Response Factor Report MSVOA_N

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N102821W.M
Title : SW846 8260
Last Update : Thu Oct 28 16:09:15 2021
Response Via : Initial Calibration

Calibration Files
1 =VN069250.D 5 =VN069251.D 20 =VN069245.D 50 =VN069246.D 100 =VN069247.D 150 =VN069248.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.309	0.304	0.609	0.596	0.585	0.593	0.499	29.96
3)	P	Chloromethane	0.495	0.422	0.640	0.624	0.597	0.590	0.561	15.09
4)	C	Vinyl Chloride	0.542	0.470	0.750	0.732	0.714	0.737	0.658	18.23#
5)	T	Bromomethane		0.408	0.505	0.478	0.400	0.311	0.420	18.08
6)	T	Chloroethane	0.405	0.335	0.486	0.480	0.445	0.463	0.436	13.17
7)	T	Trichlorofluor...	0.706	0.842	0.981	0.945	0.914	0.933	0.887	11.25
8)	T	Diethyl Ether	0.292	0.256	0.351	0.338	0.325	0.331	0.315	11.18
9)	T	1,1,2-Trichlor...	0.412	0.388	0.530	0.508	0.487	0.497	0.470	12.03
10)	T	Methyl Iodide		0.384	0.649	0.691	0.693	0.717	0.627	22.01
11)	T	Tert butyl alc...		0.086	0.140	0.138	0.138	0.149	0.130	19.32
12)	CM	1,1-Dichloroet...	0.393	0.365	0.500	0.487	0.472	0.482	0.450	12.50#
13)	T	Acrolein		0.028	0.029	0.034	0.033	0.034	0.032	8.72
14)	T	Allyl chloride	0.728	0.622	0.849	0.851	0.843	0.881	0.796	12.58
15)	T	Acrylonitrile	0.275	0.228	0.333	0.330	0.325	0.337	0.304	14.41
16)	T	Acetone	0.305	0.228	0.363	0.327	0.313	0.310	0.308	14.41
17)	T	Carbon Disulfide	1.311	0.879	1.188	1.239	1.260	1.308	1.198	13.58
18)	T	Methyl Acetate	1.013	0.797	1.145	1.119	1.079	1.117	1.045	12.42
19)	T	Methyl tert-bu...	1.535	1.372	1.928	1.934	1.893	1.957	1.769	14.20
20)	T	Methylene Chlo...	0.695	0.507	0.607	0.581	0.568	0.581	0.590	10.42
21)	T	trans-1,2-Dich...	0.516	0.394	0.540	0.533	0.524	0.540	0.508	11.11
22)	T	Diisopropyl ether	1.300	1.331	1.824	1.875	1.839	1.884	1.675	16.72
23)	T	Vinyl Acetate	1.045	0.982	1.426	1.466	1.462	1.511	1.315	17.96
24)	P	1,1-Dichloroet...	0.804	0.771	1.054	1.034	1.008	1.035	0.951	13.43
25)	T	2-Butanone	0.391	0.315	0.490	0.482	0.467	0.475	0.437	15.87
26)	T	2,2-Dichloropr...	0.723	0.660	0.931	0.939	0.928	0.950	0.855	15.02
27)	T	cis-1,2-Dichlo...	0.506	0.495	0.656	0.657	0.635	0.651	0.600	12.95
28)	T	Bromochloromet...	0.462	0.424	0.462	0.493	0.500	0.518	0.476	7.09
29)	T	Tetrahydrofuran	0.238	0.192	0.306	0.310	0.301	0.306	0.276	17.86
30)	C	Chloroform	0.884	0.821	1.124	1.139	1.107	1.127	1.034	13.75#
31)	T	Cyclohexane		0.949	1.025	0.982	0.934	0.940	0.966	3.90
32)	T	1,1,1-Trichlor...	0.742	0.691	0.996	1.029	1.003	1.030	0.915	16.96
33)	S	1,2-Dichloroet...		0.669	0.693	0.750	0.732	0.764	0.722	5.49
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.289	0.299	0.326	0.315	0.330	0.312	5.63
36)	T	1,1-Dichloropr...	0.392	0.355	0.459	0.466	0.454	0.460	0.431	10.79
37)	T	Ethyl Acetate	0.467	0.365	0.534	0.542	0.513	0.528	0.491	13.76
38)	T	Carbon Tetrach...	0.359	0.341	0.474	0.498	0.489	0.502	0.444	16.52
39)	T	Methylcyclohexane	0.458	0.448	0.575	0.580	0.569	0.571	0.534	11.72
40)	TM	Benzene	1.136	1.073	1.419	1.416	1.359	1.377	1.297	11.73
41)	T	Methacrylonitrile	0.238	0.195	0.256	0.251	0.250	0.263	0.242	10.12
42)	TM	1,2-Dichloroet...	0.453	0.396	0.519	0.530	0.512	0.517	0.488	10.73
43)	T	Isopropyl Acetate	0.655	0.600	0.881	0.873	0.846	0.866	0.787	15.89
44)	TM	Trichloroethene	0.299	0.271	0.352	0.350	0.340	0.346	0.326	10.25
45)	C	1,2-Dichloropr...	0.288	0.272	0.359	0.359	0.349	0.354	0.330	11.92#
46)	T	Dibromomethane	0.198	0.190	0.251	0.257	0.253	0.257	0.235	13.38
47)	T	Bromodichlorom...	0.342	0.328	0.488	0.506	0.501	0.512	0.446	19.39
48)	T	Methyl methacr...	0.364	0.274	0.400	0.386	0.409	0.392	0.371	13.36
49)	T	1,4-Dioxane	0.007	0.006	0.009	0.009	0.009	0.009	0.008	18.73
50)	S	Toluene-d8		1.138	1.180	1.312	1.272	1.329	1.246	6.72
51)	T	4-Methyl-2-Pen...	0.424	0.361	0.542	0.560	0.551	0.573	0.502	17.44
52)	CM	Toluene	0.747	0.695	0.899	0.934	0.908	0.918	0.850	12.00#
53)	T	t-1,3-Dichloro...	0.381	0.339	0.517	0.566	0.570	0.591	0.494	21.73
54)	T	cis-1,3-Dichlo...	0.398	0.375	0.553	0.590	0.593	0.608	0.520	20.16
55)	T	1,1,2-Trichlor...	0.310	0.274	0.363	0.371	0.362	0.367	0.341	11.71
56)	T	Ethyl methacry...	0.454	0.416	0.582	0.626	0.620	0.649	0.558	17.63

