Response Factor Report MSVOA_N_NEW

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N103023W.M
Title : SW846 8260
Last Update : Tue Oct 31 07:23:24 2023
Response Via : Initial Calibration

Calibration Files
100 =VN079716.D 5 =VN079720.D 10 =VN079719.D 20 =VN079718.D 50 =VN079717.D

		Compound	100	5	10	20	50	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoro...	0.608	0.626	0.704	0.691	0.671	0.660	6.32
3)	P	Chloromethane	0.702	0.869	0.847	0.808	0.772	0.800	8.26
4)	C	Vinyl Chloride	0.792	0.902	0.908	0.863	0.842	0.861	5.53#
5)	T	Bromomethane	0.478	0.599	0.635	0.591	0.523	0.565	11.22
6)	T	Chloroethane	0.564	0.749	0.647	0.629	0.565	0.631	12.05
7)	T	Trichlorofluorom...	0.942	1.052	1.063	1.027	0.979	1.013	5.04
8)	T	Diethyl Ether	0.347	0.380	0.364	0.373	0.368	0.366	3.36
9)	T	1,1,2-Trichlorot...	0.534	0.628	0.613	0.593	0.565	0.587	6.43
10)	T	Methyl Iodide	0.649	0.510	0.563	0.590	0.639	0.590	9.65
11)	T	Tert butyl alcohol	0.090	0.127	0.106	0.105	0.104	0.106	12.61
12)	CM	1,1-Dichloroethene	0.518	0.584	0.562	0.545	0.538	0.549	4.49#
13)	T	Acrolein	0.105	0.122	0.105	0.101	0.103	0.107	7.65
14)	T	Allyl chloride	0.838	0.993	0.976	0.946	0.854	0.921	7.72
15)	T	Acrylonitrile	0.309	0.324	0.344	0.329	0.332	0.328	3.90
16)	T	Acetone	0.338	0.352	0.344	0.332	0.352	0.344	2.56
17)	T	Carbon Disulfide	1.545	1.815	1.774	1.651	1.602	1.678	6.81
18)	T	Methyl Acetate	1.255	1.424	1.452	1.409	1.389	1.386	5.54
19)	T	Methyl tert-buty...	1.781	1.839	1.885	1.880	1.908	1.859	2.70
20)	T	Methylene Chloride	0.614	0.765	0.715	0.661	0.645	0.680	8.81
21)	T	trans-1,2-Dichlo...	0.592	0.673	0.635	0.615	0.603	0.624	5.08
22)	T	Diisopropyl ether	1.994	2.022	2.150	2.093	2.097	2.071	3.03
23)	T	Vinyl Acetate	1.146	1.078	1.128	1.144	1.205	1.140	3.98
24)	P	1,1-Dichloroethane	1.147	1.328	1.303	1.219	1.209	1.241	5.97
25)	T	2-Butanone	0.460	0.477	0.467	0.471	0.484	0.472	1.97
26)	T	2,2-Dichloropropane	0.952	1.056	1.022	0.997	0.993	1.004	3.82
27)	T	cis-1,2-Dichloro...	0.695	0.735	0.729	0.707	0.724	0.718	2.31
28)	T	Bromochloromethane	0.612	0.620	0.601	0.593	0.609	0.607	1.73
29)	T	Tetrahydrofuran	0.279	0.266	0.298	0.299	0.300	0.288	5.22
30)	C	Chloroform	1.167	1.293	1.317	1.257	1.215	1.250	4.82#
31)	T	Cyclohexane	0.985	1.254	1.176	1.041	1.021	1.095	10.44
32)	T	1,1,1-Trichloroe...	1.014	1.132	1.139	1.076	1.057	1.083	4.85
33)	S	1,2-Dichloroetha...	0.815	0.830	0.810	0.766	0.795	0.803	3.04
34)	I	1,4-Difluorobenzene	----------ISTD----------						
35)	S	Dibromofluoromet...	0.367	0.351	0.363	0.347	0.358	0.357	2.29
36)	T	1,1-Dichloropropene	0.518	0.519	0.556	0.521	0.536	0.530	3.04
37)	T	Ethyl Acetate	0.496	0.566	0.526	0.522	0.518	0.525	4.81
38)	T	Carbon Tetrachlo...	0.504	0.550	0.534	0.526	0.530	0.529	3.10
39)	T	Methylcyclohexane	0.544	0.514	0.529	0.510	0.539	0.527	2.87
40)	TM	Benzene	1.511	1.578	1.606	1.545	1.581	1.564	2.37
41)	T	Methacrylonitrile	0.264	0.261	0.272	0.277	0.295	0.274	4.97
42)	TM	1,2-Dichloroethane	0.528	0.588	0.600	0.561	0.563	0.568	4.90
43)	T	Isopropyl Acetate	0.816	0.827	0.855	0.836	0.865	0.840	2.40
44)	TM	Trichloroethene	0.358	0.402	0.396	0.368	0.371	0.379	4.98
45)	C	1,2-Dichloropropane	0.396	0.425	0.423	0.409	0.424	0.415	3.09#
46)	T	Dibromomethane	0.260	0.289	0.300	0.278	0.275	0.280	5.38
47)	T	Bromodichloromet...	0.541	0.566	0.578	0.558	0.567	0.562	2.42
48)	T	Methyl methacrylate	0.389	0.372	0.380	0.389	0.416	0.389	4.24
49)	T	1,4-Dioxane	0.007	0.006	0.007	0.007	0.007	0.007	5.62
50)	S	Toluene-d8	1.419	1.316	1.302	1.276	1.347	1.332	4.14
51)	T	4-Methyl-2-Penta...	0.514	0.500	0.532	0.524	0.543	0.523	3.19
52)	CM	Toluene	0.939	0.954	0.943	0.969	0.970	0.955	1.51#
53)	T	t-1,3-Dichloropr...	0.592	0.528	0.551	0.563	0.605	0.568	5.49
54)	T	cis-1,3-Dichloro...	0.632	0.582	0.632	0.616	0.643	0.621	3.84
55)	T	1,1,2-Trichloroe...	0.358	0.386	0.400	0.365	0.379	0.378	4.48
56)	T	Ethyl methacrylate	0.568	0.473	0.513	0.528	0.585	0.533	8.32

