Response Factor Report VOC_U

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
Method File : 82U021721W.M
Title : SW846 8260
Last Update : Fri Feb 19 02:55:52 2021
Response Via : Initial Calibration

Calibration Files
1 =VU042321.D 5 =VU042322.D 20 =VU042323.D 50 =VU042324.D 100 =VU042325.D 150 =VU042326.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.518	0.533	0.632	0.636	0.632	0.666	0.603	10.19
3)	P	Chloromethane	0.669	0.618	0.607	0.608	0.578	0.616	0.616	4.80
4)	C	Vinyl Chloride	0.542	0.599	0.605	0.603	0.582	0.606	0.590	4.26#
5)	T	Bromomethane		0.401	0.366	0.349	0.343	0.357	0.363	6.28
6)	T	Chloroethane	0.353	0.368	0.369	0.342	0.320	0.285	0.340	9.57
7)	T	Trichlorofluor...	0.869	0.980	0.936	0.923	0.885	0.834	0.904	5.76
8)	T	Diethyl Ether	0.263	0.316	0.288	0.288	0.276	0.294	0.288	6.21
9)	T	1,1,2-Trichlor...	0.461	0.475	0.472	0.476	0.466	0.483	0.472	1.62
10)	T	Methyl Iodide		0.621	0.649	0.711	0.671	0.719	0.674	6.14
11)	T	Tert butyl alc...		0.171	0.148	0.162	0.190	0.139	0.162	12.27
12)	CM	1,1-Dichloroet...	0.457	0.474	0.446	0.466	0.451	0.471	0.461	2.40#
13)	T	Acrolein		0.127	0.086	0.092	0.092	0.099	0.099	16.34
14)	T	Allyl chloride	0.879	1.083	1.007	1.054	1.025	1.078	1.021	7.43
15)	T	Acrylonitrile	0.348	0.408	0.385	0.392	0.394	0.420	0.391	6.34
16)	T	Acetone	0.525	0.484	0.500	0.443	0.441	0.430	0.470	8.11
17)	T	Carbon Disulfide	1.346	1.409	1.368	1.383	1.356	1.457	1.386	2.97
18)	T	Methyl Acetate	0.727	0.925	0.864	0.853	0.854	0.902	0.854	8.06
19)	T	Methyl tert-bu...	1.598	1.839	1.744	1.760	1.721	1.810	1.745	4.82
20)	T	Methylene Chlo...	0.539	0.580	0.538	0.535	0.514	0.548	0.542	4.03
21)	T	trans-1,2-Dich...	0.403	0.525	0.514	0.508	0.497	0.518	0.494	9.22
22)	T	Diisopropyl ether	1.718	2.052	1.951	1.982	1.928	2.004	1.939	6.02
23)	T	Vinyl Acetate	1.547	1.886	1.840	1.921	1.880	1.978	1.842	8.23
24)	P	1,1-Dichloroet...	0.943	1.036	1.005	1.025	0.989	1.039	1.006	3.62
25)	T	2-Butanone	0.571	0.655	0.644	0.629	0.628	0.626	0.625	4.63
26)	T	2,2-Dichloropr...	0.797	0.973	0.934	0.932	0.905	0.937	0.913	6.68
27)	T	cis-1,2-Dichlo...	0.495	0.587	0.582	0.600	0.569	0.601	0.572	6.92
28)	T	Bromochloromet...	0.525	0.543	0.517	0.547	0.486	0.501	0.520	4.54
29)	T	Tetrahydrofuran	0.344	0.416	0.387	0.390	0.390	0.406	0.389	6.28
30)	C	Chloroform	0.934	1.078	1.043	1.049	1.000	1.034	1.023	4.92#
31)	T	Cyclohexane		1.174	0.984	0.954	0.914	0.939	0.993	10.51
32)	T	1,1,1-Trichlor...	0.906	0.947	0.929	0.957	0.907	0.942	0.931	2.30
33)	S	1,2-Dichloroet...		0.798	0.731	0.788	0.727	0.748	0.758	4.36
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.373	0.329	0.359	0.350	0.354	0.353	4.54
36)	T	1,1-Dichloropr...	0.481	0.474	0.506	0.494	0.502	0.509	0.494	2.84
37)	T	Ethyl Acetate	0.703	0.796	0.735	0.744	0.788	0.846	0.769	6.66
38)	T	Carbon Tetrach...	0.486	0.519	0.542	0.538	0.536	0.549	0.528	4.35
39)	T	Methylcyclohexane	0.507	0.575	0.607	0.566	0.582	0.595	0.572	6.14
40)	TM	Benzene	1.276	1.439	1.432	1.389	1.385	1.417	1.390	4.30
41)	T	Methacrylonitrile	0.364	0.402	0.399	0.395	0.403	0.413	0.396	4.24
42)	TM	1,2-Dichloroet...	0.568	0.649	0.615	0.602	0.595	0.606	0.606	4.38
43)	T	Isopropyl Acetate	1.016	1.199	1.131	1.108	1.129	1.194	1.130	5.92
44)	TM	Trichloroethene	0.334	0.385	0.376	0.371	0.372	0.383	0.370	4.97
45)	C	1,2-Dichloropr...	0.365	0.383	0.399	0.384	0.385	0.397	0.386	3.17#
46)	T	Dibromomethane	0.234	0.279	0.275	0.275	0.272	0.279	0.269	6.50
47)	T	Bromodichlorom...	0.436	0.535	0.542	0.541	0.547	0.563	0.527	8.65
48)	T	Methyl methacr...	0.447	0.579	0.571	0.563	0.577	0.614	0.559	10.27
49)	T	1,4-Dioxane	0.008	0.011	0.012	0.011	0.011	0.011	0.011	11.64
50)	S	Toluene-d8		1.259	1.205	1.270	1.287	1.300	1.264	2.89
51)	T	4-Methyl-2-Pen...	0.669	0.784	0.760	0.762	0.796	0.815	0.764	6.68
52)	CM	Toluene	0.740	0.850	0.898	0.870	0.877	0.909	0.857	7.14#
53)	T	t-1,3-Dichloro...	0.439	0.545	0.597	0.597	0.625	0.674	0.579	13.87
54)	T	cis-1,3-Dichlo...	0.524	0.606	0.625	0.627	0.644	0.669	0.616	8.07
55)	T	1,1,2-Trichlor...	0.293	0.361	0.376	0.358	0.361	0.387	0.356	9.14
56)	T	Ethyl methacry...	0.505	0.595	0.611	0.612	0.644	0.694	0.610	10.23

