Response Factor Report VOC_U

Method Path : Z:\voasrv\HPCHEM1\MSVOA_U\Method\
Method File : 82U102821W.M
Title : SW846 8260
Last Update : Fri Oct 29 11:09:42 2021
Response Via : Initial Calibration

Calibration Files
1 =VU045446.D 5 =VU045447.D 20 =VU045448.D 50 =VU045449.D 100 =VU045450.D 150 =VU045451.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.524	0.493	0.765	0.728	0.744	0.732	0.664	18.32
3)	P	Chloromethane	1.138	0.868	1.038	0.979	0.990	0.957	0.995	9.00
4)	C	Vinyl Chloride	0.766	0.678	0.907	0.861	0.884	0.859	0.826	10.53#
5)	T	Bromomethane		0.490	0.569	0.502	0.499	0.446	0.501	8.82
6)	T	Chloroethane	0.533	0.413	0.568	0.496	0.478		0.498	11.74
7)	T	Trichlorofluor...	0.828	0.793	1.011	0.971	0.984	0.962	0.925	9.83
8)	T	Diethyl Ether	0.357	0.386	0.470	0.448	0.462	0.450	0.429	10.74
9)	T	1,1,2-Trichlor...	0.494	0.478	0.605	0.584	0.591	0.582	0.556	9.80
10)	T	Methyl Iodide		0.192	0.352	0.444	0.578	0.636	0.441	40.41
11)	T	Tert butyl alc...		0.151	0.195	0.187	0.181	0.166	0.176	9.99
12)	CM	1,1-Dichloroet...	0.558	0.463	0.610	0.589	0.605	0.603	0.571	9.87#
13)	T	Acrolein		0.040	0.038	0.038	0.039	0.041	0.039	3.04
14)	T	Allyl chloride	0.959	0.884	1.127	1.100	1.137	1.088	1.049	9.85
15)	T	Acrylonitrile	0.387	0.362	0.464	0.441	0.458	0.444	0.426	9.73
16)	T	Acetone	0.393	0.317	0.395	0.372	0.382	0.357	0.370	7.86
17)	T	Carbon Disulfide	1.644	1.362	1.735	1.700	1.763	1.770	1.662	9.29
18)	T	Methyl Acetate	1.325	1.173	1.469	1.408	1.464	1.419	1.376	8.15
19)	T	Methyl tert-bu...	1.956	1.740	2.264	2.190	2.249	2.211	2.102	9.98
20)	T	Methylene Chlo...	0.877	0.636	0.750	0.711	0.728	0.717	0.736	10.69
21)	T	trans-1,2-Dich...	0.594	0.526	0.651	0.631	0.652	0.640	0.616	7.91
22)	T	Diisopropyl ether	1.782	1.708	2.250	2.197	2.219	2.152	2.051	11.73
23)	T	Vinyl Acetate	1.369	1.284	1.728	1.698	1.754	1.713	1.591	13.03
24)	P	1,1-Dichloroet...	1.099	1.039	1.307	1.248	1.273	1.246	1.202	8.90
25)	T	2-Butanone	0.492	0.476	0.613	0.589	0.604	0.574	0.558	10.61
26)	T	2,2-Dichloropr...	0.896	0.793	0.990	0.960	0.985	0.963	0.931	8.13
27)	T	cis-1,2-Dichlo...	0.610	0.611	0.769	0.745	0.764	0.751	0.708	10.78
28)	T	Bromochloromet...	0.630	0.590	0.657	0.591	0.559	0.531	0.593	7.73
29)	T	Tetrahydrofuran	0.338	0.308	0.390	0.377	0.387	0.370	0.362	8.88
30)	C	Chloroform	1.102	1.014	1.256	1.209	1.222	1.189	1.165	7.75#
31)	T	Cyclohexane		1.197	1.280	1.195	1.208	1.180	1.212	3.26
32)	T	1,1,1-Trichlor...	0.871	0.790	1.042	1.000	1.027	1.008	0.957	10.64
33)	S	1,2-Dichloroet...		0.811	0.863	0.804	0.809	0.783	0.814	3.63
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.303	0.335	0.319	0.317	0.315	0.318	3.57
36)	T	1,1-Dichloropr...	0.429	0.407	0.514	0.505	0.503	0.499	0.476	9.64
37)	T	Ethyl Acetate	0.563	0.483	0.613	0.607	0.602	0.591	0.576	8.49
38)	T	Carbon Tetrach...	0.377	0.352	0.450	0.437	0.438	0.437	0.415	9.73
39)	T	Methylcyclohexane	0.533	0.482	0.628	0.632	0.637	0.640	0.592	11.43
40)	TM	Benzene	1.337	1.231	1.552	1.506	1.495	1.476	1.433	8.56
41)	T	Methacrylonitrile	0.251	0.257	0.334	0.331	0.330	0.328	0.305	12.99
42)	TM	1,2-Dichloroet...	0.498	0.466	0.572	0.551	0.539	0.532	0.526	7.27
43)	T	Isopropyl Acetate	0.739	0.728	0.944	0.929	0.938	0.936	0.869	12.10
44)	TM	Trichloroethene	0.304	0.281	0.360	0.350	0.348	0.349	0.332	9.63
45)	C	1,2-Dichloropr...	0.348	0.323	0.406	0.398	0.393	0.394	0.377	8.87#
46)	T	Dibromomethane	0.208	0.207	0.270	0.265	0.261	0.262	0.246	12.15
47)	T	Bromodichlorom...	0.407	0.409	0.520	0.524	0.518	0.522	0.483	12.08
48)	T	Methyl methacr...	0.358	0.330	0.435	0.442	0.452	0.454	0.412	13.01
49)	T	1,4-Dioxane	0.012	0.009	0.011	0.011	0.010	0.010	0.010	9.47
50)	S	Toluene-d8		1.149	1.306	1.278	1.255	1.246	1.247	4.77
51)	T	4-Methyl-2-Pen...	0.466	0.467	0.609	0.606	0.612	0.609	0.561	13.13
52)	CM	Toluene	0.740	0.756	0.952	0.932	0.923	0.921	0.871	11.01#
53)	T	t-1,3-Dichloro...	0.477	0.426	0.587	0.590	0.607	0.618	0.551	14.37
54)	T	cis-1,3-Dichlo...	0.480	0.490	0.632	0.639	0.648	0.651	0.590	13.87
55)	T	1,1,2-Trichlor...	0.337	0.302	0.385	0.370	0.371	0.370	0.356	8.66
56)	T	Ethyl methacry...	0.392	0.434	0.612	0.634	0.660	0.669	0.567	21.43

