Response Factor Report VOC_U

Method Path : Z:\voasrv\HPCHEM1\MSVOA_U\Method\
Method File : 82U092421W.M
Title : SW846 8260
Last Update : Tue Sep 28 11:39:06 2021
Response Via : Initial Calibration

Calibration Files
1 =VU044820.D 5 =VU044821.D 20 =VU044822.D 50 =VU044823.D 100 =VU044824.D 150 =VU044825.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.586	0.542	0.630	0.614	0.625	0.597	0.599	5.46
3)	P	Chloromethane	1.150	0.892	0.899	0.860	0.855	0.797	0.909	13.63
4)	C	Vinyl Chloride	0.853	0.849	0.902	0.840	0.846	0.799	0.848	3.88#
5)	T	Bromomethane		0.543	0.512	0.413	0.402	0.382	0.450	16.00
6)	T	Chloroethane	0.999	0.581	0.590	0.556	0.570		0.659	28.89
7)	T	Trichlorofluor...	1.071	1.076	1.088	1.036	1.027	0.952	1.042	4.80
8)	T	Diethyl Ether	0.445	0.496	0.489	0.482	0.489	0.460	0.477	4.12
9)	T	1,1,2-Trichlor...	0.603	0.621	0.635	0.611	0.608	0.572	0.608	3.45
10)	T	Methyl Iodide		0.564	0.657	0.703	0.721	0.659	0.661	9.20
11)	T	Tert butyl alc...		0.296	0.240	0.244	0.256	0.237	0.255	9.62
12)	CM	1,1-Dichloroet...	0.631	0.587	0.602	0.598	0.615	0.579	0.602	3.16#
13)	T	Acrolein		0.094	0.058	0.069	0.071	0.068	0.072	18.79
14)	T	Allyl chloride	1.210	1.144	1.173	1.180	1.205	1.098	1.169	3.57
15)	T	Acrylonitrile	0.515	0.538	0.535	0.543	0.550	0.511	0.532	2.97
16)	T	Acetone	0.586	0.504	0.481	0.475	0.474	0.434	0.492	10.40
17)	T	Carbon Disulfide	1.793	1.658	1.690	1.670	1.724	1.626	1.694	3.46
18)	T	Methyl Acetate	1.717	1.706	1.669	1.628	1.634	1.513	1.644	4.50
19)	T	Methyl tert-bu...	2.130	2.126	2.278	2.317	2.387	2.250	2.248	4.61
20)	T	Methylene Chlo...	1.015	0.804	0.770	0.750	0.747	0.696	0.797	14.12
21)	T	trans-1,2-Dich...	0.625	0.641	0.664	0.653	0.662	0.624	0.645	2.73
22)	T	Diisopropyl ether	2.042	2.231	2.397	2.387	2.462	2.334	2.309	6.57
23)	T	Vinyl Acetate	1.617	1.742	1.927	1.992	2.097	1.985	1.893	9.45
24)	P	1,1-Dichloroet...	1.278	1.353	1.391	1.357	1.376	1.286	1.340	3.53
25)	T	2-Butanone	0.725	0.719	0.763	0.767	0.790	0.718	0.747	4.07
26)	T	2,2-Dichloropr...	1.073	0.966	1.004	1.003	1.026	0.958	1.005	4.18
27)	T	cis-1,2-Dichlo...	0.844	0.756	0.782	0.778	0.798	0.746	0.784	4.43
28)	T	Bromochloromet...	0.689	0.660	0.616	0.639	0.621	0.596	0.637	5.21
29)	T	Tetrahydrofuran	0.434	0.456	0.480	0.489	0.501	0.459	0.470	5.25
30)	C	Chloroform	1.390	1.400	1.379	1.324	1.344	1.248	1.347	4.20#
31)	T	Cyclohexane		1.394	1.261	1.212	1.231	1.167	1.253	6.85
32)	T	1,1,1-Trichlor...	1.085	1.080	1.092	1.090	1.130	1.055	1.089	2.22
33)	S	1,2-Dichloroet...		0.888	0.907	0.862	0.868	0.837	0.873	3.03
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.345	0.354	0.339	0.345	0.332	0.343	2.31
36)	T	1,1-Dichloropr...	0.513	0.517	0.542	0.540	0.551	0.521	0.531	2.94
37)	T	Ethyl Acetate	0.824	0.744	0.776	0.781	0.798	0.748	0.778	3.90
38)	T	Carbon Tetrach...	0.421	0.471	0.485	0.493	0.505	0.470	0.474	6.21
39)	T	Methylcyclohexane	0.514	0.563	0.599	0.634	0.661	0.629	0.600	9.01
40)	TM	Benzene	1.650	1.617	1.626	1.627	1.650	1.534	1.617	2.65
41)	T	Methacrylonitrile	0.338	0.367	0.403	0.411	0.422	0.389	0.389	8.01
42)	TM	1,2-Dichloroet...	0.649	0.657	0.651	0.632	0.637	0.592	0.636	3.70
43)	T	Isopropyl Acetate	1.006	1.067	1.086	1.105	1.163	1.107	1.089	4.75
44)	TM	Trichloroethene	0.458	0.372	0.379	0.378	0.386	0.359	0.389	9.00
45)	C	1,2-Dichloropr...	0.418	0.423	0.455	0.457	0.454	0.420	0.438	4.38#
46)	T	Dibromomethane	0.272	0.298	0.298	0.295	0.299	0.279	0.290	4.07
47)	T	Bromodichlorom...	0.572	0.546	0.569	0.584	0.598	0.562	0.572	3.11
48)	T	Methyl methacr...	0.450	0.476	0.505	0.540	0.571	0.542	0.514	8.85
49)	T	1,4-Dioxane	0.011	0.012	0.014	0.014	0.015	0.013	0.013	11.89
50)	S	Toluene-d8		1.218	1.329	1.299	1.338	1.293	1.295	3.64
51)	T	4-Methyl-2-Pen...	0.675	0.731	0.778	0.802	0.856	0.816	0.776	8.33
52)	CM	Toluene	0.871	0.952	1.002	0.997	1.020	0.959	0.967	5.58#
53)	T	t-1,3-Dichloro...	0.494	0.539	0.588	0.628	0.675	0.652	0.596	11.61
54)	T	cis-1,3-Dichlo...	0.563	0.598	0.642	0.675	0.716	0.679	0.646	8.76
55)	T	1,1,2-Trichlor...	0.394	0.426	0.419	0.416	0.425	0.401	0.413	3.20
56)	T	Ethyl methacry...	0.493	0.557	0.646	0.693	0.773	0.752	0.652	16.87

