Response Factor Report MSVOA_N

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N090721W.M
Title : SW846 8260
Last Update : Wed Sep 08 20:01:41 2021
Response Via : Initial Calibration

Calibration Files
1 =VN068419.D 5 =VN068420.D 10 =VN068421.D 20 =VN068422.D 50 =VN068423.D 100 =VN068424.D

		Compound	1	5	10	20	50	100	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.411	0.424	0.435	0.391	0.395	0.393	0.408	4.46
3)	P	Chloromethane	0.526	0.427	0.413	0.378	0.366	0.347	0.409	15.72
4)	C	Vinyl Chloride	0.645	0.665	0.672	0.611	0.578	0.542	0.619	8.33#
5)	T	Bromomethane		0.726	0.684	0.577	0.521	0.502	0.602	16.45
6)	T	Chloroethane	0.546	0.501	0.464	0.442	0.417	0.364	0.456	14.02
7)	T	Trichlorofluor...	0.845	0.841	0.808	0.743	0.722	0.699	0.776	8.14
8)	T	Diethyl Ether	0.242	0.241	0.237	0.228	0.229	0.228	0.234	2.86
9)	T	1,1,2-Trichlor...	0.443	0.461	0.448	0.413	0.409	0.400	0.429	5.78
10)	T	Methyl Iodide		0.545	0.596	0.599	0.637	0.684	0.612	8.50
11)	T	Tert butyl alc...		0.109	0.071	0.066	0.064	0.062	0.074	26.46
12)	CM	1,1-Dichloroet...	0.378	0.416	0.416	0.377	0.386	0.385	0.393	4.61#
13)	T	Acrolein		0.039	0.035	0.030	0.032	0.033	0.034	9.75
14)	T	Allyl chloride	0.519	0.521	0.500	0.480	0.491	0.484	0.499	3.54
15)	T	Acrylonitrile	0.178	0.187	0.178	0.170	0.171	0.165	0.175	4.46
16)	T	Acetone	0.205	0.164	0.151	0.136	0.132	0.123	0.152	19.64
17)	T	Carbon Disulfide	1.214	1.063	1.044	0.991	1.011	1.006	1.055	7.82
18)	T	Methyl Acetate	0.705	0.503	0.471	0.429	0.406	0.390	0.484	23.96
19)	T	Methyl tert-bu...	1.326	1.354	1.324	1.280	1.322	1.292	1.316	2.02
20)	T	Methylene Chlo...	0.819	0.538	0.479	0.443	0.435	0.420	0.522	28.97
21)	T	trans-1,2-Dich...	0.478	0.459	0.443	0.430	0.439	0.442	0.448	3.80
22)	T	Diisopropyl ether	1.018	1.129	1.128	1.088	1.105	1.014	1.080	4.82
23)	T	Vinyl Acetate	0.761	0.831	0.826	0.798	0.837	0.791	0.807	3.63
24)	P	1,1-Dichloroet...	0.788	0.760	0.754	0.706	0.706	0.679	0.732	5.67
25)	T	2-Butanone	0.242	0.229	0.228	0.216	0.217	0.205	0.223	5.83
26)	T	2,2-Dichloropr...	0.789	0.694	0.674	0.631	0.644	0.624	0.676	9.08
27)	T	cis-1,2-Dichlo...	0.563	0.527	0.527	0.504	0.520	0.520	0.527	3.74
28)	T	Bromochloromet...	0.284	0.315	0.293	0.227	0.305	0.285	0.285	10.74
29)	T	Tetrahydrofuran	0.152	0.147	0.147	0.143	0.147	0.136	0.145	3.84
30)	C	Chloroform	0.916	0.920	0.891	0.820	0.852	0.796	0.866	5.94#
31)	T	Cyclohexane		0.815	0.734	0.658	0.660	0.608	0.695	11.61
32)	T	1,1,1-Trichlor...	0.797	0.830	0.819	0.785	0.813	0.777	0.803	2.58
33)	S	1,2-Dichloroet...		0.540	0.441	0.387	0.459	0.466	0.459	12.00
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.323	0.267	0.248	0.316	0.355	0.302	14.40
36)	T	1,1-Dichloropr...	0.435	0.397	0.400	0.402	0.432	0.435	0.417	4.56
37)	T	Ethyl Acetate	0.356	0.282	0.312	0.299	0.327	0.325	0.317	8.04
38)	T	Carbon Tetrach...	0.472	0.489	0.480	0.476	0.533	0.547	0.499	6.44
39)	T	Methylcyclohexane	0.478	0.516	0.509	0.510	0.565	0.586	0.527	7.60
40)	TM	Benzene	1.150	1.230	1.237	1.191	1.293	1.302	1.234	4.73
41)	T	Methacrylonitrile	0.162	0.154	0.158	0.150	0.160	0.153	0.156	3.00
42)	TM	1,2-Dichloroet...	0.434	0.445	0.423	0.412	0.430	0.420	0.428	2.72
43)	T	Isopropyl Acetate	0.564	0.565	0.548	0.537	0.573	0.570	0.559	2.50
44)	TM	Trichloroethene	0.364	0.388	0.377	0.373	0.407	0.434	0.391	6.64
45)	C	1,2-Dichloropr...	0.299	0.292	0.288	0.280	0.303	0.305	0.295	3.28#
46)	T	Dibromomethane	0.227	0.237	0.235	0.226	0.248	0.250	0.237	4.30
47)	T	Bromodichlorom...	0.426	0.449	0.436	0.429	0.475	0.484	0.450	5.48
48)	T	Methyl methacr...	0.234	0.216	0.211	0.217	0.259	0.265	0.234	10.01
49)	T	1,4-Dioxane	0.005	0.005	0.005	0.005	0.006	0.006	0.005	3.35
50)	S	Toluene-d8		1.157	0.938	0.891	1.190	1.301	1.095	15.94
51)	T	4-Methyl-2-Pen...	0.285	0.321	0.320	0.316	0.340	0.334	0.319	5.96
52)	CM	Toluene	0.736	0.794	0.795	0.793	0.895	0.899	0.819	7.88#
53)	T	t-1,3-Dichloro...	0.378	0.420	0.409	0.410	0.478	0.491	0.431	10.19
54)	T	cis-1,3-Dichlo...	0.409	0.455	0.465	0.459	0.515	0.532	0.472	9.49
55)	T	1,1,2-Trichlor...	0.277	0.333	0.319	0.317	0.353	0.350	0.325	8.55
56)	T	Ethyl methacry...	0.327	0.373	0.389	0.393	0.465	0.474	0.404	13.97

