Response Factor Report MSVOA_N_NEW

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N040523W.M
Title : SW846 8260
Last Update : Thu Apr 06 08:27:03 2023
Response Via : Initial Calibration

Calibration Files
5 =VN077263.D 10 =VN077256.D 20 =VN077257.D 50 =VN077258.D 75.0=VN077259.D 1 =VN077254.D

		Compound	5	10	20	50	75.0	1	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.549	0.676	0.640	0.624	0.706	0.633	0.638	8.35
3)	P	Chloromethane	0.774	0.804	0.753	0.721	0.770	0.924	0.791	8.96
4)	C	Vinyl Chloride	1.102	1.090	1.080	1.053	1.121	0.986	1.072	4.47#
5)	T	Bromomethane	0.900	0.757	0.733	0.709	0.788		0.777	9.58
6)	T	Chloroethane	0.728	0.720	0.750	0.708	0.753	0.933	0.765	10.95
7)	T	Trichlorofluor...	0.909	0.979	0.928	0.906	0.980	0.876	0.930	4.52
8)	T	Diethyl Ether	0.377	0.392	0.371	0.381	0.415	0.401	0.390	4.24
9)	T	1,1,2-Trichlor...	0.553	0.577	0.550	0.533	0.585	0.616	0.569	5.26
10)	T	Methyl Iodide	0.574	0.689	0.701	0.718	0.778		0.692	10.76
11)	T	Tert butyl alc...	0.143	0.134	0.138	0.139	0.143		0.139	2.87
12)	CM	1,1-Dichloroet...	0.587	0.591	0.540	0.550	0.614	0.633	0.586	6.10#
13)	T	Acrolein	0.148	0.127	0.128	0.118	0.138		0.132	8.74
14)	T	Allyl chloride	0.858	0.819	0.808	0.816	0.875	1.131	0.885	13.98
15)	T	Acrylonitrile	0.291	0.297	0.307	0.314	0.336	0.305	0.308	5.08
16)	T	Acetone	0.228	0.259	0.242	0.242	0.244	0.297	0.252	9.55
17)	T	Carbon Disulfide	1.630	1.587	1.567	1.558	1.737	1.399	1.579	6.97
18)	T	Methyl Acetate	0.986	0.971	0.921	0.965	1.011	0.904	0.960	4.19
19)	T	Methyl tert-bu...	1.990	2.102	1.978	2.087	2.273	2.039	2.078	5.17
20)	T	Methylene Chlo...	0.734	0.683	0.654	0.659	0.708	0.832	0.712	9.30
21)	T	trans-1,2-Dich...	0.629	0.645	0.618	0.634	0.698	0.624	0.641	4.56
22)	T	Diisopropyl ether	1.658	1.790	1.750	1.794	1.960	1.689	1.774	5.99
23)	T	Vinyl Acetate	1.153	1.200	1.191	1.272	1.362	1.018	1.199	9.63
24)	P	1,1-Dichloroet...	1.134	1.144	1.106	1.145	1.230	1.113	1.145	3.89
25)	T	2-Butanone	0.396	0.400	0.400	0.402	0.424	0.431	0.409	3.60
26)	T	2,2-Dichloropr...	1.014	1.075	1.042	1.038	1.142	0.990	1.050	5.07
27)	T	cis-1,2-Dichlo...	0.732	0.775	0.762	0.764	0.837	0.829	0.783	5.29
28)	T	Bromochloromet...	0.486	0.452	0.430	0.394	0.488	0.513	0.461	9.52
29)	T	Tetrahydrofuran	0.266	0.257	0.255	0.267	0.281	0.251	0.263	4.14
30)	C	Chloroform	1.198	1.230	1.178	1.211	1.319	1.193	1.221	4.17#
31)	T	Cyclohexane	1.165	1.074	1.024	0.973	1.073		1.062	6.70
32)	T	1,1,1-Trichlor...	1.069	1.084	1.080	1.087	1.202	1.143	1.111	4.65
33)	S	1,2-Dichloroet...	0.732	0.666	0.613	0.656	0.750		0.683	8.31
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.347	0.312	0.283	0.305	0.354		0.320	9.23
36)	T	1,1-Dichloropr...	0.455	0.472	0.461	0.478	0.522	0.453	0.473	5.39
37)	T	Ethyl Acetate	0.397	0.422	0.423	0.429	0.475	0.396	0.424	6.78
38)	T	Carbon Tetrach...	0.456	0.498	0.482	0.484	0.542	0.448	0.485	6.91
39)	T	Methylcyclohexane	0.599	0.645	0.630	0.629	0.707	0.620	0.638	5.78
40)	TM	Benzene	1.398	1.478	1.463	1.486	1.620	1.415	1.477	5.32
41)	T	Methacrylonitrile	0.212	0.217	0.221	0.230	0.249	0.237	0.228	5.98
42)	TM	1,2-Dichloroet...	0.427	0.459	0.444	0.462	0.506	0.430	0.454	6.38
43)	T	Isopropyl Acetate	0.739	0.786	0.765	0.774	0.831	0.793	0.782	3.92
44)	TM	Trichloroethene	0.344	0.352	0.353	0.357	0.389	0.326	0.353	5.89
45)	C	1,2-Dichloropr...	0.351	0.365	0.353	0.354	0.392	0.290	0.351	9.50#
46)	T	Dibromomethane	0.264	0.258	0.256	0.263	0.287	0.257	0.264	4.45
47)	T	Bromodichlorom...	0.514	0.531	0.500	0.513	0.568	0.544	0.528	4.67
48)	T	Methyl methacr...	0.319	0.333	0.335	0.336	0.361	0.316	0.333	4.84
49)	T	1,4-Dioxane	0.008	0.008	0.008	0.008	0.009	0.008	0.008	4.48
50)	S	Toluene-d8	1.365	1.251	1.125	1.259	1.443		1.289	9.39
51)	T	4-Methyl-2-Pen...	0.432	0.449	0.457	0.472	0.501	0.400	0.452	7.64
52)	CM	Toluene	0.941	0.948	0.951	0.991	1.096	0.872	0.967	7.68#
53)	T	t-1,3-Dichloro...	0.550	0.564	0.570	0.603	0.664	0.491	0.573	10.03
54)	T	cis-1,3-Dichlo...	0.584	0.611	0.616	0.628	0.688	0.538	0.611	8.12
55)	T	1,1,2-Trichlor...	0.347	0.387	0.375	0.382	0.415	0.370	0.379	5.84
56)	T	Ethyl methacry...	0.551	0.580	0.596	0.614	0.675	0.528	0.591	8.73

