

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\
 Method File : 82W082319S.M
 Title : SW846 8260
 Last Update : Mon Aug 26 07:18:31 2019
 Response Via : Initial Calibration

Calibration Files

10 =VW012125.D 5 =VW012124.D 20 =VW012126.D
 50 =VW012127.D 100 =VW012128.D 150 =VW012129.D

	Compound	10	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.263	0.341	0.249	0.339	0.295	0.360	0.308	14.81
3) P	Chloromethane	0.451	0.558	0.426	0.494	0.426	0.507	0.477	10.93
4) C	Vinyl Chloride	0.545	0.654	0.534	0.624	0.534	0.612	0.584	8.99#
5) T	Bromomethane	0.281	0.341	0.257	0.323	0.271	0.301	0.296	10.86
6) T	Chloroethane	0.311	0.353	0.298	0.357	0.305	0.353	0.329	8.34
7) T	Trichlorofluorome	0.255	0.277	0.266	0.317	0.288	0.356	0.293	12.78
8) T	Diethyl Ether	0.262	0.287	0.263	0.297	0.260	0.301	0.278	6.80
9) T	1,1,2-Trichlorotr	0.477	0.546	0.459	0.534	0.457	0.516	0.498	7.79
10) T	Methyl Iodide	0.623	0.713	0.617	0.732	0.633	0.727	0.674	8.19
11) T	Tert butyl alcoho	0.034	0.034	0.033	0.038	0.034	0.041	0.036	8.05
12) CM	1,1-Dichloroethen	0.467	0.537	0.461	0.538	0.469	0.537	0.502	7.88#
13) T	Acrolein	0.034	0.034	0.035	0.032	0.033	0.033	0.034	3.17
14) T	Allyl chloride	0.996	1.085	1.000	1.159	1.023	1.172	1.072	7.35
15) T	Acrylonitrile	0.130	0.139	0.131	0.145	0.131	0.152	0.138	6.40
16) T	Acetone	0.129	0.142	0.136	0.178	0.159	0.168	0.152	12.79
17) T	Carbon Disulfide	1.300	1.625	1.288	1.693	1.483	1.706	1.516	12.49
18) T	Methyl Acetate	0.351	0.396	0.370	0.386	0.348	0.408	0.376	6.47
19) T	Methyl tert-butyl	0.775	0.836	0.791	0.868	0.750	0.845	0.811	5.64
20) T	Methylene Chlorid	0.568	0.703	0.545	0.580	0.494	0.557	0.574	12.12
21) T	trans-1,2-Dichlor	0.504	0.557	0.508	0.578	0.507	0.572	0.538	6.51
22) T	Diisopropyl ether	1.947	1.982	1.968	2.120	1.835	2.072	1.987	5.04
23) T	Vinyl Acetate	1.111	1.141	1.175	1.351	1.191	1.371	1.223	9.02
24) P	1,1-Dichloroethan	1.047	1.112	1.047	1.146	0.998	1.143	1.082	5.57
25) T	2-Butanone	0.186	0.189	0.193	0.230	0.207	0.234	0.206	10.22
26) T	2,2-Dichloropropa	0.597	0.677	0.588	0.637	0.554	0.621	0.612	6.93
27) T	cis-1,2-Dichloroe	0.546	0.579	0.554	0.618	0.537	0.614	0.575	6.03
28) T	Bromochloromethan	0.470	0.542	0.489	0.451	0.420	0.458	0.472	8.77
29) T	Tetrahydrofuran	0.112	0.113	0.119	0.135	0.122	0.142	0.124	9.83
30) C	Chloroform	0.979	1.058	0.964	1.033	0.897	1.009	0.990	5.75#
31) T	Cyclohexane	1.044	1.298	0.978	1.100	0.933	1.071	1.071	11.87
32) T	1,1,1-Trichloroet	0.751	0.816	0.758	0.824	0.726	0.824	0.783	5.51
33) S	1,2-Dichloroethan	0.586	0.650	0.577	0.600	0.555	0.597	0.594	5.34
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.300	0.324	0.285	0.299	0.284	0.299	0.298	4.82
36) T	1,1-Dichloroprope	0.494	0.539	0.491	0.547	0.488	0.541	0.517	5.53
37) T	Ethyl Acetate	0.260	0.293	0.273	0.299	0.268	0.305	0.283	6.55
38) T	Carbon Tetrachlor	0.425	0.453	0.425	0.473	0.428	0.478	0.447	5.49
39) T	Methylcyclohexane	0.536	0.601	0.533	0.630	0.555	0.628	0.580	7.73
40) TM	Benzene	1.364	1.466	1.363	1.489	1.323	1.460	1.411	4.88
41) T	Methacrylonitrile	0.162	0.140	0.170	0.176	0.163	0.187	0.166	9.50
42) TM	1,2-Dichloroethan	0.432	0.452	0.432	0.465	0.412	0.460	0.442	4.59
43) T	Isopropyl Acetate	0.484	0.507	0.496	0.557	0.516	0.588	0.524	7.62
44) TM	Trichloroethene	0.331	0.356	0.327	0.360	0.323	0.360	0.343	5.15
45) C	1,2-Dichloropropa	0.370	0.389	0.368	0.399	0.356	0.397	0.380	4.66#
46) T	Dibromomethane	0.156	0.176	0.164	0.177	0.161	0.179	0.169	5.68