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57)	T	1,3-Dichloropr...	0.707	0.728	0.751	0.744	0.766	0.721	0.736	2.94
58)	T	2-Chloroethyl ...	0.102	0.117	0.120	0.152	0.188	0.192	0.145	26.26
59)	T	2-Hexanone	0.520	0.576	0.624	0.642	0.711	0.666	0.623	10.86
60)	T	Dibromochlorom...	0.355	0.370	0.392	0.407	0.435	0.417	0.396	7.54
61)	T	1,2-Dibromoethane	0.403	0.434	0.430	0.439	0.464	0.435	0.434	4.43
62)	S	4-Bromofluorob...		0.423	0.470	0.470	0.519	0.524	0.481	8.64
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.318	0.349	0.358	0.352	0.338	0.319	0.339	5.10
65)	PM	Chlorobenzene	1.009	1.014	1.050	1.051	1.076	1.028	1.038	2.47
66)	T	1,1,1,2-Tetrac...	0.357	0.365	0.369	0.377	0.382	0.370	0.370	2.38
67)	C	Ethyl Benzene	1.561	1.749	1.876	1.963	2.029	1.939	1.853	9.26#
68)	T	m/p-Xylenes	0.591	0.651	0.733	0.762	0.778	0.737	0.709	10.21
69)	T	o-Xylene	0.555	0.629	0.699	0.736	0.762	0.731	0.685	11.45
70)	T	Styrene	0.831	1.012	1.191	1.257	1.323	1.289	1.150	16.64
71)	P	Bromoform	0.255	0.275	0.297	0.311	0.347	0.353	0.306	12.62
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.225	3.450	3.701	3.773	3.687	3.457	3.549	5.85
74)	T	N-amyl acetate	1.476	1.608	1.756	1.927	2.080	2.006	1.809	13.10
75)	P	1,1,2,2-Tetrac...	1.778	1.656	1.556	1.562	1.621	1.528	1.617	5.69
76)	T	1,2,3-Trichlor...	1.568	1.519	1.481	1.482	1.591	1.442	1.514	3.75
77)	T	Bromobenzene	0.829	0.829	0.877	0.868	0.862	0.822	0.848	2.82
78)	T	n-propylbenzene	3.747	4.097	4.421	4.618	4.590	4.326	4.300	7.70
79)	T	2-Chlorotoluene	2.427	2.630	2.704	2.737	2.689	2.537	2.621	4.51
80)	T	1,3,5-Trimethy...	2.528	2.821	3.160	3.281	3.219	3.026	3.006	9.50
81)	T	trans-1,4-Dich...		0.393	0.432	0.479	0.521	0.512	0.467	11.60
82)	T	4-Chlorotoluene	2.565	2.906	3.117	3.162	3.142	3.009	2.984	7.60
83)	T	tert-Butylbenzene	2.516	2.787	2.947	3.068	3.123	2.958	2.900	7.61
84)	T	1,2,4-Trimethy...	2.354	2.754	3.122	3.265	3.234	3.052	2.964	11.81
85)	T	sec-Butylbenzene	2.921	3.532	3.941	4.107	4.099	3.899	3.750	12.18
86)	T	p-Isopropyltol...	2.247	2.813	3.233	3.377	3.404	3.230	3.051	14.66
87)	T	1,3-Dichlorobe...	1.604	1.643	1.660	1.660	1.694	1.611	1.645	2.06
88)	T	1,4-Dichlorobe...	1.748	1.704	1.690	1.691	1.729	1.647	1.701	2.04
89)	T	n-Butylbenzene	2.100	2.402	2.804	3.102	3.246	3.177	2.805	16.58
90)	T	Hexachloroethane	0.518	0.529	0.535	0.555	0.584	0.578	0.550	4.90
91)	T	1,2-Dichlorobe...	1.887	1.682	1.714	1.717	1.790	1.671	1.744	4.69
92)	T	1,2-Dibromo-3-...	0.380	0.358	0.379	0.408	0.432	0.395	0.392	6.63
93)	T	1,2,4-Trichlor...	0.811	0.830	0.939	1.040	1.116	1.045	0.963	12.90
94)	T	Hexachlorobuta...	0.387	0.413	0.424	0.443	0.466	0.439	0.429	6.40
95)	T	Naphthalene	2.733	2.406	3.230	3.908	4.092	3.788	3.360	20.35
96)	T	1,2,3-Trichlor...	0.850	0.812	0.993	1.082	1.112	1.030	0.980	12.55

(#) = Out of Range