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57)	T	1,3-Dichloropr...	0.462	0.496	0.495	0.485	0.533	0.533	0.501	5.52
58)	T	2-Chloroethyl ...	0.014	0.027	0.023	0.025	0.040	0.051	0.030	44.17
59)	T	2-Hexanone	0.188	0.213	0.209	0.212	0.233	0.228	0.214	7.34
60)	T	Dibromochlorom...	0.300	0.357	0.365	0.374	0.441	0.456	0.382	15.08
61)	T	1,2-Dibromoethane	0.296	0.339	0.334	0.332	0.382	0.384	0.344	9.70
62)	S	4-Bromofluorob...		0.358	0.294	0.279	0.388	0.433	0.351	18.36
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.426	0.422	0.438	0.423	0.473	0.477	0.443	5.71
65)	PM	Chlorobenzene	1.017	1.005	0.999	0.976	1.074	1.092	1.027	4.45
66)	T	1,1,1,2-Tetrac...	0.366	0.389	0.396	0.394	0.435	0.444	0.404	7.35
67)	C	Ethyl Benzene	1.550	1.620	1.654	1.644	1.797	1.823	1.681	6.33#
68)	T	m/p-Xylenes	0.590	0.641	0.659	0.673	0.744	0.755	0.677	9.31
69)	T	o-Xylene	0.589	0.608	0.642	0.656	0.720	0.743	0.660	9.22
70)	T	Styrene	0.781	0.903	0.972	1.007	1.141	1.194	1.000	15.20
71)	P	Bromoform	0.240	0.270	0.280	0.298	0.374	0.395	0.310	19.82
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.507	3.738	3.587	3.372	3.514	3.622	3.557	3.48
74)	T	N-amyl acetate	0.754	0.832	0.770	0.764	0.806	0.833	0.793	4.45
75)	P	1,1,2,2-Tetrac...	1.173	1.080	1.006	0.911	0.912	0.900	0.997	11.19
76)	T	1,2,3-Trichlor...	0.959	0.873	0.844	0.715	0.659	0.686	0.789	15.19
77)	T	Bromobenzene	1.054	1.017	0.922	0.892	0.981	1.037	0.984	6.63
78)	T	n-propylbenzene	3.734	3.827	3.744	3.569	3.771	3.888	3.756	2.87
79)	T	2-Chlorotoluene	2.433	2.445	2.361	2.189	2.203	2.262	2.315	4.89
80)	T	1,3,5-Trimethy...	2.720	2.979	2.925	2.817	2.910	2.985	2.889	3.56
81)	T	trans-1,4-Dich...		0.229	0.214	0.204	0.234	0.246	0.226	7.32
82)	T	4-Chlorotoluene	2.265	2.344	2.261	2.116	2.174	2.238	2.233	3.54
83)	T	tert-Butylbenzene	2.448	2.755	2.655	2.524	2.685	2.762	2.638	4.81
84)	T	1,2,4-Trimethy...	2.441	2.798	2.877	2.748	2.840	2.923	2.771	6.24
85)	T	sec-Butylbenzene	3.102	3.543	3.558	3.399	3.554	3.715	3.478	6.04
86)	T	p-Isopropyltol...	2.641	2.864	2.896	2.838	3.106	3.271	2.936	7.54
87)	T	1,3-Dichlorobe...	1.722	1.712	1.650	1.596	1.750	1.812	1.707	4.44
88)	T	1,4-Dichlorobe...	1.807	1.637	1.633	1.564	1.693	1.761	1.682	5.33
89)	T	n-Butylbenzene	2.119	2.054	2.045	2.005	2.210	2.399	2.139	6.83
90)	T	Hexachloroethane	0.470	0.524	0.524	0.483	0.528	0.563	0.515	6.54
91)	T	1,2-Dichlorobe...	1.739	1.607	1.602	1.558	1.664	1.709	1.647	4.23
92)	T	1,2-Dibromo-3-...	0.137	0.165	0.162	0.157	0.162	0.167	0.158	6.91
93)	T	1,2,4-Trichlor...	0.653	0.612	0.668	0.707	0.893	0.979	0.752	19.74
94)	T	Hexachlorobuta...	0.478	0.472	0.452	0.440	0.525	0.548	0.486	8.71
95)	T	Naphthalene	1.484	1.078	1.249	1.427	1.887	2.090	1.536	24.99
96)	T	1,2,3-Trichlor...	0.692	0.561	0.612	0.678	0.840	0.924	0.718	19.26

(#) = Out of Range