Response Factor Report 7890

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\
Method File : 82N072219W.M
Title : SW846 8260
Last Update : Tue Jul 23 01:46:34 2019
Response Via : Initial Calibration

Calibration Files
1 =VN056850.D 5 =VN056851.D 20 =VN056852.D
50 =VN056853.D 100 =VN056854.D 150 =VN056855.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------	ISTD	----------					
2)	T	Dichlorodifluorom	0.417	0.430	0.623	0.644	0.621	0.598	0.556	18.61
3)	P	Chloromethane	0.751	0.603	0.712	0.736	0.699	0.686	0.698	7.51
4)	C	Vinyl Chloride	0.617	0.561	0.668	0.690	0.665	0.645	0.641	7.21#
5)	T	Bromomethane		0.410	0.392	0.391	0.376	0.380	0.390	3.40
6)	T	Chloroethane	0.370	0.319	0.360	0.362	0.353	0.343	0.351	5.16
7)	T	Trichlorofluorome	0.807	0.748	0.801	0.803	0.786	0.752	0.783	3.36
8)	T	Diethyl Ether	0.297	0.294	0.291	0.295	0.294	0.280	0.292	2.08
9)	T	1,1,2-Trichlorotr	0.510	0.461	0.494	0.497	0.483	0.461	0.484	4.17
10)	T	Methyl Iodide		0.468	0.645	0.716	0.693	0.674	0.639	15.49
11)	T	Tert butyl alcoho		0.064	0.078	0.080	0.079	0.077	0.076	8.65
12)	CM	1,1-Dichloroethen	0.506	0.452	0.494	0.498	0.490	0.472	0.485	4.03#
13)	T	Acrolein		0.066	0.056	0.068	0.063	0.062	0.063	7.12
14)	T	Allyl chloride	0.817	0.733	0.785	0.824	0.828	0.800	0.798	4.44
15)	T	Acrylonitrile	0.218	0.200	0.232	0.246	0.240	0.231	0.228	7.17
16)	T	Acetone	0.243	0.189	0.186	0.186	0.178	0.170	0.192	13.39
17)	T	Carbon Disulfide	1.397	1.148	1.276	1.374	1.386	1.364	1.324	7.29
18)	T	Methyl Acetate	1.307	0.655	0.666	0.655	0.632	0.605	0.753	36.13
19)	T	Methyl tert-butyl	1.472	1.295	1.431	1.499	1.483	1.420	1.434	5.18
20)	T	Methylene Chlorid	0.643	0.561	0.566	0.580	0.559	0.537	0.574	6.33
21)	T	trans-1,2-Dichlor	0.505	0.469	0.515	0.527	0.521	0.504	0.507	4.03
22)	T	Diisopropyl ether	1.619	1.508	1.649	1.698	1.628	1.574	1.613	4.05
23)	T	Vinyl Acetate	1.097	1.063	1.165	1.250	1.229	1.186	1.165	6.29
24)	P	1,1-Dichloroethan	0.973	0.871	0.943	0.969	0.945	0.905	0.934	4.23