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57)	T	1,3-Dichloropr...	0.598	0.617	0.621	0.639	0.684	0.601	0.627	5.07
58)	T	2-Chloroethyl ...	0.168	0.169	0.150	0.189	0.212	0.168	0.176	12.37
59)	T	2-Hexanone	0.321	0.331	0.338	0.349	0.369	0.312	0.337	6.07
60)	T	Dibromochlorom...	0.360	0.380	0.389	0.414	0.449	0.353	0.391	9.12
61)	T	1,2-Dibromoethane	0.357	0.367	0.373	0.393	0.426	0.356	0.379	7.07
62)	S	4-Bromofluorob...	0.454	0.389	0.370	0.429	0.502		0.429	12.21
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.293	0.319	0.315	0.308	0.335	0.283	0.309	6.03
65)	PM	Chlorobenzene	1.093	1.122	1.101	1.123	1.215	0.951	1.101	7.78
66)	T	1,1,1,2-Tetrac...	0.383	0.419	0.400	0.414	0.442	0.442	0.417	5.65
67)	C	Ethyl Benzene	1.894	2.063	2.022	2.076	2.271	1.862	2.031	7.25#
68)	T	m/p-Xylenes	0.760	0.784	0.796	0.826	0.893	0.730	0.798	7.11
69)	T	o-Xylene	0.729	0.792	0.804	0.821	0.884	0.695	0.787	8.55
70)	T	Styrene	1.162	1.258	1.273	1.349	1.473	1.089	1.267	10.72
71)	P	Bromoform	0.275	0.295	0.289	0.314	0.336	0.249	0.293	10.29
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	4.866	5.032	4.837	4.637	4.888	4.878	4.856	2.62
74)	T	N-amyl acetate	1.823	1.878	1.769	1.728	1.798	2.047	1.840	6.14
75)	P	1,1,2,2-Tetrac...	1.615	1.578	1.505	1.423	1.460	1.564	1.524	4.87
76)	T	1,2,3-Trichlor...	1.110	1.309	1.290	1.224	1.062	1.148	1.191	8.40
77)	T	Bromobenzene	1.037	1.028	0.979	0.938	0.995	0.948	0.987	4.11
78)	T	n-propylbenzene	5.187	5.417	5.319	5.279	5.595	5.399	5.366	2.61
79)	T	2-Chlorotoluene	3.312	3.334	3.176	3.086	3.252	3.226	3.231	2.83
80)	T	1,3,5-Trimethy...	3.811	4.018	3.901	3.933	4.122	3.489	3.879	5.64
81)	T	trans-1,4-Dich...	0.538	0.553	0.514	0.511	0.529		0.529	3.32
82)	T	4-Chlorotoluene	3.086	2.994	2.967	3.007	3.239	2.985	3.046	3.38
83)	T	tert-Butylbenzene	3.431	3.657	3.433	3.300	3.488	3.407	3.453	3.40
84)	T	1,2,4-Trimethy...	3.649	3.954	3.864	3.920	4.094	3.512	3.832	5.58
85)	T	sec-Butylbenzene	4.650	4.948	4.887	4.792	5.119	4.474	4.812	4.73
86)	T	p-Isopropyltol...	3.584	3.855	3.851	3.945	4.176	3.279	3.782	8.23
87)	T	1,3-Dichlorobe...	1.800	1.871	1.826	1.842	1.970	1.651	1.827	5.71
88)	T	1,4-Dichlorobe...	1.683	1.793	1.779	1.815	1.953	1.786	1.802	4.82
89)	T	n-Butylbenzene	2.879	2.958	3.121	3.336	3.651	2.891	3.139	9.70
90)	T	Hexachloroethane	0.807	0.835	0.854	0.790	0.849	0.826	0.827	2.98
91)	T	1,2-Dichlorobe...	1.797	1.815	1.823	1.824	1.957	1.750	1.828	3.78
92)	T	1,2-Dibromo-3-...	0.288	0.285	0.280	0.284	0.288	0.308	0.289	3.46
93)	T	1,2,4-Trichlor...	0.501	0.570	0.671	0.814	0.897	0.506	0.660	25.09
94)	T	Hexachlorobuta...	0.381	0.377	0.354	0.361	0.394	0.423	0.382	6.49
95)	T	Naphthalene	1.860	2.168	2.637	3.144	3.453	1.608	2.478	29.40
96)	T	1,2,3-Trichlor...	0.483	0.563	0.624	0.774	0.868	0.474	0.631	25.33

(#) = Out of Range