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N102821W.M

57)	T	1,3-Dichloropr...	0.509	0.453	0.607	0.622	0.608	0.615	0.569	12.39
58)	T	2-Chloroethyl ...	0.087	0.101	0.113	0.171	0.174	0.192	0.140	31.68
59)	T	2-Hexanone	0.372	0.259	0.400	0.426	0.423	0.440	0.387	17.33
60)	T	Dibromochlorom...	0.225	0.231	0.350	0.386	0.390	0.402	0.331	24.66
61)	T	1,2-Dibromoethane	0.280	0.263	0.379	0.397	0.389	0.395	0.350	17.62
62)	S	4-Bromofluorob...		0.392	0.413	0.496	0.507	0.543	0.470	13.78
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.338	0.284	0.345	0.328	0.312	0.309	0.319	7.01
65)	PM	Chlorobenzene	0.975	0.806	1.050	1.041	1.012	1.020	0.984	9.25
66)	T	1,1,1,2-Tetrac...	0.246	0.264	0.383	0.392	0.380	0.382	0.341	19.62
67)	C	Ethyl Benzene	1.598	1.483	1.936	1.958	1.890	1.891	1.793	11.18#
68)	T	m/p-Xylenes	0.568	0.544	0.725	0.736	0.715	0.718	0.668	13.04
69)	T	o-Xylene	0.573	0.550	0.730	0.735	0.718	0.727	0.672	12.85
70)	T	Styrene	0.896	0.830	1.150	1.219	1.216	1.257	1.095	16.80
71)	P	Bromoform	0.171	0.168	0.263	0.299	0.312	0.327	0.257	27.53
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.964	3.801	4.595	4.354	4.187	4.316	4.203	6.80
74)	T	N-amyl acetate	1.792	1.263	1.691	1.731	1.687	1.770	1.656	11.88
75)	P	1,1,2,2-Tetrac...	1.352	1.172	1.491	1.393	1.326	1.315	1.342	7.79
76)	T	1,2,3-Trichlor...	1.378	1.078	1.334	1.476	1.305	1.319	1.315	10.00
77)	T	Bromobenzene	1.108	0.873	1.006	0.980	0.950	0.999	0.986	7.80
78)	T	n-propylbenzene	4.615	4.110	5.074	4.956	4.780	5.009	4.757	7.53
79)	T	2-Chlorotoluene	3.078	2.670	3.199	3.045	2.921	3.064	2.996	6.10
80)	T	1,3,5-Trimethy...	3.357	3.099	3.779	3.622	3.469	3.610	3.489	6.86
81)	T	trans-1,4-Dich...		0.240	0.395	0.433	0.452	0.482	0.400	23.79
82)	T	4-Chlorotoluene	3.263	2.515	3.034	2.969	2.898	3.051	2.955	8.39
83)	T	tert-Butylbenzene	2.837	2.738	3.333	3.156	3.025	3.177	3.044	7.36
84)	T	1,2,4-Trimethy...	3.316	2.993	3.691	3.560	3.379	3.537	3.413	7.19
85)	T	sec-Butylbenzene	3.873	3.623	4.548	4.473	4.291	4.499	4.218	9.06
86)	T	p-Isopropyltol...	3.024	2.846	3.604	3.578	3.483	3.647	3.364	10.14
87)	T	1,3-Dichlorobe...	1.997	1.427	1.744	1.747	1.693	1.741	1.725	10.52
88)	T	1,4-Dichlorobe...	2.278	1.486	1.701	1.693	1.646	1.688	1.749	15.54
89)	T	n-Butylbenzene	3.049	2.265	2.781	2.941	2.947	3.109	2.849	10.77
90)	T	Hexachloroethane	0.403	0.430	0.625	0.648	0.662	0.695	0.577	21.95
91)	T	1,2-Dichlorobe...	2.016	1.398	1.728	1.701	1.606	1.635	1.681	11.99
92)	T	1,2-Dibromo-3-...	0.301	0.168	0.269	0.275	0.272	0.290	0.263	18.32
93)	T	1,2,4-Trichlor...	1.402	0.620	0.705	0.768	0.792	0.864	0.859	32.48
94)	T	Hexachlorobuta...	0.443	0.351	0.447	0.425	0.406	0.410	0.414	8.46
95)	T	Naphthalene	5.807	1.730	1.954	2.315	2.439	2.706	2.825	53.14
96)	T	1,2,3-Trichlor...	1.528	0.604	0.697	0.761	0.770	0.840	0.866	38.50

(#) = Out of Range