Response Factor Report VOC_U

Method Path : Z:\voasrv\HPCHEM1\MSVOA_U\Method\
Method File : SFAMUTR090921WMA.M
Title : TRACE VOA SFAM1.0
Last Update : Fri Sep 10 01:38:15 2021
Response Via : Initial Calibration

Calibration Files
0.5 =VU044615.D 1 =VU044610.D 5 =VU044611.D 10 =VU044612.D 20 =VU044613.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoro...	0.342	0.388	0.431	0.425	0.407	0.399	8.99
3)	T	Chloromethane	0.439	0.473	0.514	0.497	0.473	0.479	5.89
4)	S	Vinyl Chloride-d3	0.284	0.292	0.314	0.301	0.284	0.295	4.36
5)	T	Vinyl chloride	0.437	0.463	0.534	0.518	0.492	0.489	8.09
6)	T	Bromomethane	0.239	0.247	0.258	0.259	0.249	0.251	3.39
7)	S	Chloroethane-d5	0.295	0.297	0.313	0.309	0.292	0.301	3.09
8)	T	Chloroethane	0.286	0.298	0.336	0.325	0.313	0.312	6.42
9)	T	Trichlorofluorom...	0.462	0.536	0.605	0.585	0.565	0.551	10.14
10)	T	1,1,2-Trichloro-...	0.299	0.318	0.369	0.360	0.343	0.338	8.59
11)	S	1,1-Dichloroethe...	0.153	0.137	0.160	0.153	0.143	0.149	6.07
12)	T	1,1-Dichloroethene	0.282	0.304	0.349	0.339	0.331	0.321	8.59
13)	T	Acetone	0.072	0.083	0.084	0.082	0.082	0.081	6.14
14)	T	Carbon disulfide	0.925	0.949	1.078	1.077	1.055	1.017	7.27
15)	T	Methyl Acetate	0.125	0.118	0.143	0.143	0.198	0.145	21.56
16)	T	Methylene chloride	0.528	0.684	0.525	0.422	0.396	0.511	22.23
17)	T	Methyl tert-buty...	0.750	0.812	0.948	0.946	0.983	0.888	11.36
18)	T	trans-1,2-Dichlo...	0.297	0.317	0.369	0.365	0.359	0.341	9.48
19)	T	1,1-Dichloroethane	0.592	0.658	0.753	0.735	0.715	0.690	9.50
20)	S	2-Butanone-d5	0.125	0.116	0.127	0.128	0.123	0.124	3.87
21)	T	2-Butanone	0.124	0.130	0.142	0.140	0.137	0.134	5.56
22)	T	cis-1,2-Dichloro...	0.318	0.350	0.404	0.407	0.402	0.376	10.66
23)	T	Bromochloromethane	0.126	0.157	0.170	0.176	0.168	0.159	12.56
24)	S	Chloroform-d	0.629	0.578	0.620	0.633	0.643	0.621	4.05
25)	T	Chloroform	0.662	0.715	0.816	0.770	0.715	0.736	8.01
26)	S	1,2-Dichloroetha...	0.380	0.355	0.381	0.372	0.362	0.370	3.03
27)	T	1,2-Dichloroethane	0.427	0.462	0.510	0.514	0.496	0.482	7.62
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroe...	0.446	0.501	0.599	0.594	0.584	0.545	12.50
30)	T	Cyclohexane	0.526	0.536	0.679	0.691	0.689	0.624	13.65
31)	T	Carbon tetrachlo...	0.349	0.388	0.469	0.464	0.463	0.426	12.82
32)	S	Benzene-d6	1.239	1.154	1.369	1.326	1.287	1.275	6.50
33)	T	Benzene	1.223	1.333	1.652	1.629	1.582	1.484	13.02
34)	T	Trichloroethene	0.320	0.329	0.398	0.397	0.393	0.367	10.74
35)	T	Methylcyclohexane	0.494	0.509	0.659	0.674	0.682	0.604	15.51
36)	S	1,2-Dichloroprop...	0.408	0.382	0.439	0.438	0.427	0.419	5.69
37)	T	1,2-Dichloropropane	0.330	0.370	0.435	0.430	0.423	0.398	11.59
38)	T	Bromodichloromet...	0.402	0.439	0.524	0.527	0.519	0.482	12.01
39)	T	cis-1,3-Dichloro...	0.452	0.491	0.612	0.622	0.640	0.563	15.16
40)	T	4-Methyl-2-penta...	0.280	0.266	0.334	0.339	0.329	0.310	11.00
41)	S	Toluene-d8	1.062	0.956	1.201	1.184	1.146	1.110	9.15
42)	T	Toluene	1.269	1.328	1.733	1.727	1.691	1.550	14.90
43)	S	trans-1,3-Dichlo...	0.135	0.120	0.161	0.160	0.163	0.148	13.05
44)	T	trans-1,3-Dichlo...	0.366	0.402	0.533	0.547	0.557	0.481	18.67
45)	T	1,1,2-Trichloroe...	0.235	0.258	0.311	0.309	0.301	0.283	12.25
46)	S	2-Hexanone-d5	0.095	0.076	0.099	0.102	0.102	0.095	11.52
47)	T	Tetrachloroethene	0.224	0.221	0.282	0.277	0.272	0.255	11.85
48)	T	2-Hexanone	0.223	0.194	0.248	0.246	0.241	0.230	9.85
49)	T	Dibromochloromet...	0.244	0.258	0.324	0.331	0.328	0.297	14.29
50)	T	1,2-Dibromoethane	0.221	0.239	0.292	0.294	0.285	0.266	12.75
51)	T	Chlorobenzene	0.845	0.868	1.034	1.038	1.018	0.961	9.96
52)	T	Ethylbenzene	1.397	1.435	1.826	1.865	1.870	1.679	14.33
53)	T	m,p-Xylene	0.513	0.546	0.706	0.714	0.713	0.638	15.65
54)	T	o-Xylene	0.480	0.517	0.671	0.690	0.690	0.610	16.82
55)	T	Styrene	0.846	0.851	1.198	1.222	1.219	1.067	18.72
56)	S	1,1,2,2-Tetrachl...	0.407	0.324	0.385	0.375	0.365	0.371	8.21

