Response Factor Report 7890

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N050421W.M
Title : SW846 8260
Last Update : Wed May 05 07:24:52 2021
Response Via : Initial Calibration

Calibration Files
5 =VN066927.D 20 =VN066928.D 40 =VN066929.D 50 =VN066930.D 100 =VN066931.D

		Compound	5	20	40	50	100	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoro...	0.712	0.616	0.675	0.687	0.687	0.675	5.31
3)	P	Chloromethane	1.039	0.851	0.945	1.000	1.010	0.969	7.67
4)	C	Vinyl Chloride	0.953	0.812	0.928	0.967	0.992	0.930	7.54#
5)	T	Bromomethane	0.531	0.444	0.497	0.515	0.488	0.495	6.67
6)	T	Chloroethane	0.599	0.489	0.544	0.563	0.548	0.548	7.21
7)	T	Trichlorofluorom...	1.191	0.993	1.097	1.115	1.125	1.104	6.49
8)	T	Diethyl Ether	0.401	0.357	0.396	0.413	0.416	0.397	5.98
9)	T	1,1,2-Trichlorot...	0.600	0.516	0.562	0.561	0.570	0.562	5.34
10)	T	Methyl Iodide	0.737	0.669	0.753	0.759	0.783	0.740	5.83
11)	T	Tert butyl alcohol	0.106	0.100	0.112	0.117	0.120	0.111	7.20
12)	CM	1,1-Dichloroethene	0.579	0.493	0.540	0.553	0.568	0.547	6.07#
13)	T	Acrolein	0.102	0.081	0.091	0.093	0.095	0.092	8.20
14)	T	Allyl chloride	1.120	0.968	1.107	1.114	1.172	1.096	6.93
15)	T	Acrylonitrile	0.306	0.296	0.340	0.347	0.360	0.330	8.37
16)	T	Acetone	0.320	0.249	0.276	0.273	0.266	0.277	9.56
17)	T	Carbon Disulfide	1.829	1.522	1.683	1.706	1.730	1.694	6.56
18)	T	Methyl Acetate	0.732	0.721	0.827	0.835	0.844	0.792	7.57
19)	T	Methyl tert-buty...	1.813	1.738	2.030	2.066	2.151	1.960	8.98
20)	T	Methylene Chloride	0.752	0.647	0.700	0.705	0.708	0.702	5.32
21)	T	trans-1,2-Dichlo...	0.598	0.543	0.605	0.606	0.621	0.595	5.05
22)	T	Diisopropyl ether	2.126	2.025	2.256	2.322	2.364	2.219	6.33
23)	T	Vinyl Acetate	1.653	1.577	1.840	1.908	1.902	1.776	8.53
24)	P	1,1-Dichloroethane	1.347	1.173	1.281	1.300	1.311	1.282	5.13
25)	T	2-Butanone	0.400	0.363	0.413	0.422	0.443	0.408	7.21
26)	T	2,2-Dichloropropane	1.122	0.997	1.088	1.086	1.091	1.077	4.36
27)	T	cis-1,2-Dichloro...	0.673	0.611	0.700	0.702	0.721	0.681	6.27
28)	T	Bromochloromethane	0.644	0.563	0.556	0.578	0.624	0.593	6.55
29)	T	Tetrahydrofuran	0.243	0.247	0.279	0.288	0.297	0.271	9.08
30)	C	Chloroform	1.286	1.129	1.215	1.237	1.254	1.224	4.84#
31)	T	Cyclohexane	1.232	0.958	1.076	1.106	1.164	1.107	9.26
32)	T	1,1,1-Trichloroe...	1.107	0.972	1.052	1.062	1.087	1.056	4.89
33)	S	1,2-Dichloroetha...	0.869	0.727	0.755	0.775	0.809	0.787	6.97
34)	I	1,4-Difluorobenzene	----------ISTD----------						
35)	S	Dibromofluoromet...	0.381	0.313	0.328	0.330	0.345	0.340	7.54
36)	T	1,1-Dichloropropene	0.529	0.456	0.528	0.530	0.561	0.521	7.48
37)	T	Ethyl Acetate	0.493	0.483	0.555	0.559	0.563	0.531	7.34
38)	T	Carbon Tetrachlo...	0.572	0.490	0.551	0.542	0.559	0.543	5.80
39)	T	Methylcyclohexane	0.535	0.493	0.605	0.611	0.659	0.581	11.40
40)	TM	Benzene	1.669	1.459	1.672	1.664	1.710	1.635	6.10
41)	T	Methacrylonitrile	0.236	0.194	0.212	0.229	0.270	0.228	12.40
42)	TM	1,2-Dichloroethane	0.602	0.527	0.593	0.590	0.603	0.583	5.45
43)	T	Isopropyl Acetate	0.820	0.757	0.881	0.902	0.948	0.862	8.66
44)	TM	Trichloroethene	0.376	0.320	0.365	0.365	0.374	0.360	6.35
45)	C	1,2-Dichloropropane	0.459	0.419	0.466	0.463	0.475	0.457	4.82#
46)	T	Dibromomethane	0.270	0.249	0.274	0.274	0.281	0.269	4.56
47)	T	Bromodichloromet...	0.580	0.526	0.600	0.591	0.614	0.582	5.80
48)	T	Methyl methacrylate	0.319	0.325	0.402	0.414	0.448	0.382	14.95
49)	T	1,4-Dioxane	0.005	0.005	0.006	0.007	0.007	0.006	13.62
50)	S	Toluene-d8	1.324	1.170	1.287	1.296	1.387	1.293	6.10
51)	T	4-Methyl-2-Penta...	0.426	0.440	0.527	0.545	0.552	0.498	12.07
52)	CM	Toluene	0.904	0.857	1.005	0.994	1.045	0.961	8.11#
53)	T	t-1,3-Dichloropr...	0.574	0.539	0.645	0.648	0.698	0.621	10.26
54)	T	cis-1,3-Dichloro...	0.644	0.605	0.715	0.711	0.753	0.686	8.71
55)	T	1,1,2-Trichloroe...	0.379	0.338	0.394	0.393	0.403	0.381	6.76
56)	T	Ethyl methacrylate	0.386	0.428	0.560	0.587	0.643	0.521	20.98