25)	T	2-Butanone		0.278	0.257	0.280	0.299	0.296	0.284	0.282	5.38
26)	T	2,2-Dichloropropa	0.686	0.614	0.649	0.670	0.666	0.637	0.654	3.98
27)	T	cis-1,2-Dichloroe	0.571	0.553	0.589	0.602	0.596	0.574	0.581	3.13
28)	T	Bromochloromethan	0.426	0.429	0.438	0.442	0.415	0.394	0.424	4.14
29)	T	Tetrahydrofuran	0.193	0.173	0.195	0.208	0.202	0.193	0.194	6.01
30)	C	Chloroform	1.052	0.882	0.941	0.946	0.916	0.882	0.937	6.73#
31)	T	Cyclohexane		0.949	0.905	0.923	0.896	0.860	0.907	3.67
32)	T	1,1,1-Trichloroet	0.743	0.715	0.765	0.791	0.782	0.750	0.758	3.67
33)	S	1,2-Dichloroethan		0.527	0.576	0.528	0.523	0.513	0.533	4.61
34)	I	1,4-Difluorobenzene	----------	ISTD	----------					
35)	S	Dibromofluorometh		0.312	0.333	0.316	0.318	0.306	0.317	3.16
36)	T	1,1-Dichloroprope	0.453	0.430	0.464	0.482	0.479	0.459	0.461	4.17
37)	T	Ethyl Acetate	0.313	0.317	0.397	0.415	0.401	0.388	0.372	12.10
38)	T	Carbon Tetrachlor	0.430	0.409	0.442	0.457	0.455	0.440	0.439	4.04
39)	T	Methylcyclohexane	0.577	0.529	0.575	0.604	0.598	0.580	0.577	4.59
40)	TM	Benzene	1.456	1.366	1.447	1.491	1.447	1.387	1.432	3.26
41)	T	Methacrylonitrile	0.171	0.162	0.199	0.191	0.187	0.198	0.185	7.98
42)	TM	1,2-Dichloroethan	0.456	0.428	0.461	0.462	0.450	0.429	0.448	3.46
43)	T	Isopropyl Acetate	0.644	0.567	0.632	0.670	0.670	0.653	0.639	5.99
44)	TM	Trichloroethene	0.390	0.359	0.387	0.399	0.389	0.377	0.384	3.67
45)	C	1,2-Dichloropropa	0.414	0.360	0.389	0.395	0.386	0.370	0.386	4.88#
46)	T	Dibromomethane	0.255	0.225	0.236	0.244	0.237	0.230	0.238	4.47
47)	T	Bromodichlorometh	0.437	0.403	0.446	0.471	0.472	0.458	0.448	5.78
48)	T	Methyl methacryla	0.322	0.281	0.318	0.340	0.332	0.325	0.320	6.43
49)	T	1,4-Dioxane	0.006	0.006	0.006	0.007	0.007	0.006	0.006	8.26
50)	S	Toluene-d8		1.156	1.281	1.217	1.215	1.193	1.212	3.76
51)	T	4-Methyl-2-Pentan	0.364	0.338	0.387	0.408	0.403	0.387	0.381	6.93
52)	CM	Toluene	0.806	0.798	0.886	0.917	0.896	0.868	0.862	5.71#

