Response Factor Report VOC_U

Method Path : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\
Method File : SFAMUTR112520WMA.M
Title : TRACE VOA SFAM1.0
Last Update : Thu Nov 26 06:29:45 2020
Response Via : Initial Calibration

Calibration Files
0.5 =VU041431.D 1 =VU041426.D 5 =VU041427.D
10 =VU041428.D 20 =VU041429.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.537	0.598	0.610	0.578	0.619	0.588	5.52
3)	T	Chloromethane	0.475	0.489	0.475	0.462	0.500	0.480	3.05
4)	S	Vinyl Chloride-d3	0.374	0.384	0.370	0.412	0.449	0.398	8.26
5)	T	Vinyl chloride	0.408	0.452	0.449	0.476	0.510	0.459	8.18
6)	T	Bromomethane	0.237	0.228	0.255	0.247	0.269	0.247	6.38
7)	S	Chloroethane-d5	0.279	0.296	0.262	0.281	0.300	0.284	5.33
8)	T	Chloroethane	0.320	0.320	0.285	0.257	0.267	0.289	10.15
9)	T	Trichlorofluorometh	0.757	0.802	0.847	0.804	0.873	0.817	5.47
10)	T	1,1,2-Trichloro-1,2	0.351	0.381	0.401	0.387	0.426	0.389	7.03
11)	S	1,1-Dichloroethene-	0.172	0.176	0.176	0.188	0.203	0.183	6.94
12)	T	1,1-Dichloroethene	0.315	0.298	0.345	0.330	0.368	0.331	8.12
13)	T	Acetone	0.075	0.082	0.079	0.078	0.086	0.080	5.32
14)	T	Carbon disulfide	0.896	0.898	0.986	0.943	1.074	0.959	7.72
15)	T	Methyl Acetate	0.124	0.169	0.173	0.161	0.194	0.164	15.58
16)	T	Methylene chloride	0.646	0.642	0.394	0.386	0.424	0.498	26.85
17)	T	Methyl tert-butyl E	0.845	0.844	0.949	0.963	1.104	0.941	11.38
18)	T	trans-1,2-Dichloroe	0.270	0.327	0.350	0.330	0.390	0.333	13.08
19)	T	1,1-Dichloroethane	0.586	0.653	0.715	0.685	0.731	0.674	8.55
20)	S	2-Butanone-d5	0.090	0.099	0.099	0.109	0.116	0.102	9.71
21)	T	2-Butanone	0.097	0.105	0.119	0.118	0.127	0.113	10.57
22)	T	cis-1,2-Dichloroeth	0.338	0.348	0.397	0.384	0.415	0.377	8.68
23)	T	Bromochloromethane	0.166	0.162	0.188	0.181	0.197	0.179	8.36
24)	S	Chloroform-d	0.762	0.770	0.741	0.791	0.844	0.782	4.99
25)	T	Chloroform	0.775	0.756	0.799	0.775	0.835	0.788	3.86
26)	S	1,2-Dichloroethane-	0.490	0.474	0.446	0.478	0.504	0.478	4.55
27)	T	1,2-Dichloroethane	0.544	0.546	0.594	0.575	0.614	0.575	5.26
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	0.645	0.695	0.811	0.701	0.735	0.717	8.61
30)	T	Cyclohexane	0.394	0.433	0.584	0.541	0.590	0.508	17.62
31)	T	Carbon tetrachlorid	0.576	0.613	0.728	0.646	0.672	0.647	8.96
32)	S	Benzene-d6	1.148	1.190	1.336	1.305	1.362	1.268	7.42
33)	T	Benzene	1.203	1.367	1.614	1.436	1.483	1.421	10.66
34)	T	Trichloroethene	0.341	0.361	0.444	0.378	0.387	0.382	10.14
35)	T	Methylcyclohexane	0.417	0.459	0.638	0.583	0.587	0.537	17.48
36)	S	1,2-Dichloropropane	0.302	0.384	0.382	0.389	0.366	0.365	9.85
37)	T	1,2-Dichloropropane	0.304	0.369	0.420	0.372	0.350	0.363	11.46
38)	T	Bromodichloromethan	0.491	0.565	0.631	0.561	0.577	0.565	8.83
39)	T	cis-1,3-Dichloropro	0.465	0.514	0.656	0.550	0.637	0.564	14.33
40)	T	4-Methyl-2-pentanon	0.211	0.222	0.298	0.267	0.272	0.254	14.36
41)	S	Toluene-d8	1.074	1.159	1.270	1.263	1.313	1.216	7.99
42)	T	Toluene	1.296	1.370	1.808	1.588	1.599	1.532	13.29
43)	S	trans-1,3-Dichlorop	0.149	0.185	0.202	0.209	0.217	0.193	13.95
44)	T	trans-1,3-Dichlorop	0.423	0.494	0.633	0.569	0.601	0.544	15.59
45)	T	1,1,2-Trichloroetha	0.255	0.270	0.316	0.291	0.297	0.286	8.29
46)	S	2-Hexanone-d5	0.060	0.056	0.079	0.083	0.094	0.075	21.45
47)	T	Tetrachloroethene	0.249	0.274	0.339	0.301	0.317	0.296	12.03
48)	T	2-Hexanone	0.159	0.145	0.227	0.207	0.234	0.195	20.86
49)	T	Dibromochloromethan	0.321	0.341	0.436	0.397	0.408	0.381	12.59
50)	T	1,2-Dibromoethane	0.256	0.252	0.322	0.292	0.300	0.285	10.52
51)	T	Chlorobenzene	0.981	0.906	1.079	1.040	1.093	1.020	7.56
52)	T	Ethylbenzene	1.448	1.424	1.835	1.854	2.006	1.714	15.28

