Response Factor Report VOC_U

Method Path : Z:\voasrv\HPCHEM1\MSVOA_U\Method\
Method File : SFAMUTR072321WMA.M
Title : TRACE VOA SFAM1.0
Last Update : Sat Jul 24 00:42:51 2021
Response Via : Initial Calibration

Calibration Files
0.5 =VU044393.D 1 =VU044394.D 5 =VU044395.D 10 =VU044396.D 20 =VU044397.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoro...	0.386	0.411	0.495	0.482	0.464	0.448	10.54
3)	T	Chloromethane	0.434	0.459	0.521	0.509	0.489	0.483	7.41
4)	S	Vinyl Chloride-d3	0.376	0.406	0.439	0.441	0.426	0.418	6.45
5)	T	Vinyl chloride	0.440	0.464	0.552	0.550	0.523	0.506	10.06
6)	T	Bromomethane	0.256	0.260	0.311	0.303	0.294	0.285	8.88
7)	S	Chloroethane-d5	0.317	0.359	0.374	0.378	0.366	0.359	6.74
8)	T	Chloroethane	0.260	0.269	0.315	0.316	0.300	0.292	8.94
9)	T	Trichlorofluorom...	0.491	0.521	0.602	0.593	0.575	0.556	8.67
10)	T	1,1,2-Trichloro-...	0.288	0.303	0.370	0.366	0.353	0.336	11.30
11)	S	1,1-Dichloroethe...	0.147	0.179	0.183	0.189	0.181	0.176	9.44
12)	T	1,1-Dichloroethene	0.284	0.295	0.361	0.357	0.345	0.329	11.03
13)	T	Acetone	0.048	0.056	0.063	0.065	0.063	0.059	11.80
14)	T	Carbon disulfide	0.925	0.959	1.162	1.170	1.146	1.073	11.18
15)	T	Methyl Acetate	0.113	0.100	0.167	0.170	0.123	0.135	23.65
16)	T	Methylene chloride	0.525	0.456	0.421	0.406	0.383	0.438	12.64
17)	T	Methyl tert-buty...	0.769	0.800	0.990	0.987	0.955	0.900	11.89
18)	T	trans-1,2-Dichlo...	0.307	0.314	0.383	0.382	0.370	0.351	10.71
19)	T	1,1-Dichloroethane	0.546	0.576	0.693	0.688	0.663	0.633	10.73
20)	S	2-Butanone-d5	0.102	0.119	0.129	0.136	0.133	0.124	11.25
21)	T	2-Butanone	0.093	0.105	0.118	0.117	0.114	0.109	9.74
22)	T	cis-1,2-Dichloro...	0.326	0.353	0.420	0.417	0.403	0.384	10.91
23)	T	Bromochloromethane	0.135	0.150	0.184	0.186	0.176	0.166	13.41
24)	S	Chloroform-d	0.606	0.724	0.770	0.779	0.757	0.727	9.75
25)	T	Chloroform	0.613	0.602	0.699	0.690	0.656	0.652	6.75
26)	S	1,2-Dichloroetha...	0.374	0.419	0.418	0.420	0.399	0.406	4.90
27)	T	1,2-Dichloroethane	0.372	0.397	0.468	0.456	0.438	0.426	9.49
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroe...	0.457	0.495	0.593	0.590	0.580	0.543	11.55
30)	T	Cyclohexane	0.530	0.557	0.707	0.703	0.676	0.635	13.26
31)	T	Carbon tetrachlo...	0.393	0.406	0.499	0.492	0.480	0.454	11.16
32)	S	Benzene-d6	1.343	1.561	1.645	1.656	1.629	1.567	8.33
33)	T	Benzene	1.305	1.417	1.666	1.636	1.583	1.522	10.15
34)	T	Trichloroethene	0.333	0.348	0.414	0.407	0.401	0.380	9.78
35)	T	Methylcyclohexane	0.566	0.591	0.724	0.728	0.710	0.664	11.86
36)	S	1,2-Dichloroprop...	0.414	0.482	0.512	0.518	0.508	0.487	8.78
37)	T	1,2-Dichloropropane	0.338	0.358	0.424	0.415	0.404	0.388	9.73
38)	T	Bromodichloromet...	0.404	0.430	0.510	0.506	0.497	0.469	10.49
39)	T	cis-1,3-Dichloro...	0.446	0.480	0.626	0.639	0.631	0.564	16.55
40)	T	4-Methyl-2-penta...	0.232	0.249	0.296	0.296	0.287	0.272	10.92
41)	S	Toluene-d8	1.236	1.390	1.441	1.491	1.453	1.402	7.10
42)	T	Toluene	1.340	1.452	1.745	1.723	1.698	1.591	11.54
43)	S	trans-1,3-Dichlo...	0.153	0.181	0.195	0.209	0.210	0.190	12.34
44)	T	trans-1,3-Dichlo...	0.375	0.416	0.530	0.536	0.544	0.480	16.41
45)	T	1,1,2-Trichloroe...	0.240	0.266	0.317	0.312	0.303	0.288	11.62
46)	S	2-Hexanone-d5	0.091	0.110	0.121	0.125	0.125	0.114	12.62
47)	T	Tetrachloroethene	0.242	0.251	0.308	0.301	0.296	0.279	11.04
48)	T	2-Hexanone	0.160	0.182	0.217	0.214	0.210	0.197	12.60
49)	T	Dibromochloromet...	0.247	0.269	0.338	0.339	0.342	0.307	14.71
50)	T	1,2-Dibromoethane	0.237	0.254	0.306	0.305	0.293	0.279	11.31
51)	T	Chlorobenzene	0.864	0.899	1.073	1.054	1.035	0.985	9.79
52)	T	Ethylbenzene	1.400	1.519	1.873	1.854	1.832	1.695	12.99
53)	T	m,p-Xylene	0.517	0.601	0.723	0.724	0.714	0.656	14.25
54)	T	o-Xylene	0.512	0.580	0.705	0.702	0.692	0.638	13.73
55)	T	Styrene	0.878	0.959	1.204	1.214	1.205	1.092	14.74
56)	S	1,1,2,2-Tetrachl...	0.371	0.431	0.451	0.461	0.462	0.435	8.79