47) T	Bromodichlorometh	0.426	0.445	0.431	0.479	0.433	0.484	0.450	5.68
48) T	Methyl methacryla	0.221	0.229	0.236	0.273	0.250	0.289	0.250	10.66
49) T	1,4-Dioxane	0.003	0.002	0.002	0.003	0.003	0.003	0.003	10.39
50) S	Toluene-d8	1.182	1.274	1.173	1.232	1.173	1.227	1.210	3.36
51) T	4-Methyl-2-Pentan	0.246	0.252	0.257	0.285	0.263	0.297	0.267	7.53
52) CM	Toluene	0.811	0.859	0.816	0.902	0.803	0.895	0.848	5.19#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.415	0.420	0.433	0.501	0.458	0.522	0.458	9.71
54) T	cis-1,3-Dichlorop	0.515	0.516	0.532	0.597	0.545	0.614	0.553	7.66
55) T	1,1,2-Trichloroet	0.239	0.236	0.232	0.249	0.224	0.254	0.239	4.57
56) T	Ethyl methacrylat	0.311	0.312	0.331	0.380	0.350	0.403	0.348	10.73
57) T	1,3-Dichloropropa	0.438	0.442	0.438	0.477	0.431	0.484	0.452	5.03
58) T	2-Chloroethyl Vin	0.160	0.165	0.176	0.176	0.200	0.194	0.179	8.79
59) T	2-Hexanone	0.167	0.167	0.178	0.211	0.194	0.214	0.189	11.14
60) T	Dibromochlorometh	0.244	0.256	0.254	0.287	0.258	0.298	0.266	7.94
61) T	1,2-Dibromoethane	0.209	0.218	0.214	0.237	0.217	0.241	0.223	5.97
62) S	4-Bromofluorobenz	0.426	0.470	0.406	0.425	0.408	0.424	0.427	5.43
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.306	0.334	0.317	0.347	0.305	0.336	0.324	5.35
65) PM	Chlorobenzene	0.965	1.012	0.962	1.034	0.910	1.024	0.985	4.81
66) T	1,1,1,2-Tetrachlo	0.327	0.336	0.337	0.367	0.328	0.365	0.343	5.20
67) C	Ethyl Benzene	1.799	1.919	1.836	2.009	1.802	2.014	1.897	5.23#
68) T	m/p-Xylenes	0.653	0.688	0.666	0.728	0.643	0.722	0.683	5.24
69) T	o-Xylene	0.607	0.614	0.617	0.680	0.600	0.677	0.632	5.74
70) T	Styrene	1.025	1.064	1.067	1.188	1.047	1.175	1.094	6.33
71) P	Bromoform	0.155	0.162	0.167	0.181	0.168	0.193	0.171	8.12
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.609	3.668	3.642	3.964	3.606	3.990	3.747	4.81
74) T	N-amyl acetate	1.023	0.984	1.090	1.227	1.142	1.324	1.132	11.28
75) P	1,1,2,2-Tetrachlo	0.668	0.676	0.679	0.712	0.652	0.734	0.687	4.44
76) T	1,2,3-Trichloropr	0.458	0.502	0.480	0.502	0.459	0.521	0.487	5.29
77) T	Bromobenzene	0.779	0.818	0.791	0.840	0.772	0.863	0.811	4.47
78) T	n-propylbenzene	4.398	4.468	4.471	4.854	4.376	4.876	4.574	5.00
79) T	2-Chlorotoluene	2.517	2.626	2.532	2.720	2.439	2.747	2.597	4.68
80) T	1,3,5-Trimethylbe	3.022	3.054	3.067	3.322	2.988	3.330	3.131	4.92
81) T	trans-1,4-Dichlor	0.192	0.184	0.216	0.240	0.233	0.268	0.222	14.20
82) T	4-Chlorotoluene	2.701	2.773	2.632	2.843	2.535	2.830	2.719	4.42
83) T	tert-Butylbenzene	2.578	2.598	2.570	2.799	2.546	2.820	2.652	4.65
84) T	1,2,4-Trimethylbe	3.043	3.132	3.096	3.314	2.988	3.295	3.145	4.23
85) T	sec-Butylbenzene	3.683	3.854	3.696	3.992	3.589	3.981	3.799	4.43
86) T	p-Isopropyltoluen	3.287	3.386	3.287	3.612	3.216	3.571	3.393	4.82
87) T	1,3-Dichlorobenze	1.590	1.627	1.549	1.622	1.484	1.641	1.585	3.76
88) T	1,4-Dichlorobenze	1.563	1.646	1.534	1.619	1.460	1.623	1.574	4.44
89) T	n-Butylbenzene	3.213	3.307	3.261	3.618	3.228	3.617	3.374	5.67
90) T	Hexachloroethane	0.551	0.593	0.556	0.636	0.583	0.653	0.595	6.96
91) T	1,2-Dichlorobenze	1.381	1.414	1.352	1.455	1.311	1.431	1.391	3.83
92) T	1,2-Dibromo-3-Chl	0.110	0.113	0.113	0.117	0.111	0.130	0.116	6.32
93) T	1,2,4-Trichlorobe	0.883	0.917	0.920	1.031	0.928	1.088	0.961	8.33
94) T	Hexachlorobutadie	0.621	0.660	0.609	0.653	0.591	0.675	0.635	5.14
95) T	Naphthalene	1.434	1.342	1.572	1.880	1.778	2.092	1.683	16.92
96) T	1,2,3-Trichlorobe	0.779	0.788	0.789	0.902	0.829	0.943	0.839	8.21

(#) = Out of Range