Response Factor Report MSVOA_N

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N101221W.M
Title : SW846 8260
Last Update : Wed Oct 13 05:44:40 2021
Response Via : Initial Calibration

Calibration Files
1 =VN068858.D 5 =VN068859.D 20 =VN068860.D 50 =VN068861.D 100 =VN068862.D 150 =VN068863.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.389	0.413	0.598	0.607	0.640	0.631	0.546	20.81
3)	P	Chloromethane	0.567	0.544	0.646	0.654	0.637	0.619	0.611	7.41
4)	C	Vinyl Chloride	0.483	0.539	0.678	0.682	0.679	0.663	0.621	14.01#
5)	T	Bromomethane		0.336	0.396	0.387	0.342	0.246	0.341	17.42
6)	T	Chloroethane	0.293	0.336	0.393	0.403	0.388	0.382	0.366	11.63
7)	T	Trichlorofluor...	0.686	0.773	0.928	0.933	0.955	0.940	0.869	12.87
8)	T	Diethyl Ether	0.278	0.288	0.345	0.345	0.348	0.342	0.324	9.98
9)	T	1,1,2-Trichlor...	0.372	0.409	0.499	0.500	0.517	0.507	0.467	13.06
10)	T	Methyl Iodide		0.515	0.667	0.726	0.745	0.739	0.678	14.24
11)	T	Tert butyl alc...		0.104	0.120	0.122	0.126	0.130	0.120	8.31
12)	CM	1,1-Dichloroet...	0.445	0.437	0.505	0.496	0.513	0.503	0.483	6.91#
13)	T	Acrolein		0.064	0.044	0.049	0.054	0.055	0.053	14.29
14)	T	Allyl chloride	0.577	0.786	0.946	0.948	0.980	0.960	0.866	18.26
15)	T	Acrylonitrile	0.203	0.246	0.283	0.293	0.297	0.298	0.270	14.09
16)	T	Acetone	0.215	0.215	0.276	0.265	0.257	0.248	0.246	10.39
17)	T	Carbon Disulfide	1.029	1.121	1.371	1.417	1.469	1.461	1.311	14.39
18)	T	Methyl Acetate	0.715	0.884	0.972	0.997	1.024	1.006	0.933	12.61
19)	T	Methyl tert-bu...	1.359	1.591	1.896	1.963	2.023	1.961	1.799	14.70
20)	T	Methylene Chlo...	0.508	0.542	0.567	0.589	0.604	0.588	0.566	6.28
21)	T	trans-1,2-Dich...	0.470	0.464	0.529	0.551	0.567	0.552	0.522	8.52
22)	T	Diisopropyl ether	1.301	1.605	1.898	2.014	2.035	1.953	1.801	16.12
23)	T	Vinyl Acetate	1.006	1.187	1.440	1.518	1.535	1.484	1.362	15.85
24)	P	1,1-Dichloroet...	0.791	0.872	1.030	1.048	1.074	1.057	0.979	12.04
25)	T	2-Butanone	0.283	0.328	0.399	0.411	0.410	0.400	0.372	14.41
26)	T	2,2-Dichloropr...	0.807	0.826	0.974	0.999	1.012	0.977	0.933	9.76
27)	T	cis-1,2-Dichlo...	0.604	0.555	0.636	0.665	0.671	0.655	0.631	7.00
28)	T	Bromochloromet...	0.330	0.458	0.386	0.450	0.516	0.519	0.443	16.72
29)	T	Tetrahydrofuran	0.174	0.213	0.256	0.271	0.268	0.266	0.241	16.28
30)	C	Chloroform	0.838	0.917	1.069	1.122	1.140	1.101	1.031	12.00#
31)	T	Cyclohexane		1.033	1.036	1.034	1.035	0.987	1.025	2.07
32)	T	1,1,1-Trichlor...	0.851	0.807	0.990	1.036	1.057	1.026	0.961	10.99
33)	S	1,2-Dichloroet...		0.692	0.545	0.618	0.720	0.721	0.659	11.61
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.306	0.239	0.274	0.319	0.316	0.291	11.64
36)	T	1,1-Dichloropr...	0.347	0.372	0.445	0.471	0.472	0.455	0.427	12.61
37)	T	Ethyl Acetate	0.349	0.388	0.471	0.490	0.480	0.469	0.441	13.13
38)	T	Carbon Tetrach...	0.395	0.390	0.499	0.516	0.518	0.496	0.469	12.76
39)	T	Methylcyclohexane	0.425	0.470	0.590	0.611	0.614	0.589	0.550	14.75
40)	TM	Benzene	1.041	1.135	1.389	1.440	1.429	1.368	1.300	13.01
41)	T	Methacrylonitrile	0.188	0.185	0.223	0.251	0.254	0.233	0.222	13.38
42)	TM	1,2-Dichloroet...	0.358	0.404	0.487	0.513	0.509	0.492	0.461	13.89
43)	T	Isopropyl Acetate	0.583	0.676	0.837	0.878	0.862	0.833	0.778	15.41
44)	TM	Trichloroethene	0.251	0.284	0.346	0.359	0.364	0.349	0.325	14.35
45)	C	1,2-Dichloropr...	0.266	0.298	0.360	0.372	0.371	0.359	0.337	13.23#
46)	T	Dibromomethane	0.184	0.204	0.243	0.252	0.255	0.244	0.230	12.75
47)	T	Bromodichlorom...	0.370	0.407	0.505	0.534	0.533	0.516	0.477	14.82
48)	T	Methyl methacr...	0.275	0.320	0.386	0.411	0.406	0.396	0.366	15.13
49)	T	1,4-Dioxane	0.004	0.005	0.007	0.007	0.007	0.007	0.006	20.25
50)	S	Toluene-d8		1.178	0.967	1.121	1.277	1.277	1.164	11.08
51)	T	4-Methyl-2-Pen...	0.325	0.395	0.483	0.510	0.499	0.496	0.451	16.56
52)	CM	Toluene	0.642	0.712	0.883	0.950	0.933	0.901	0.837	15.30#
53)	T	t-1,3-Dichloro...	0.399	0.460	0.563	0.605	0.614	0.602	0.541	16.63
54)	T	cis-1,3-Dichlo...	0.426	0.474	0.596	0.629	0.637	0.614	0.563	15.95
55)	T	1,1,2-Trichlor...	0.265	0.294	0.343	0.362	0.362	0.353	0.330	12.32
56)	T	Ethyl methacry...	0.427	0.470	0.571	0.617	0.622	0.616	0.554	15.27