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57)	T	1,1,2,2-Tetrachl...	0.312	0.357	0.411	0.408	0.403	0.378	11.39
58)	I	1,4-Dichlorobenzen...	----------ISTD----------						
59)	T	Bromoform	0.258	0.271	0.344	0.355	0.357	0.317	15.17
60)		Isopropylbenzene	2.687	2.815	3.533	3.565	3.390	3.198	13.00
61)		1,2,3-Trichlorop...	0.501	0.497	0.571	0.571	0.539	0.536	6.74
62)		1,3,5-Trimethylb...	2.122	2.300	2.982	3.038	2.953	2.679	16.17
63)		1,2,4-Trimethylb...	2.142	2.341	3.083	3.135	3.040	2.748	17.07
64)	T	1,3-Dichlorobenzene	1.281	1.331	1.594	1.579	1.538	1.465	10.03
65)	T	1,4-Dichlorobenzene	1.358	1.359	1.616	1.593	1.538	1.493	8.43
66)	S	1,2-Dichlorobenz...	0.823	0.932	0.999	1.042	1.017	0.963	9.14
67)	T	1,2-Dichlorobenzene	1.232	1.285	1.523	1.534	1.477	1.410	10.00
68)	T	1,2-Dibromo-3-ch...	0.090	0.099	0.130	0.131	0.130	0.116	16.90
69)	MA	1,3,5-Trichlorob...	0.895	0.980	1.187	1.212	1.197	1.094	13.36
70)	T	1,2,4-trichlorob...	0.721	0.774	1.014	1.058	1.064	0.926	17.83
71)	MA	Naphthalene	1.337	1.387	1.996	2.196	2.180	1.819	23.37
72)	T	1,2,3-Trichlorob...	0.643	0.700	0.928	0.971	0.955	0.839	18.50

(#) = Out of Range