Response Factor Report VOC_U

Method Path : Z:\voasrv\HPCHEM1\MSVOA_U\Method\
Method File : 82U050621W.M
Title : SW846 8260
Last Update : Thu May 06 07:26:23 2021
Response Via : Initial Calibration

Calibration Files
1 =VU043564.D 5 =VU043565.D 20 =VU043566.D 50 =VU043567.D 100 =VU043568.D 150 =VU043569.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------	ISTD	----------					
2)	T	Dichlorodifluo...	0.451	0.642	0.665	0.677	0.709	0.707	0.642	15.08
3)	P	Chloromethane	1.253	0.973	0.834	0.835	0.860	0.870	0.937	17.37
4)	C	Vinyl Chloride	0.810	0.834	0.726	0.770	0.806	0.817	0.794	4.93#
5)	T	Bromomethane		0.523	0.438	0.441	0.403	0.429	0.447	10.05
6)	T	Chloroethane	0.655	0.509	0.440	0.485	0.488	0.478	0.509	14.77
7)	T	Trichlorofluor...	1.011	1.156	1.014	1.085	1.104	1.080	1.075	5.13
8)	T	Diethyl Ether	0.346	0.425	0.364	0.396	0.406	0.402	0.390	7.49
9)	T	1,1,2-Trichlor...	0.544	0.638	0.569	0.597	0.618	0.608	0.596	5.76
10)	T	Methyl Iodide		0.640	0.645	0.757	0.821	0.791	0.731	11.47
11)	T	Tert butyl alc...		0.322	0.226	0.243	0.273	0.294	0.272	14.17
12)	CM	1,1-Dichloroet...	0.455	0.652	0.542	0.599	0.611	0.614	0.579	12.14#
13)	T	Acrolein		0.182	0.102	0.113	0.121	0.122	0.128	24.41
14)	T	Allyl chloride	1.311	1.466	1.338	1.475	1.575	1.536	1.450	7.27
15)	T	Acrylonitrile	0.407	0.505	0.458	0.505	0.537	0.545	0.493	10.56
16)	T	Acetone	0.549	0.604	0.515	0.539	0.585	0.579	0.562	5.89
17)	T	Carbon Disulfide	1.782	1.920	1.699	1.813	1.885	1.914	1.836	4.73
18)	T	Methyl Acetate	1.024	1.390	1.205	1.303	1.399	1.386	1.284	11.51
19)	T	Methyl tert-bu...	1.656	1.937	1.850	2.109	2.202	2.190	1.991	10.85
20)	T	Methylene Chlo...	0.990	0.805	0.703	0.739	0.761	0.746	0.791	13.06
21)	T	trans-1,2-Dich...	0.491	0.662	0.589	0.667	0.691	0.676	0.629	12.17
22)	T	Diisopropyl ether	1.915	2.503	2.340	2.672	2.774	2.722	2.488	12.98
23)	T	Vinyl Acetate	1.905	2.439	2.358	2.742	2.948	2.932	2.554	15.72
24)	P	1,1-Dichloroet...	1.372	1.485	1.340	1.454	1.497	1.481	1.438	4.59
25)	T	2-Butanone	0.723	0.865	0.784	0.880	0.968	0.976	0.866	11.53
26)	T	2,2-Dichloropr...	0.760	1.130	0.902	0.990	1.025	1.008	0.969	12.96
27)	T	cis-1,2-Dichlo...	0.545	0.766	0.701	0.769	0.792	0.784	0.726	13.02
28)	T	Bromochloromet...	0.701	0.732	0.676	0.707	0.752	0.762	0.722	4.53
29)	T	Tetrahydrofuran	0.377	0.483	0.458	0.512	0.564	0.558	0.492	14.16
30)	C	Chloroform	1.336	1.439	1.294	1.417	1.457	1.398	1.390	4.53#
31)	T	Cyclohexane		1.400	1.072	1.151	1.211	1.207	1.208	10.01
32)	T	1,1,1-Trichlor...	1.106	1.219	1.122	1.208	1.241	1.214	1.185	4.77
33)	S	1,2-Dichloroet...		1.111	0.928	0.950	1.021	1.050	1.012	7.38
34)	I	1,4-Difluorobenzene	----------	ISTD	----------					
35)	S	Dibromofluorom...		0.432	0.373	0.374	0.407	0.407	0.399	6.30
36)	T	1,1-Dichloropr...	0.453	0.577	0.533	0.597	0.637	0.608	0.568	11.65
37)	T	Ethyl Acetate	0.845	0.979	0.875	0.978	1.059	1.033	0.961	8.85
38)	T	Carbon Tetrach...	0.531	0.568	0.534	0.589	0.630	0.601	0.575	6.74
39)	T	Methylcyclohexane	0.442	0.545	0.490	0.564	0.630	0.619	0.548	13.35
40)	TM	Benzene	1.483	1.795	1.593	1.757	1.819	1.763	1.702	7.84
41)	T	Methacrylonitrile	0.336	0.485	0.460	0.532	0.582	0.568	0.494	18.29
42)	TM	1,2-Dichloroet...	0.636	0.837	0.704	0.767	0.788	0.751	0.747	9.35
43)	T	Isopropyl Acetate	1.164	1.385	1.294	1.453	1.588	1.576	1.410	11.69
44)	TM	Trichloroethene	0.316	0.414	0.375	0.419	0.446	0.428	0.400	11.79
45)	C	1,2-Dichloropr...	0.474	0.526	0.457	0.505	0.533	0.513	0.501	5.98#
46)	T	Dibromomethane	0.244	0.330	0.300	0.337	0.351	0.333	0.316	12.31
47)	T	Bromodichlorom...	0.500	0.686	0.607	0.670	0.699	0.677	0.640	11.83
48)	T	Methyl methacr...	0.587	0.673	0.631	0.732	0.802	0.826	0.708	13.37
49)	T	1,4-Dioxane	0.007	0.010	0.011	0.012	0.014	0.014	0.011	22.47
50)	S	Toluene-d8		1.440	1.282	1.349	1.493	1.504	1.414	6.79
51)	T	4-Methyl-2-Pen...	0.725	0.950	0.891	1.031	1.165	1.250	1.002	18.98
52)	CM	Toluene	0.767	0.990	0.935	1.049	1.100	1.060	0.984	12.27#
53)	T	t-1,3-Dichloro...	0.496	0.644	0.619	0.700	0.748	0.766	0.662	15.02
54)	T	cis-1,3-Dichlo...	0.556	0.690	0.642	0.732	0.793	0.785	0.700	12.96
55)	T	1,1,2-Trichlor...	0.362	0.447	0.397	0.440	0.460	0.467	0.429	9.57
56)	T	Ethyl methacry...	0.405	0.609	0.599	0.720	0.822	0.881	0.673	25.65

