.250	2.612	2.703	2.855	3.009	2.578	14.28
90)	T Hexachloroethane	0.483	0.463	0.446	0.451	0.479	0.525	0.475	6.06
91)	T 1,2-Dichlorobenze	1.696	1.645	1.628	1.574	1.590	1.656	1.632	2.75
92)	T 1,2-Dibromo-3-Chl	0.197	0.230	0.244	0.251	0.257	0.275	0.242	10.98
93)	T 1,2,4-Trichlorobe	0.501	0.717	1.017	1.098	1.176	1.274	0.964	30.68
94)	T Hexachlorobutadie	0.597	0.563	0.568	0.544	0.562	0.590	0.571	3.46
95)	T Naphthalene	1.180	1.682	2.666	3.115	3.325	3.617	2.598	37.28
96)	T 1,2,3-Trichlorobe	0.746	0.834	1.020	1.085	1.127	1.213	1.004	17.89

(#) = Out of Range