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57)	T	1,1,2,2-Tetrachl...	0.317	0.349	0.414	0.412	0.405	0.380	11.58
58)	I	1,4-Dichlorobenzen...	----------ISTD----------						
59)	T	Bromoform	0.251	0.271	0.338	0.345	0.349	0.311	14.92
60)		Isopropylbenzene	2.527	2.690	3.426	3.514	3.492	3.130	15.35
61)		1,2,3-Trichlorop...	0.476	0.531	0.600	0.593	0.563	0.552	9.21
62)		1,3,5-Trimethylb...	2.040	2.142	2.833	2.986	2.995	2.599	18.07
63)		1,2,4-Trimethylb...	2.044	2.169	2.938	3.093	3.103	2.669	19.48
64)	T	1,3-Dichlorobenzene	1.318	1.318	1.559	1.562	1.540	1.459	8.86
65)	T	1,4-Dichlorobenzene	1.449	1.385	1.582	1.577	1.536	1.506	5.73
66)	S	1,2-Dichlorobenz...	0.987	0.728	0.820	0.812	0.779	0.825	11.81
67)	T	1,2-Dichlorobenzene	1.248	1.251	1.491	1.489	1.447	1.385	9.02
68)	T	1,2-Dibromo-3-ch...	0.108	0.104	0.133	0.130	0.132	0.122	11.58
69)	MA	1,3,5-Trichlorob...	1.106	0.953	1.135	1.176	1.177	1.109	8.34
70)	T	1,2,4-trichlorob...	0.943	0.742	0.951	1.001	1.041	0.936	12.30
71)	MA	Naphthalene	2.040	1.210	1.741	2.000	2.139	1.826	20.51
72)	T	1,2,3-Trichlorob...	0.891	0.651	0.880	0.938	0.947	0.861	14.04

(#) = Out of Range