Response Factor Report MSVOA_N

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N100621W.M
Title : SW846 8260
Last Update : Wed Oct 06 14:41:09 2021
Response Via : Initial Calibration

Calibration Files
5 =VN068813.D 20 =VN068814.D 50 =VN068815.D 100 =VN068816.D 150 =VN068817.D

		Compound	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoro...	0.637	0.443	0.428	0.384	0.396	0.457	22.52
3)	P	Chloromethane	0.704	0.474	0.443	0.377	0.353	0.470	29.60
4)	C	Vinyl Chloride	1.186	0.875	0.862	0.757	0.742	0.885	20.22#
5)	T	Bromomethane	1.223	0.828	0.766	0.689	0.454	0.792	35.31
6)	T	Chloroethane	0.975	0.787	0.747	0.644	0.595	0.750	19.68
7)	T	Trichlorofluorom...	1.057	0.813	0.755	0.675	0.682	0.796	19.61
8)	T	Diethyl Ether	0.311	0.269	0.256	0.236	0.241	0.263	11.54
9)	T	1,1,2-Trichlorot...	0.548	0.455	0.433	0.392	0.398	0.445	14.16
10)	T	Methyl Iodide	0.644	0.505	0.508	0.471	0.499	0.525	12.96
11)	T	Tert butyl alcohol	0.087	0.091	0.086	0.084	0.089	0.087	2.83
12)	CM	1,1-Dichloroethene	0.518	0.381	0.375	0.335	0.349	0.392	18.62#
13)	T	Acrolein	0.055	0.048	0.045	0.041	0.048	0.047	10.25
14)	T	Allyl chloride	0.759	0.630	0.630	0.584	0.614	0.643	10.44
15)	T	Acrylonitrile	0.242	0.234	0.233	0.214	0.221	0.229	4.91
16)	T	Acetone	0.276	0.237	0.214	0.188	0.189	0.221	16.78
17)	T	Carbon Disulfide	1.404	0.754	0.738	0.670	0.708	0.855	36.10
18)	T	Methyl Acetate	0.833	0.753	0.709	0.655	0.682	0.726	9.60
19)	T	Methyl tert-buty...	1.775	1.657	1.642	1.555	1.611	1.648	4.91
20)	T	Methylene Chloride	0.679	0.517	0.497	0.446	0.457	0.519	18.05
21)	T	trans-1,2-Dichlo...	0.577	0.432	0.420	0.393	0.412	0.447	16.54
22)	T	Diisopropyl ether	1.639	1.575	1.579	1.501	1.513	1.562	3.57
23)	T	Vinyl Acetate	1.268	1.218	1.228	1.168	1.215	1.219	2.92
24)	P	1,1-Dichloroethane	1.046	0.928	0.895	0.823	0.837	0.906	9.87
25)	T	2-Butanone	0.365	0.345	0.339	0.310	0.318	0.335	6.49
26)	T	2,2-Dichloropropane	0.974	0.865	0.863	0.807	0.826	0.867	7.46
27)	T	cis-1,2-Dichloro...	0.680	0.576	0.577	0.542	0.554	0.586	9.38
28)	T	Bromochloromethane	0.500	0.480	0.496	0.507	0.478	0.492	2.63
29)	T	Tetrahydrofuran	0.206	0.204	0.213	0.200	0.201	0.205	2.48
30)	C	Chloroform	1.208	1.083	1.068	1.010	1.000	1.074	7.71#
31)	T	Cyclohexane	1.163	0.741	0.668	0.624	0.623	0.764	29.88
32)	T	1,1,1-Trichloroe...	1.045	0.964	0.956	0.900	0.914	0.956	5.95
33)	S	1,2-Dichloroetha...	0.710	0.639	0.775	0.803	0.747	0.735	8.64
34)	I	1,4-Difluorobenzene	----------ISTD----------						
35)	S	Dibromofluoromet...	0.317	0.278	0.342	0.365	0.341	0.328	10.07
36)	T	1,1-Dichloropropene	0.476	0.375	0.394	0.360	0.371	0.395	11.85
37)	T	Ethyl Acetate	0.371	0.384	0.389	0.368	0.376	0.377	2.39
38)	T	Carbon Tetrachlo...	0.554	0.458	0.466	0.445	0.457	0.476	9.33
39)	T	Methylcyclohexane	0.549	0.412	0.424	0.406	0.422	0.443	13.55
40)	TM	Benzene	1.467	1.195	1.220	1.143	1.150	1.235	10.83
41)	T	Methacrylonitrile	0.195	0.198	0.192	0.175	0.185	0.189	4.90
42)	TM	1,2-Dichloroethane	0.584	0.488	0.480	0.448	0.452	0.491	11.23
43)	T	Isopropyl Acetate	0.711	0.686	0.699	0.660	0.674	0.686	2.92
44)	TM	Trichloroethene	0.373	0.312	0.314	0.296	0.303	0.320	9.64
45)	C	1,2-Dichloropropane	0.357	0.318	0.322	0.299	0.304	0.320	7.07#
46)	T	Dibromomethane	0.286	0.244	0.250	0.230	0.233	0.249	9.05
47)	T	Bromodichloromet...	0.528	0.494	0.507	0.480	0.490	0.500	3.72
48)	T	Methyl methacrylate	0.301	0.282	0.299	0.287	0.296	0.293	2.72
49)	T	1,4-Dioxane	0.007	0.006	0.006	0.006	0.006	0.006	5.47
50)	S	Toluene-d8	1.141	1.071	1.367	1.449	1.376	1.281	12.87
51)	T	4-Methyl-2-Penta...	0.438	0.436	0.446	0.424	0.440	0.437	1.79
52)	CM	Toluene	0.931	0.801	0.829	0.782	0.810	0.831	7.05#
53)	T	t-1,3-Dichloropr...	0.511	0.492	0.523	0.502	0.526	0.511	2.79
54)	T	cis-1,3-Dichloro...	0.546	0.517	0.526	0.510	0.530	0.526	2.62
55)	T	1,1,2-Trichloroe...	0.371	0.338	0.356	0.330	0.338	0.346	4.78
56)	T	Ethyl methacrylate	0.440	0.473	0.510	0.492	0.519	0.487	6.48

