Response Factor Report VOA_T

Method Path : Z:\voasrv\HPCHEM1\MSVOA_T\methods\
Method File : 82T102925W.M
Title : SW846 8260
Last Update : Fri Oct 31 04:36:59 2025
Response Via : Initial Calibration

Calibration Files
100 =VT019198.D 5 =VT019193.D 10 =VT019194.D 20 =VT019195.D 50 =VT019196.D 75 =VT019197.D

		Compound	100	5	10	20	50	75	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.333	0.301	0.276	0.251	0.283	0.323	0.294	10.45
3)	P	Chloromethane	0.426	0.488	0.497	0.465	0.419	0.428	0.454	7.52
4)	C	Vinyl Chloride	0.574	0.595	0.596	0.572	0.580	0.566	0.580	2.12#
5)	T	Bromomethane	0.112	0.416	0.440	0.471	0.315	0.121	0.313	51.43
6)	T	Chloroethane	0.566	0.624	0.481	0.498	0.507	0.484	0.527	10.80
7)	T	Trichlorofluor...	1.137	1.264	1.023	0.994	1.057	0.974	1.075	10.12
8)	T	Diethyl Ether	0.528	0.558	0.508	0.487	0.511	0.501	0.515	4.83
9)	T	1,1,2-Trichlor...	0.492	0.634	0.527	0.489	0.495	0.492	0.521	10.92
10)	T	Methyl Iodide	0.493	0.356	0.378	0.400	0.445	0.460	0.422	12.39
11)	T	Tert butyl alc...	0.111	0.203	0.185	0.182	0.163	0.181	0.171	18.74
12)	CM	1,1-Dichloroet...	0.460	0.555	0.495	0.446	0.457	0.478	0.482	8.30#
13)	T	Acrolein	0.028	0.038	0.026	0.028	0.027	0.028	0.029	15.09
14)	T	Allyl chloride	0.961	1.001	0.986	0.931	0.899	0.923	0.950	4.12
15)	T	Acrylonitrile	0.428	0.433	0.422	0.400	0.393	0.424	0.417	3.87
16)	T	Acetone	0.479	0.862	0.535	0.486	0.465	0.463	0.548	28.45
17)	T	Carbon Disulfide	0.638	0.749	0.676	0.635	0.618	0.612	0.655	7.83
18)	T	Methyl Acetate	1.502	0.988	1.544	1.539	1.404	1.515	1.415	15.22
19)	T	Methyl tert-bu...	2.212	2.290	2.216	2.049	2.115	2.174	2.176	3.89
20)	T	Methylene Chlo...	0.519	0.613	0.564	0.530	0.494	0.506	0.538	8.16
21)	T	trans-1,2-Dich...	0.421	0.423	0.414	0.398	0.399	0.407	0.410	2.65
22)	T	Diisopropyl ether	2.278	2.375	2.296	2.149	2.183	2.253	2.256	3.60
23)	T	Vinyl Acetate	1.662	1.777	1.560	1.495	1.558	1.618	1.612	6.13
24)	P	1,1-Dichloroet...	1.067	1.104	1.079	1.025	1.014	1.041	1.055	3.25
25)	T	2-Butanone	0.596	0.760	0.610	0.570	0.559	0.595	0.615	11.95
26)	T	2,2-Dichloropr...	0.948	0.944	0.910	0.863	0.889	0.909	0.911	3.54
27)	T	cis-1,2-Dichlo...	0.594	0.568	0.588	0.559	0.567	0.578	0.576	2.30
28)	T	Bromochloromet...	0.577	0.448	0.627	0.573	0.564	0.595	0.564	10.85
29)	T	Tetrahydrofuran	0.365	0.364	0.356	0.350	0.343	0.369	0.358	2.77
30)	C	Chloroform	0.977	1.049	0.995	0.960	0.965	0.982	0.988	3.26#
31)	T	Cyclohexane	0.695	1.029	0.851	0.742	0.706	0.686	0.785	17.06
32)	T	1,1,1-Trichlor...	0.805	0.776	0.804	0.767	0.763	0.803	0.786	2.49
33)	S	1,2-Dichloroet...	0.769	0.875	0.794	0.836	0.762	0.790	0.804	5.36
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.326	0.292	0.313	0.327	0.307	0.332	0.316	4.73
36)	T	1,1-Dichloropr...	0.363	0.368	0.366	0.336	0.349	0.352	0.356	3.47
37)	T	Ethyl Acetate	0.640	0.589	0.587	0.589	0.579	0.650	0.606	5.13
38)	T	Carbon Tetrach...	0.349	0.301	0.312	0.309	0.322	0.347	0.323	6.24
39)	T	Methylcyclohexane	0.400	0.420	0.391	0.373	0.388	0.386	0.393	4.04
40)	TM	Benzene	1.220	1.243	1.226	1.151	1.175	1.210	1.204	2.87
41)	T	Methacrylonitrile	0.326	0.335	0.315	0.281	0.264	0.308	0.305	8.93
42)	TM	1,2-Dichloroet...	0.423	0.430	0.430	0.415	0.419	0.421	0.423	1.45
43)	T	Isopropyl Acetate	0.969	0.985	0.982	0.939	0.928	0.974	0.963	2.43
44)	TM	Trichloroethene	0.239	0.234	0.243	0.229	0.232	0.235	0.235	1.97
45)	C	1,2-Dichloropr...	0.308	0.317	0.311	0.295	0.299	0.307	0.306	2.59#
46)	T	Dibromomethane	0.194	0.188	0.174	0.175	0.184	0.191	0.184	4.52
47)	T	Bromodichlorom...	0.428	0.404	0.426	0.400	0.413	0.423	0.416	2.83
48)	T	Methyl methacr...	0.459	0.409	0.432	0.422	0.424	0.448	0.432	4.19
49)	T	1,4-Dioxane	0.008	0.008	0.009	0.008	0.007	0.008	0.008	5.70
50)	S	Toluene-d8	1.292	1.284	1.273	1.311	1.242	1.303	1.284	1.92
51)	T	4-Methyl-2-Pen...	0.618	0.563	0.568	0.551	0.562	0.618	0.580	5.17
52)	CM	Toluene	0.714	0.703	0.684	0.659	0.672	0.696	0.688	2.94#
53)	T	t-1,3-Dichloro...	0.472	0.438	0.448	0.431	0.447	0.463	0.450	3.33
54)	T	cis-1,3-Dichlo...	0.482	0.450	0.469	0.451	0.467	0.476	0.466	2.81
55)	T	1,1,2-Trichlor...	0.276	0.266	0.273	0.270	0.268	0.275	0.271	1.41
56)	T	Ethyl methacry...	0.551	0.506	0.522	0.499	0.509	0.541	0.521	3.97