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57)	T	1,3-Dichloropr...	0.649	0.759	0.703	0.785	0.841	0.839	0.763	9.99
58)	T	2-Chloroethyl ...	0.130	0.183	0.171	0.223	0.256	0.273	0.206	26.46
59)	T	2-Hexanone	0.545	0.739	0.699	0.828	0.962	1.021	0.799	22.03
60)	T	Dibromochlorom...	0.363	0.452	0.421	0.470	0.508	0.522	0.456	12.82
61)	T	1,2-Dibromoethane	0.375	0.465	0.435	0.484	0.513	0.507	0.463	11.22
62)	S	4-Bromofluorob...		0.499	0.445	0.497	0.575	0.674	0.538	16.54
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.314	0.401	0.382	0.409	0.420	0.391	0.386	9.81
65)	PM	Chlorobenzene	0.949	1.161	1.023	1.139	1.181	1.166	1.103	8.59
66)	T	1,1,1,2-Tetrac...	0.370	0.427	0.394	0.440	0.458	0.457	0.424	8.36
67)	C	Ethyl Benzene	1.446	1.935	1.850	2.167	2.293	2.235	1.988	15.94#
68)	T	m/p-Xylenes	0.540	0.690	0.687	0.805	0.837	0.812	0.728	15.44
69)	T	o-Xylene	0.491	0.678	0.663	0.767	0.807	0.811	0.703	17.29
70)	T	Styrene	0.719	1.063	1.122	1.343	1.416	1.464	1.188	23.59
71)	P	Bromoform	0.266	0.381	0.357	0.397	0.444	0.474	0.387	18.87
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	2.984	3.526	3.405	3.904	3.931	3.755	3.584	10.04
74)	T	N-amyl acetate	1.915	2.125	2.030	2.519	2.814	2.749	2.359	16.36
75)	P	1,1,2,2-Tetrac...	1.671	1.851	1.479	1.700	1.759	1.684	1.691	7.27
76)	T	1,2,3-Trichlor...	1.485	1.706	1.424	1.567	1.714	1.643	1.590	7.48
77)	T	Bromobenzene	0.771	0.980	0.879	0.970	0.975	0.960	0.923	9.00
78)	T	n-propylbenzene	3.299	4.222	4.185	4.867	4.922	4.797	4.382	14.20
79)	T	2-Chlorotoluene	2.339	2.770	2.547	2.908	2.887	2.848	2.716	8.35
80)	T	1,3,5-Trimethy...	2.078	2.860	2.981	3.450	3.476	3.378	3.037	17.63
81)	T	trans-1,4-Dich...		0.480	0.399	0.475	0.547	0.540	0.488	12.19
82)	T	4-Chlorotoluene	2.246	3.087	3.017	3.405	3.461	3.408	3.104	14.79
83)	T	tert-Butylbenzene	2.340	2.967	2.782	3.213	3.299	3.278	2.980	12.51
84)	T	1,2,4-Trimethy...	2.034	2.888	2.959	3.448	3.512	3.450	3.049	18.55
85)	T	sec-Butylbenzene	2.571	3.453	3.482	4.086	4.147	4.136	3.646	16.93
86)	T	p-Isopropyltol...	2.010	2.842	2.965	3.494	3.599	3.556	3.078	19.94
87)	T	1,3-Dichlorobe...	1.610	1.822	1.617	1.797	1.830	1.796	1.745	5.90
88)	T	1,4-Dichlorobe...	1.795	1.909	1.650	1.855	1.850	1.800	1.810	4.90
89)	T	n-Butylbenzene	2.135	2.651	2.666	3.315	3.568	3.571	2.984	19.70
90)	T	Hexachloroethane	0.476	0.500	0.451	0.504	0.537	0.541	0.501	6.94
91)	T	1,2-Dichlorobe...	1.731	1.846	1.651	1.871	1.913	1.800	1.802	5.38
92)	T	1,2-Dibromo-3-...	0.327	0.417	0.377	0.438	0.488	0.454	0.417	13.76
93)	T	1,2,4-Trichlor...	1.202	1.008	1.024	1.249	1.320	1.226	1.171	10.81
94)	T	Hexachlorobuta...	0.440	0.600	0.510	0.600	0.616	0.580	0.558	12.28
95)	T	Naphthalene	3.188	2.864	3.205	4.219	4.630	4.206	3.719	19.37
96)	T	1,2,3-Trichlor...	1.010	1.102	1.068	1.261	1.348	1.222	1.168	11.06

(#) = Out of Range