Response Factor Report 7890

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N121120W.M
Title : SW846 8260
Last Update : Sat Dec 12 04:18:15 2020
Response Via : Initial Calibration

Calibration Files
1 =VN065070.D 5 =VN065071.D 20 =VN065072.D 50 =VN065073.D 100 =VN065074.D 150 =VN065075.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------	ISTD	----------					
2)	T	Dichlorodifluo...	0.587	0.542	0.439	0.476	0.514	0.498	0.509	10.13
3)	P	Chloromethane	0.584	0.493	0.452	0.507	0.525	0.539	0.517	8.60
4)	C	Vinyl Chloride	0.476	0.463	0.370	0.432	0.442	0.432	0.436	8.49#
5)	T	Bromomethane		0.278	0.239	0.270	0.266	0.262	0.263	5.56
6)	T	Chloroethane	0.216	0.231	0.194	0.223	0.227	0.227	0.220	6.21
7)	T	Trichlorofluor...	0.951	0.880	0.688	0.747	0.834	0.752	0.809	12.07
8)	T	Diethyl Ether	0.217	0.288	0.242	0.288	0.300	0.293	0.271	12.41
9)	T	1,1,2-Trichlor...	0.559	0.512	0.402	0.439	0.470	0.453	0.472	11.81
10)	T	Methyl Iodide		0.570	0.536	0.655	0.704	0.703	0.633	12.17
11)	T	Tert butyl alc...		0.071	0.063	0.073	0.075	0.075	0.071	6.85
12)	CM	1,1-Dichloroet...	0.497	0.466	0.393	0.432	0.466	0.460	0.452	7.91#
13)	T	Acrolein		0.041	0.036	0.045	0.046	0.047	0.043	10.63
14)	T	Allyl chloride	0.684	0.686	0.606	0.745	0.791	0.774	0.715	9.67
15)	T	Acrylonitrile	0.174	0.205	0.189	0.225	0.231	0.224	0.208	10.93
16)	T	Acetone	0.291	0.178	0.155	0.188	0.220	0.206	0.206	22.90
17)	T	Carbon Disulfide	1.258	1.323	1.111	1.255	1.344	1.311	1.267	6.64
18)	T	Methyl Acetate	0.548	0.469	0.393	0.474	0.486	0.481	0.475	10.42
19)	T	Methyl tert-bu...	1.277	1.209	1.182	1.443	1.480	1.462	1.342	10.07
20)	T	Methylene Chlo...	1.089	0.574	0.453	0.530	0.530	0.510	0.614	38.42
21)	T	trans-1,2-Dich...	0.510	0.477	0.441	0.505	0.501	0.489	0.487	5.29
22)	T	Diisopropyl ether	1.166	1.399	1.332	1.551	1.531	1.479	1.410	10.29
23)	T	Vinyl Acetate	1.016	1.113	1.060	1.304	1.323	1.277	1.182	11.40
24)	P	1,1-Dichloroet...	0.971	0.873	0.760	0.877	0.903	0.879	0.877	7.76
25)	T	2-Butanone	0.319	0.258	0.242	0.296	0.310	0.300	0.288	10.59
26)	T	2,2-Dichloropr...	0.882	0.673	0.610	0.709	0.773	0.758	0.734	12.75
27)	T	cis-1,2-Dichlo...	0.529	0.553	0.483	0.560	0.572	0.558	0.543	6.01
28)	T	Bromochloromet...	0.430	0.436	0.360	0.398	0.394	0.404	0.403	6.82
29)	T	Tetrahydrofuran	0.162	0.170	0.159	0.197	0.195	0.188	0.178	9.45
30)	C	Chloroform	0.964	0.963	0.814	0.925	0.918	0.902	0.914	6.03#
31)	T	Cyclohexane		0.851	0.666	0.716	0.763	0.752	0.750	9.11
32)	T	1,1,1-Trichlor...	0.867	0.798	0.728	0.807	0.844	0.838	0.814	6.04
33)	S	1,2-Dichloroet...		0.638	0.546	0.551	0.575	0.595	0.581	6.45
34)	I	1,4-Difluorobenzene	----------	ISTD	----------					
35)	S	Dibromofluorom...		0.350	0.319	0.337	0.339	0.347	0.338	3.56
36)	T	1,1-Dichloropr...	0.437	0.445	0.405	0.463	0.496	0.488	0.456	7.46
37)	T	Ethyl Acetate	0.424	0.417	0.356	0.441	0.443	0.442	0.420	7.91
38)	T	Carbon Tetrach...	0.492	0.509	0.466	0.524	0.551	0.546	0.515	6.35
39)	T	Methylcyclohexane	0.499	0.441	0.410	0.479	0.538	0.523	0.482	10.17
40)	TM	Benzene	1.337	1.368	1.238	1.425	1.440	1.411	1.370	5.48
41)	T	Methacrylonitrile	0.246	0.202	0.191	0.241	0.200	0.213	0.216	10.67
42)	TM	1,2-Dichloroet...	0.497	0.501	0.436	0.513	0.514	0.515	0.496	6.14
43)	T	Isopropyl Acetate	0.674	0.699	0.613	0.723	0.753	0.758	0.703	7.79
44)	TM	Trichloroethene	0.440	0.427	0.355	0.405	0.424	0.414	0.411	7.27
45)	C	1,2-Dichloropr...	0.421	0.363	0.328	0.374	0.379	0.373	0.373	8.02#
46)	T	Dibromomethane	0.257	0.264	0.225	0.265	0.261	0.259	0.255	5.92
47)	T	Bromodichlorom...	0.555	0.511	0.434	0.517	0.534	0.523	0.512	8.08
48)	T	Methyl methacr...	0.293	0.303	0.285	0.351	0.363	0.363	0.326	11.19
49)	T	1,4-Dioxane	0.005	0.005	0.005	0.006	0.006	0.006	0.006	13.65
50)	S	Toluene-d8		1.223	1.179	1.179	1.257	1.302	1.228	4.30
51)	T	4-Methyl-2-Pen...	0.352	0.360	0.366	0.444	0.446	0.438	0.401	11.45
52)	CM	Toluene	0.852	0.835	0.793	0.895	0.925	0.908	0.868	5.79#
53)	T	t-1,3-Dichloro...	0.499	0.472	0.445	0.540	0.588	0.585	0.521	11.38
54)	T	cis-1,3-Dichlo...	0.556	0.529	0.492	0.594	0.624	0.623	0.570	9.40
55)	T	1,1,2-Trichlor...	0.341	0.344	0.311	0.363	0.366	0.354	0.346	5.75