Response Factor Report 7890

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\
Method File : 82N072219W.M
Title : SW846 8260
Last Update : Tue Jul 23 01:46:34 2019
Response Via : Initial Calibration

Calibration Files
1 =VN056850.D 5 =VN056851.D 20 =VN056852.D
50 =VN056853.D 100 =VN056854.D 150 =VN056855.D

		Compound	1	5	20	50	100	150	Avg	%RSD
53)	T	t-1,3-Dichloropro	0.403	0.380	0.450	0.500	0.516	0.507	0.460	12.57
54)	T	cis-1,3-Dichlorop	0.484	0.480	0.545	0.580	0.589	0.573	0.542	8.99
55)	T	1,1,2-Trichloroet	0.345	0.330	0.343	0.353	0.347	0.335	0.342	2.42
56)	T	Ethyl methacrylat	0.398	0.396	0.483	0.519	0.532	0.520	0.475	13.12
57)	T	1,3-Dichloropropa	0.555	0.518	0.571	0.593	0.592	0.569	0.566	4.95
58)	T	2-Chloroethyl Vin	0.139	0.176	0.201	0.222	0.230	0.226	0.199	17.92
59)	T	2-Hexanone	0.244	0.216	0.268	0.287	0.288	0.280	0.264	10.80
60)	T	Dibromochlorometh	0.291	0.289	0.348	0.371	0.385	0.376	0.343	12.54
61)	T	1,2-Dibromoethane	0.290	0.312	0.347	0.369	0.365	0.355	0.340	9.33
62)	S	4-Bromofluorobenz		0.326	0.394	0.408	0.426	0.431	0.397	10.66
63)	I	Chlorobenzene-d5	----------	ISTD	----------					
64)	T	Tetrachloroethene	0.465	0.438	0.432	0.438	0.413	0.388	0.429	6.11
65)	PM	Chlorobenzene	1.055	0.985	1.045	1.074	1.053	1.023	1.039	3.02
66)	T	1,1,1,2-Tetrachlo	0.412	0.370	0.395	0.399	0.392	0.382	0.392	3.73
67)	C	Ethyl Benzene	1.702	1.644	1.842	1.899	1.867	1.808	1.794	5.57#
68)	T	m/p-Xylenes	0.635	0.606	0.687	0.716	0.704	0.681	0.672	6.34
69)	T	o-Xylene	0.644	0.584	0.665	0.698	0.682	0.660	0.656	6.05
70)	T	Styrene	0.802	0.897	1.082	1.169	1.177	1.148	1.046	15.17
71)	P	Bromoform	0.235	0.225	0.268	0.294	0.305	0.302	0.271	12.81
72)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------					
73)	T	Isopropylbenzene	5.593	4.679	4.458	4.149	3.779	3.511	4.361	16.96
74)	T	N-amyl acetate	1.894	1.373	1.455	1.422	1.370	1.295	1.468	14.69
75)	P	1,1,2,2-Tetrachlo	1.823	1.372	1.293	1.168	1.070	1.011	1.289	22.81
76)	T	1,2,3-Trichloropr	1.177	1.181	1.090	0.996	0.919	0.855	1.036	13.08
77)	T	Bromobenzene	1.216	1.158	1.138	1.085	1.004	0.944	1.091	9.31
78)	T	n-propylbenzene	5.327	4.650	4.685	4.564	4.314	4.033	4.596	9.45
79)	T	2-Chlorotoluene	3.757	2.975	2.920	2.718	2.518	2.366	2.875	17.04
80)	T	1,3,5-Trimethylbe	4.556	3.831	3.774	3.481	3.195	2.984	3.637	15.30
81)	T	trans-1,4-Dichlor		0.295	0.321	0.339	0.337	0.325	0.324	5.38
82)	T	4-Chlorotoluene	3.280	2.721	2.705	2.707	2.571	2.422	2.734	10.64
83)	T	tert-Butylbenzene	4.144	3.385	3.234	2.995	2.772	2.594	3.188	17.29
84)	T	1,2,4-Trimethylbe	4.016	3.504	3.657	3.424	3.178	3.006	3.464	10.31
85)	T	sec-Butylbenzene	4.947	4.253	4.133	3.956	3.666	3.469	4.071	12.74
86)	T	p-Isopropyltoluen	4.154	3.762	3.718	3.555	3.367	3.202	3.626	9.21
87)	T	1,3-Dichlorobenze	1.961	1.686	1.753	1.744	1.709	1.636	1.748	6.44
88)	T	1,4-Dichlorobenze	1.890	1.638	1.691	1.696	1.671	1.605	1.698	5.88
89)	T	n-Butylbenzene	2.757	2.631	2.812	2.906	2.872	2.752	2.788	3.52
90)	T	Hexachloroethane	0.786	0.651	0.616	0.604	0.582	0.559	0.633	12.84
91)	T	1,2-Dichlorobenze	2.064	1.699	1.768	1.747	1.665	1.600	1.757	9.21
92)	T	1,2-Dibromo-3-Chl	0.224	0.176	0.185	0.185	0.193	0.185	0.191	8.73
93)	T	1,2,4-Trichlorobe	0.521	0.489	0.695	0.854	0.984	1.014	0.760	29.93
94)	T	Hexachlorobutadie	0.989	0.737	0.643	0.623	0.578	0.558	0.688	23.26
95)	T	Naphthalene	1.626	1.206	1.758	2.236	2.604	2.554	1.997	27.93
96)	T	1,2,3-Trichlorobe	0.680	0.626	0.808	0.910	1.005	0.998	0.838	19.20

(#) = Out of Range