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57)	T	1,3-Dichloropropane	0.598	0.544	0.570	0.529	0.538	0.556	5.09
58)	T	2-Chloroethyl Vi...	0.107	0.098	0.122	0.132	0.151	0.122	17.11
59)	T	2-Hexanone	0.328	0.308	0.319	0.307	0.313	0.315	2.82
60)	T	Dibromochloromet...	0.391	0.372	0.401	0.384	0.394	0.388	2.85
61)	T	1,2-Dibromoethane	0.379	0.342	0.359	0.337	0.344	0.352	4.91
62)	S	4-Bromofluoroben...	0.366	0.349	0.454	0.519	0.519	0.441	18.46
63)	I	Chlorobenzene-d5	----------ISTD----------						
64)	T	Tetrachloroethene	0.375	0.293	0.292	0.269	0.267	0.299	14.72
65)	PM	Chlorobenzene	1.133	0.965	0.948	0.893	0.916	0.971	9.75
66)	T	1,1,1,2-Tetrachl...	0.397	0.379	0.388	0.362	0.377	0.381	3.45
67)	C	Ethyl Benzene	1.904	1.707	1.739	1.643	1.706	1.740	5.66#
68)	T	m/p-Xylenes	0.720	0.651	0.657	0.624	0.655	0.661	5.34
69)	T	o-Xylene	0.694	0.644	0.656	0.628	0.672	0.659	3.88
70)	T	Styrene	1.075	1.053	1.102	1.074	1.180	1.097	4.51
71)	P	Bromoform	0.268	0.271	0.283	0.278	0.298	0.280	4.25
72)	I	1,4-Dichlorobenzen...	----------ISTD----------						
73)	T	Isopropylbenzene	4.595	3.925	4.004	3.562	3.665	3.950	10.22
74)	T	N-amyl acetate	1.519	1.307	1.347	1.252	1.258	1.337	8.15
75)	P	1,1,2,2-Tetrachl...	1.430	1.221	1.214	1.063	1.023	1.190	13.48
76)	T	1,2,3-Trichlorop...	1.177	0.889	1.049	0.954	0.859	0.986	13.12
77)	T	Bromobenzene	1.050	0.884	0.911	0.822	0.831	0.900	10.22
78)	T	n-propylbenzene	5.170	4.440	4.545	4.136	4.173	4.493	9.27
79)	T	2-Chlorotoluene	3.151	2.648	2.706	2.430	2.442	2.676	10.94
80)	T	1,3,5-Trimethylb...	3.702	3.248	3.320	3.012	3.058	3.268	8.40
81)	T	trans-1,4-Dichlo...	0.354	0.331	0.342	0.335	0.339	0.340	2.62
82)	T	4-Chlorotoluene	3.092	2.580	2.663	2.451	2.489	2.655	9.71
83)	T	tert-Butylbenzene	3.233	2.852	2.936	2.667	2.743	2.886	7.59
84)	T	1,2,4-Trimethylb...	3.504	3.201	3.255	2.991	3.082	3.207	6.09
85)	T	sec-Butylbenzene	4.578	4.085	4.117	3.842	3.921	4.109	6.96
86)	T	p-Isopropyltoluene	3.524	3.240	3.320	3.205	3.338	3.326	3.72
87)	T	1,3-Dichlorobenzene	1.919	1.623	1.668	1.590	1.640	1.688	7.84
88)	T	1,4-Dichlorobenzene	2.028	1.645	1.608	1.497	1.550	1.666	12.63
89)	T	n-Butylbenzene	3.133	2.660	2.753	2.701	2.782	2.806	6.74
90)	T	Hexachloroethane	0.717	0.638	0.640	0.612	0.607	0.643	6.87
91)	T	1,2-Dichlorobenzene	1.890	1.620	1.626	1.486	1.500	1.624	10.00
92)	T	1,2-Dibromo-3-Ch...	0.228	0.207	0.205	0.190	0.187	0.203	8.02
93)	T	1,2,4-Trichlorob...	0.934	0.670	0.698	0.695	0.722	0.744	14.49
94)	T	Hexachlorobutadiene	0.488	0.402	0.395	0.362	0.339	0.397	14.25
95)	T	Naphthalene	2.430	1.724	1.863	1.879	2.027	1.985	13.66
96)	T	1,2,3-Trichlorob...	0.927	0.653	0.678	0.662	0.684	0.721	16.09

(#) = Out of Range