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57)	T	1,3-Dichloropropane	0.645	0.652	0.673	0.657	0.678	0.661	2.13
58)	T	2-Chloroethyl Vi...	0.252	0.155	0.176	0.190	0.210	0.197	18.88
59)	T	2-Hexanone	0.389	0.364	0.377	0.383	0.409	0.384	4.30
60)	T	Dibromochloromet...	0.385	0.372	0.405	0.386	0.406	0.391	3.73
61)	T	1,2-Dibromoethane	0.363	0.384	0.386	0.360	0.388	0.376	3.53
62)	S	4-Bromofluoroben...	0.494	0.372	0.375	0.399	0.458	0.419	12.89
63)	I	Chlorobenzene-d5	----------ISTD----------						
64)	T	Tetrachloroethene	0.320	0.369	0.394	0.352	0.337	0.355	8.02
65)	PM	Chlorobenzene	1.046	1.176	1.126	1.088	1.098	1.107	4.34
66)	T	1,1,1,2-Tetrachl...	0.393	0.406	0.439	0.408	0.410	0.411	4.13
67)	C	Ethyl Benzene	1.974	1.882	1.947	1.925	2.021	1.950	2.67#
68)	T	m/p-Xylenes	0.743	0.650	0.726	0.732	0.754	0.721	5.67
69)	T	o-Xylene	0.720	0.634	0.698	0.694	0.722	0.693	5.16
70)	T	Styrene	1.215	0.950	1.059	1.112	1.218	1.111	10.13
71)	P	Bromoform	0.293	0.290	0.293	0.295	0.302	0.295	1.47
72)	I	1,4-Dichlorobenzen...	----------ISTD----------						
73)	T	Isopropylbenzene	4.000	4.818	4.913	4.576	4.338	4.529	8.18
74)	T	N-amyl acetate	1.638	1.875	1.904	1.763	1.826	1.801	5.86
75)	P	1,1,2,2-Tetrachl...	1.253	2.000	1.811	1.533	1.419	1.603	18.77
76)	T	1,2,3-Trichlorop...	1.135	1.494	1.602	1.273	1.284	1.358	13.78
77)	T	Bromobenzene	0.913	1.188	1.151	1.080	0.995	1.065	10.58
78)	T	n-propylbenzene	4.799	5.347	5.534	5.248	5.157	5.217	5.22
79)	T	2-Chlorotoluene	2.819	3.555	3.548	3.258	3.081	3.252	9.68
80)	T	1,3,5-Trimethylb...	3.300	3.831	3.998	3.721	3.609	3.692	7.10
81)	T	trans-1,4-Dichlo...	0.407	0.487	0.469	0.437	0.451	0.450	6.75
82)	T	4-Chlorotoluene	2.811	3.263	3.355	3.133	3.056	3.124	6.70
83)	T	tert-Butylbenzene	2.703	3.241	3.279	2.979	2.925	3.026	7.87
84)	T	1,2,4-Trimethylb...	3.297	3.488	3.807	3.615	3.602	3.562	5.25
85)	T	sec-Butylbenzene	3.885	4.339	4.504	4.187	4.187	4.220	5.42
86)	T	p-Isopropyltoluene	3.203	3.320	3.464	3.377	3.443	3.361	3.13
87)	T	1,3-Dichlorobenzene	1.643	1.914	1.861	1.814	1.778	1.802	5.69
88)	T	1,4-Dichlorobenzene	1.602	1.964	1.855	1.795	1.759	1.795	7.41
89)	T	n-Butylbenzene	2.718	2.590	2.559	2.622	2.863	2.670	4.62
90)	T	Hexachloroethane	0.616	0.810	0.776	0.686	0.664	0.710	11.33
91)	T	1,2-Dichlorobenzene	1.558	1.804	1.894	1.777	1.730	1.752	7.09
92)	T	1,2-Dibromo-3-Ch...	0.214	0.254	0.269	0.257	0.242	0.247	8.36
93)	T	1,2,4-Trichlorob...	0.598	0.378	0.466	0.533	0.637	0.522	19.87
94)	T	Hexachlorobutadiene	0.370	0.556	0.510	0.451	0.430	0.463	15.52
95)	T	Naphthalene	1.692	1.256	1.364	1.480	1.791	1.516	14.69
96)	T	1,2,3-Trichlorob...	0.603	0.483	0.559	0.611	0.661	0.583	11.47

(#) = Out of Range