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		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	m,p-Xylene	0.481	0.485	0.695	0.692	0.745	0.620	20.43
54)	T	o-Xylene	0.484	0.470	0.666	0.666	0.716	0.600	19.11
55)	T	Styrene	0.818	0.821	1.182	1.184	1.271	1.055	20.66
56)	S	1,1,2,2-Tetrachloro	0.343	0.373	0.360	0.378	0.403	0.371	6.09
57)	T	1,1,2,2-Tetrachloro	0.328	0.345	0.419	0.389	0.411	0.378	10.64
58)	I	1,4-Dichlorobenzene-d	----------ISTD----------						
59)	T	Bromoform	0.342	0.366	0.418	0.414	0.430	0.394	9.66
60)		Isopropylbenzene	2.492	2.368	3.189	3.375	3.626	3.010	18.39
61)		1,2,3-Trichloroprop	0.485	0.511	0.546	0.550	0.561	0.531	5.92
62)		1,3,5-Trimethylbenz	1.985	2.008	2.841	2.941	3.213	2.598	21.77
63)		1,2,4-Trimethylbenz	2.084	2.038	2.941	3.046	3.320	2.686	21.86
64)	T	1,3-Dichlorobenzene	1.394	1.434	1.694	1.607	1.668	1.559	8.80
65)	T	1,4-Dichlorobenzene	1.490	1.471	1.717	1.625	1.700	1.601	7.19
66)	S	1,2-Dichlorobenzene	0.832	0.856	0.878	0.914	0.948	0.885	5.22
67)	T	1,2-Dichlorobenzene	1.411	1.413	1.622	1.527	1.606	1.516	6.68
68)	T	1,2-Dibromo-3-chlor	0.123	0.116	0.152	0.145	0.154	0.138	12.72
69)	MA	1,3,5-Trichlorobenz	1.128	1.111	1.260	1.218	1.304	1.204	6.90
70)	T	1,2,4-trichlorobenz	0.916	0.880	1.068	1.054	1.135	1.011	10.66
71)	MA	Naphthalene	1.438	1.369	1.846	1.923	2.162	1.748	19.23
72)	T	1,2,3-Trichlorobenz	0.905	0.820	0.997	0.974	1.026	0.944	8.78

(#) = Out of Range