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56)	T	Ethyl methacry...	0.326	0.392	0.381	0.490	0.516	0.521	0.438	18.74
57)	T	1,3-Dichloropr...	0.553	0.552	0.507	0.583	0.602	0.585	0.564	6.06
58)	T	2-Chloroethyl ...	0.162	0.176	0.234	0.253	0.268	0.261	0.226	20.23
59)	T	2-Hexanone	0.207	0.256	0.253	0.321	0.331	0.325	0.282	18.03
60)	T	Dibromochlorom...	0.336	0.411	0.370	0.441	0.452	0.443	0.409	11.46
61)	T	1,2-Dibromoethane	0.358	0.354	0.321	0.371	0.381	0.377	0.360	6.11
62)	S	4-Bromofluorob...		0.404	0.398	0.423	0.457	0.475	0.431	7.82
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.520	0.521	0.438	0.476	0.486	0.464	0.484	6.68
65)	PM	Chlorobenzene	1.063	1.101	0.919	1.050	1.101	1.080	1.053	6.48
66)	T	1,1,1,2-Tetrac...	0.487	0.403	0.365	0.415	0.431	0.421	0.420	9.54
67)	C	Ethyl Benzene	1.619	1.698	1.506	1.778	1.947	1.910	1.743	9.74#
68)	T	m/p-Xylenes	0.624	0.655	0.603	0.695	0.761	0.739	0.680	9.33
69)	T	o-Xylene	0.563	0.597	0.579	0.649	0.718	0.697	0.634	10.15
70)	T	Styrene	0.792	0.948	0.938	1.146	1.221	1.192	1.040	16.53
71)	P	Bromoform	0.321	0.326	0.294	0.351	0.370	0.366	0.338	8.76
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	2.929	3.121	3.002	3.286	3.527	3.438	3.217	7.45
74)	T	N-amyl acetate	1.366	1.081	1.096	1.273	1.353	1.376	1.258	10.80
75)	P	1,1,2,2-Tetrac...	1.128	1.008	0.865	0.965	0.964	0.945	0.979	8.88
76)	T	1,2,3-Trichlor...	0.984	0.900	0.841	0.971	0.970	0.884	0.925	6.31
77)	T	Bromobenzene	0.854	0.939	0.811	0.944	0.980	0.959	0.914	7.28
78)	T	n-propylbenzene	3.411	3.462	3.322	3.709	4.018	3.945	3.644	8.00
79)	T	2-Chlorotoluene	2.444	2.141	2.079	2.221	2.364	2.337	2.264	6.22
80)	T	1,3,5-Trimethy...	2.220	2.527	2.524	2.848	3.011	2.981	2.685	11.63
81)	T	trans-1,4-Dich...		0.282	0.267	0.329	0.364	0.360	0.320	13.81
82)	T	4-Chlorotoluene	2.064	2.273	2.143	2.340	2.506	2.489	2.303	7.79
83)	T	tert-Butylbenzene	1.870	2.110	2.078	2.320	2.498	2.488	2.227	11.24
84)	T	1,2,4-Trimethy...	2.276	2.523	2.503	2.883	3.048	3.022	2.709	11.78
85)	T	sec-Butylbenzene	2.411	2.791	2.695	2.984	3.205	3.158	2.874	10.50
86)	T	p-Isopropyltol...	2.208	2.379	2.418	2.786	3.048	3.000	2.640	13.35
87)	T	1,3-Dichlorobe...	1.668	1.611	1.476	1.626	1.706	1.698	1.631	5.19
88)	T	1,4-Dichlorobe...	1.832	1.674	1.474	1.602	1.728	1.698	1.668	7.24
89)	T	n-Butylbenzene	1.917	1.992	1.926	2.192	2.526	2.525	2.180	13.10
90)	T	Hexachloroethane	0.550	0.505	0.457	0.502	0.543	0.549	0.518	7.12
91)	T	1,2-Dichlorobe...	1.579	1.530	1.407	1.595	1.641	1.631	1.564	5.53
92)	T	1,2-Dibromo-3-...	0.199	0.184	0.175	0.196	0.210	0.217	0.197	7.96
93)	T	1,2,4-Trichlor...	0.498	0.591	0.646	0.811	0.940	0.971	0.743	26.11
94)	T	Hexachlorobuta...	0.593	0.493	0.440	0.485	0.533	0.509	0.509	10.13
95)	T	Naphthalene	1.293	1.251	1.654	2.225	2.600	2.703	1.954	32.94
96)	T	1,2,3-Trichlor...	0.438	0.560	0.592	0.745	0.868	0.922	0.687	27.46

(#) = Out of Range