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57)	T	1,3-Dichloropr...	0.404	0.475	0.575	0.613	0.608	0.588	0.544	15.65
58)	T	2-Chloroethyl ...	0.079	0.119	0.117	0.150	0.169	0.174	0.134	27.04
59)	T	2-Hexanone	0.228	0.277	0.342	0.367	0.362	0.366	0.324	17.98
60)	T	Dibromochlorom...	0.288	0.317	0.392	0.414	0.416	0.407	0.372	14.88
61)	T	1,2-Dibromoethane	0.244	0.292	0.358	0.383	0.381	0.372	0.338	16.94
62)	S	4-Bromofluorob...		0.406	0.348	0.420	0.497	0.524	0.439	16.21
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.266	0.301	0.349	0.354	0.343	0.321	0.322	10.52
65)	PM	Chlorobenzene	0.774	0.827	1.002	1.032	1.037	1.005	0.946	12.12
66)	T	1,1,1,2-Tetrac...	0.301	0.332	0.401	0.405	0.401	0.382	0.370	11.80
67)	C	Ethyl Benzene	1.352	1.547	1.898	1.961	1.937	1.850	1.758	14.20#
68)	T	m/p-Xylenes	0.526	0.569	0.719	0.740	0.734	0.709	0.666	14.05
69)	T	o-Xylene	0.518	0.572	0.720	0.737	0.737	0.718	0.667	14.42
70)	T	Styrene	0.790	0.900	1.140	1.213	1.240	1.231	1.086	17.78
71)	P	Bromoform	0.223	0.252	0.310	0.330	0.332	0.333	0.297	15.95
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.580	3.975	4.381	4.438	4.347	4.249	4.162	7.89
74)	T	N-amyl acetate	1.210	1.446	1.642	1.741	1.722	1.699	1.577	13.27
75)	P	1,1,2,2-Tetrac...	1.077	1.179	1.265	1.285	1.235	1.175	1.203	6.31
76)	T	1,2,3-Trichlor...	0.825	0.961	1.128	1.216	1.100	1.155	1.064	13.58
77)	T	Bromobenzene	0.753	0.872	0.964	0.989	0.973	0.970	0.920	9.98
78)	T	n-propylbenzene	3.909	4.278	4.897	5.070	4.974	4.933	4.677	10.06
79)	T	2-Chlorotoluene	2.492	2.659	3.025	3.085	3.028	3.008	2.883	8.51
80)	T	1,3,5-Trimethy...	2.931	3.253	3.700	3.716	3.626	3.573	3.466	8.99
81)	T	trans-1,4-Dich...		0.405	0.439	0.465	0.457	0.457	0.445	5.47
82)	T	4-Chlorotoluene	2.298	2.466	2.903	3.006	3.017	3.024	2.786	11.50
83)	T	tert-Butylbenzene	2.587	2.829	3.174	3.232	3.165	3.118	3.018	8.43
84)	T	1,2,4-Trimethy...	2.744	3.059	3.569	3.624	3.557	3.487	3.340	10.68
85)	T	sec-Butylbenzene	3.419	3.759	4.393	4.534	4.507	4.463	4.179	11.30
86)	T	p-Isopropyltol...	2.746	2.973	3.527	3.650	3.630	3.586	3.352	11.65
87)	T	1,3-Dichlorobe...	1.246	1.426	1.700	1.744	1.739	1.697	1.592	13.02
88)	T	1,4-Dichlorobe...	1.285	1.409	1.662	1.722	1.720	1.681	1.580	11.77
89)	T	n-Butylbenzene	2.107	2.358	2.835	3.077	3.191	3.176	2.791	16.41
90)	T	Hexachloroethane	0.603	0.646	0.731	0.754	0.753	0.739	0.704	9.09
91)	T	1,2-Dichlorobe...	1.258	1.367	1.658	1.706	1.675	1.615	1.546	12.08
92)	T	1,2-Dibromo-3-...	0.171	0.214	0.247	0.257	0.252	0.251	0.232	14.47
93)	T	1,2,4-Trichlor...	0.340	0.529	0.706	0.806	0.863	0.875	0.686	31.00
94)	T	Hexachlorobuta...	0.346	0.432	0.471	0.482	0.470	0.441	0.440	11.38
95)	T	Naphthalene	0.806	1.107	1.820	2.173	2.366	2.489	1.793	38.67
96)	T	1,2,3-Trichlor...	0.321	0.473	0.688	0.771	0.818	0.832	0.650	32.02

(#) = Out of Range