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57)	T	1,3-Dichloropr...	0.522	0.648	0.635	0.630	0.630	0.669	0.622	8.28
58)	T	2-Chloroethyl ...	0.136	0.176	0.195	0.221	0.239	0.266	0.205	22.67
59)	T	2-Hexanone	0.520	0.619	0.629	0.622	0.643	0.630	0.611	7.38
60)	T	Dibromochlorom...	0.324	0.390	0.423	0.428	0.444	0.482	0.415	13.00
61)	T	1,2-Dibromoethane	0.346	0.402	0.410	0.408	0.419	0.445	0.405	8.08
62)	S	4-Bromofluorob...		0.463	0.459	0.494	0.524	0.551	0.498	7.89
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.391	0.398	0.393	0.370	0.356	0.353	0.377	5.23
65)	PM	Chlorobenzene	0.924	1.042	1.020	1.005	0.987	1.027	1.001	4.21
66)	T	1,1,1,2-Tetrac...	0.298	0.399	0.395	0.399	0.391	0.410	0.382	10.86
67)	C	Ethyl Benzene	1.564	1.848	1.879	1.838	1.818	1.868	1.803	6.60#
68)	T	m/p-Xylenes	0.588	0.671	0.688	0.682	0.677	0.694	0.667	5.92
69)	T	o-Xylene	0.602	0.656	0.666	0.659	0.656	0.675	0.652	3.93
70)	T	Styrene	0.846	1.104	1.111	1.111	1.150	1.197	1.087	11.32
71)	P	Bromoform	0.276	0.342	0.365	0.392	0.412	0.422	0.368	14.67
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.260	3.569	3.394	3.279	3.127	3.385	3.336	4.50
74)	T	N-amyl acetate	1.623	2.033	1.911	1.975	1.906	1.979	1.905	7.66
75)	P	1,1,2,2-Tetrac...	1.142	1.426	1.268	1.285	1.228	1.259	1.268	7.29
76)	T	1,2,3-Trichlor...	1.073	1.410	1.259	1.217	1.192	1.267	1.236	8.91
77)	T	Bromobenzene	0.872	0.974	0.881	0.872	0.839	0.917	0.892	5.26
78)	T	n-propylbenzene	3.468	4.018	3.968	3.867	3.768	4.074	3.860	5.73
79)	T	2-Chlorotoluene	2.371	2.529	2.349	2.321	2.212	2.384	2.361	4.35
80)	T	1,3,5-Trimethy...	2.704	2.975	2.925	2.853	2.775	2.958	2.865	3.77
81)	T	trans-1,4-Dich...		0.434	0.424	0.456	0.466	0.493	0.455	5.99
82)	T	4-Chlorotoluene	2.612	2.811	2.815	2.718	2.682	2.849	2.748	3.35
83)	T	tert-Butylbenzene	2.433	2.949	2.835	2.795	2.711	2.912	2.773	6.73
84)	T	1,2,4-Trimethy...	2.543	3.027	2.941	2.871	2.814	3.006	2.867	6.21
85)	T	sec-Butylbenzene	2.997	3.325	3.379	3.283	3.198	3.417	3.266	4.67
86)	T	p-Isopropyltol...	2.687	3.015	3.092	3.045	3.042	3.212	3.015	5.81
87)	T	1,3-Dichlorobe...	1.372	1.610	1.575	1.545	1.542	1.605	1.542	5.70
88)	T	1,4-Dichlorobe...	1.543	1.624	1.587	1.556	1.555	1.600	1.578	1.99
89)	T	n-Butylbenzene	2.078	2.558	2.767	2.719	2.821	2.951	2.649	11.62
90)	T	Hexachloroethane	0.430	0.511	0.538	0.556	0.562	0.611	0.535	11.38
91)	T	1,2-Dichlorobe...	1.487	1.702	1.574	1.585	1.519	1.550	1.570	4.74
92)	T	1,2-Dibromo-3-...	0.291	0.364	0.361	0.360	0.351	0.360	0.348	8.08
93)	T	1,2,4-Trichlor...	0.660	0.861	1.042	1.073	1.081	1.141	0.976	18.62
94)	T	Hexachlorobuta...	0.437	0.568	0.589	0.561	0.558	0.573	0.548	10.11
95)	T	Naphthalene	1.399	2.332	2.958	3.313	3.324	3.506	2.805	28.71
96)	T	1,2,3-Trichlor...	0.615	0.882	1.023	1.041	1.059	1.116	0.956	19.25

(#) = Out of Range