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57)	T	1,3-Dichloropr...	0.479	0.504	0.493	0.461	0.472	0.481	0.482	3.16
58)	T	2-Chloroethyl ...	0.148	0.167	0.127	0.124	0.133	0.143	0.140	11.41
59)	T	2-Hexanone	0.455	0.478	0.431	0.411	0.412	0.448	0.439	5.95
60)	T	Dibromochlorom...	0.288	0.266	0.263	0.263	0.273	0.287	0.274	4.21
61)	T	1,2-Dibromoethane	0.253	0.259	0.258	0.247	0.245	0.254	0.253	2.24
62)	S	4-Bromofluorob...	0.384	0.447	0.400	0.412	0.380	0.400	0.404	5.98
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.225	0.241	0.229	0.221	0.228	0.220	0.227	3.39
65)	PM	Chlorobenzene	0.903	0.932	0.907	0.876	0.885	0.882	0.897	2.32
66)	T	1,1,1,2-Tetrac...	0.332	0.305	0.297	0.290	0.305	0.314	0.307	4.78
67)	C	Ethyl Benzene	1.769	1.722	1.680	1.588	1.643	1.665	1.678	3.73#
68)	T	m/p-Xylenes	0.660	0.635	0.604	0.590	0.609	0.621	0.620	3.99
69)	T	o-Xylene	0.659	0.611	0.611	0.581	0.604	0.630	0.616	4.31
70)	T	Styrene	1.177	1.131	1.065	1.049	1.101	1.134	1.109	4.26
71)	P	Bromoform	0.255	0.217	0.216	0.220	0.245	0.257	0.235	8.31
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.503	3.628	3.538	3.334	3.356	3.293	3.442	3.87
74)	T	N-amyl acetate	1.778	1.798	1.725	1.672	1.706	1.737	1.736	2.67
75)	P	1,1,2,2-Tetrac...	1.146	1.263	1.203	1.187	1.131	1.147	1.179	4.17
76)	T	1,2,3-Trichlor...	0.978	1.025	1.096	1.065	1.047	0.962	1.029	5.00
77)	T	Bromobenzene	0.730	0.754	0.781	0.710	0.707	0.700	0.730	4.32
78)	T	n-propylbenzene	4.117	4.293	4.227	3.963	4.014	3.923	4.089	3.64
79)	T	2-Chlorotoluene	2.319	2.542	2.423	2.254	2.279	2.241	2.343	5.01
80)	T	1,3,5-Trimethy...	2.794	2.882	2.834	2.688	2.692	2.698	2.765	3.03
81)	T	trans-1,4-Dich...	0.469	0.407	0.424	0.421	0.452	0.457	0.439	5.55
82)	T	4-Chlorotoluene	2.394	2.490	2.483	2.294	2.333	2.311	2.384	3.62
83)	T	tert-Butylbenzene	2.530	2.701	2.652	2.514	2.495	2.462	2.559	3.71
84)	T	1,2,4-Trimethy...	2.883	2.902	2.850	2.741	2.732	2.740	2.808	2.81
85)	T	sec-Butylbenzene	3.782	3.868	3.880	3.647	3.700	3.644	3.753	2.82
86)	T	p-Isopropyltol...	3.280	3.208	3.177	3.034	3.038	3.066	3.134	3.28
87)	T	1,3-Dichlorobe...	1.549	1.553	1.511	1.472	1.443	1.461	1.498	3.10
88)	T	1,4-Dichlorobe...	1.492	1.640	1.550	1.480	1.450	1.444	1.509	4.94
89)	T	n-Butylbenzene	3.003	2.786	2.902	2.823	2.936	2.919	2.895	2.72
90)	T	Hexachloroethane	0.515	0.469	0.472	0.458	0.484	0.503	0.483	4.56
91)	T	1,2-Dichlorobe...	1.439	1.573	1.496	1.460	1.426	1.415	1.468	4.02
92)	T	1,2-Dibromo-3-...	0.258	0.249	0.264	0.249	0.249	0.257	0.254	2.44
93)	T	1,2,4-Trichlor...	0.974	0.943	0.955	0.919	0.935	0.939	0.944	1.98
94)	T	Hexachlorobuta...	0.393	0.429	0.402	0.369	0.376	0.367	0.389	6.09
95)	T	Naphthalene	3.411	3.364	3.319	3.209	3.213	3.319	3.306	2.44
96)	T	1,2,3-Trichlor...	0.968	0.940	0.954	0.899	0.913	0.915	0.931	2.86

(#) = Out of Range