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57)	T	1,3-Dichloropr...	0.567	0.548	0.687	0.665	0.661	0.661	0.631	9.21
58)	T	2-Chloroethyl ...	0.284	0.302	0.337	0.342	0.346	0.346	0.326	8.10
59)	T	2-Hexanone	0.353	0.357	0.472	0.468	0.483	0.477	0.435	14.30
60)	T	Dibromochlorom...	0.298	0.277	0.367	0.363	0.370	0.373	0.341	12.35
61)	T	1,2-Dibromoethane	0.339	0.310	0.396	0.393	0.398	0.400	0.373	10.38
62)	S	4-Bromofluorob...		0.445	0.482	0.477	0.481	0.491	0.475	3.65
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.274	0.244	0.313	0.297	0.294	0.293	0.286	8.41
65)	PM	Chlorobenzene	0.921	0.803	1.023	0.982	0.980	0.978	0.948	8.23
66)	T	1,1,1,2-Tetrac...	0.278	0.273	0.343	0.337	0.342	0.345	0.320	10.82
67)	C	Ethyl Benzene	1.555	1.440	1.873	1.849	1.848	1.854	1.737	10.89#
68)	T	m/p-Xylenes	0.551	0.542	0.723	0.708	0.706	0.703	0.656	12.92
69)	T	o-Xylene	0.533	0.533	0.697	0.691	0.691	0.690	0.639	12.87
70)	T	Styrene	0.864	0.841	1.168	1.169	1.189	1.201	1.072	15.92
71)	P	Bromoform	0.212	0.200	0.271	0.276	0.291	0.301	0.259	16.21
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.032	2.830	3.703	3.626	3.562	3.476	3.371	10.53
74)	T	N-amyl acetate	1.118	1.216	1.666	1.717	1.794	1.769	1.547	19.33
75)	P	1,1,2,2-Tetrac...	1.247	1.173	1.442	1.393	1.402	1.372	1.338	7.82
76)	T	1,2,3-Trichlor...	1.236	1.129	1.463	1.415	1.409	1.342	1.332	9.53
77)	T	Bromobenzene	0.710	0.667	0.855	0.835	0.831	0.821	0.787	9.88
78)	T	n-propylbenzene	3.349	3.450	4.513	4.462	4.426	4.325	4.087	13.14
79)	T	2-Chlorotoluene	2.168	2.139	2.696	2.633	2.593	2.532	2.460	9.90
80)	T	1,3,5-Trimethy...	2.316	2.344	3.160	3.123	3.074	3.005	2.837	13.97
81)	T	trans-1,4-Dich...		0.306	0.440	0.464	0.491	0.497	0.439	17.72
82)	T	4-Chlorotoluene	2.287	2.395	3.082	3.032	3.024	2.967	2.798	12.77
83)	T	tert-Butylbenzene	2.299	2.279	3.012	2.945	2.964	2.932	2.738	12.76
84)	T	1,2,4-Trimethy...	2.369	2.290	3.154	3.117	3.088	3.037	2.843	14.07
85)	T	sec-Butylbenzene	2.918	2.999	3.980	3.926	3.893	3.845	3.594	13.76
86)	T	p-Isopropyltol...	2.210	2.382	3.238	3.226	3.221	3.172	2.908	16.43
87)	T	1,3-Dichlorobe...	1.517	1.350	1.649	1.596	1.604	1.601	1.553	6.96
88)	T	1,4-Dichlorobe...	1.657	1.344	1.670	1.613	1.634	1.610	1.588	7.69
89)	T	n-Butylbenzene	2.127	2.192	3.008	3.114	3.155	3.152	2.791	17.66
90)	T	Hexachloroethane	0.429	0.411	0.544	0.552	0.569	0.573	0.513	14.24
91)	T	1,2-Dichlorobe...	1.500	1.345	1.646	1.602	1.628	1.597	1.553	7.32
92)	T	1,2-Dibromo-3-...	0.291	0.262	0.337	0.343	0.355	0.340	0.321	11.29
93)	T	1,2,4-Trichlor...	1.032	0.812	1.063	1.095	1.127	1.111	1.040	11.24
94)	T	Hexachlorobuta...	0.308	0.317	0.408	0.408	0.414	0.416	0.379	13.59
95)	T	Naphthalene	3.058	2.950	4.104	4.170	4.232	4.060	3.763	15.72
96)	T	1,2,3-Trichlor...	0.989	0.840	1.123	1.117	1.131	1.090	1.048	10.94

(#) = Out of Range