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57)	T	1,3-Dichloropropane	0.658	0.591	0.696	0.704	0.729	0.676	7.93
58)	T	2-Chloroethyl Vi...	0.065	0.068	0.095	0.102	0.125	0.091	27.43
59)	T	2-Hexanone	0.190	0.251	0.338	0.359	0.392	0.306	27.16
60)	T	Dibromochloromet...	0.414	0.374	0.443	0.442	0.461	0.427	7.93
61)	T	1,2-Dibromoethane	0.349	0.331	0.385	0.384	0.408	0.371	8.34
62)	S	4-Bromofluoroben...	0.330	0.371	0.465	0.478	0.545	0.438	19.77
63)	I	Chlorobenzene-d5	----------ISTD----------						
64)	T	Tetrachloroethene	0.386	0.313	0.337	0.340	0.333	0.342	7.83
65)	PM	Chlorobenzene	1.101	0.945	1.068	1.109	1.128	1.070	6.85
66)	T	1,1,1,2-Tetrachl...	0.435	0.368	0.417	0.423	0.431	0.415	6.58
67)	C	Ethyl Benzene	1.700	1.636	1.968	2.023	2.097	1.885	10.84#
68)	T	m/p-Xylenes	0.611	0.601	0.739	0.765	0.791	0.701	12.67
69)	T	o-Xylene	0.596	0.575	0.715	0.729	0.779	0.679	13.06
70)	T	Styrene	0.767	0.891	1.158	1.185	1.288	1.058	20.70
71)	P	Bromoform	0.279	0.257	0.311	0.318	0.335	0.300	10.35
72)	I	1,4-Dichlorobenzen...	----------ISTD----------						
73)	T	Isopropylbenzene	3.571	3.643	4.084	4.067	4.028	3.879	6.44
74)	T	N-amyl acetate		0.058	0.633	0.868	1.240	0.700	70.81
75)	P	1,1,2,2-Tetrachl...	1.442	1.308	1.386	1.369	1.294	1.360	4.44
76)	T	1,2,3-Trichlorop...	0.994	1.125	1.278	1.271	1.288	1.191	10.84
77)	T	Bromobenzene	0.894	0.851	0.949	0.943	0.939	0.915	4.59
78)	T	n-propylbenzene	3.779	4.037	4.708	4.758	4.733	4.403	10.48
79)	T	2-Chlorotoluene	2.957	2.697	2.916	2.926	2.922	2.884	3.66
80)	T	1,3,5-Trimethylb...	3.109	3.146	3.515	3.566	3.585	3.384	6.98
81)	T	trans-1,4-Dichlo...	0.092	0.262	0.367	0.385	0.404	0.302	42.82
82)	T	4-Chlorotoluene	2.465	2.545	2.873	2.988	3.007	2.776	9.15
83)	T	tert-Butylbenzene	2.620	2.612	2.964	3.007	2.996	2.840	7.21
84)	T	1,2,4-Trimethylb...	2.820	2.906	3.396	3.466	3.565	3.231	10.60
85)	T	sec-Butylbenzene	3.284	3.301	3.890	3.933	4.031	3.688	9.89
86)	T	p-Isopropyltoluene	2.709	2.743	3.348	3.447	3.599	3.169	13.08
87)	T	1,3-Dichlorobenzene	1.467	1.451	1.647	1.665	1.707	1.587	7.52
88)	T	1,4-Dichlorobenzene	1.529	1.350	1.652	1.720	1.730	1.596	9.99
89)	T	n-Butylbenzene	1.819	2.039	2.632	2.782	3.050	2.464	20.97
90)	T	Hexachloroethane	0.764	0.653	0.715	0.713	0.722	0.713	5.57
91)	T	1,2-Dichlorobenzene	1.507	1.438	1.656	1.674	1.663	1.588	6.79
92)	T	1,2-Dibromo-3-Ch...	0.287	0.195	0.232	0.243	0.248	0.241	13.79
93)	T	1,2,4-Trichlorob...	0.787	0.692	0.874	0.899	0.948	0.840	12.03
94)	T	Hexachlorobutadiene	0.541	0.470	0.520	0.520	0.518	0.514	5.10
95)	T	Naphthalene	1.810	1.757	2.302	2.529	2.583	2.196	17.84
96)	T	1,2,3-Trichlorob...	0.720	0.699	0.837	0.899	0.916	0.814	12.31

(#) = Out of Range