Response Factor Report VOC_U

Method Path : Z:\voasrv\HPCHEM1\MSVOA_U\Method\
Method File : SFAMUTR011822WMA.M
Title : TRACE VOA SFAM1.0
Last Update : Thu Jan 20 02:00:32 2022
Response Via : Initial Calibration

Calibration Files
0.5 =VU046780.D 1 =VU046775.D 5 =VU046792.D 10 =VU046777.D 20 =VU046778.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoro...	0.431	0.415	0.505	0.494	0.507	0.470	9.30
3)	T	Chloromethane	0.372	0.347	0.414	0.400	0.403	0.387	7.07
4)	S	Vinyl Chloride-d3	0.423	0.420	0.433	0.420	0.422	0.424	1.33
5)	T	Vinyl chloride	0.363	0.371	0.435	0.422	0.425	0.403	8.33
6)	T	Bromomethane	0.231	0.226	0.272	0.266	0.267	0.252	8.72
7)	S	Chloroethane-d5	0.320	0.326	0.346	0.335	0.341	0.334	3.15
8)	T	Chloroethane	0.198	0.214	0.249	0.249	0.251	0.232	10.64
9)	T	Trichlorofluorom...	0.454	0.431	0.523	0.522	0.528	0.491	9.24
10)	T	1,1,2-Trichloro-...	0.271	0.256	0.313	0.309	0.311	0.292	9.01
11)	S	1,1-Dichloroethe...	0.153	0.171	0.179	0.169	0.171	0.169	5.69
12)	T	1,1-Dichloroethene	0.256	0.238	0.304	0.299	0.299	0.279	10.77
13)	T	Acetone	0.078	0.056	0.073	0.065	0.069	0.068	12.35
14)	T	Carbon disulfide	0.855	0.817	0.977	0.956	0.979	0.917	8.21
15)	T	Methyl Acetate	0.139	0.136	0.150	0.150	0.171	0.149	9.20
16)	T	Methylene chloride	0.350	0.317	0.347	0.334	0.337	0.337	3.81
17)	T	Methyl tert-buty...	0.679	0.692	0.844	0.843	0.858	0.783	11.41
18)	T	trans-1,2-Dichlo...	0.282	0.272	0.319	0.317	0.322	0.302	7.82
19)	T	1,1-Dichloroethane	0.456	0.448	0.550	0.540	0.545	0.508	10.12
20)	S	2-Butanone-d5	0.109	0.117	0.138	0.131	0.133	0.126	9.81
21)	T	2-Butanone	0.133	0.083	0.112	0.108	0.113	0.110	16.33
22)	T	cis-1,2-Dichloro...	0.285	0.268	0.350	0.341	0.351	0.319	12.34
23)	T	Bromochloromethane	0.142	0.134	0.170	0.169	0.170	0.157	11.15
24)	S	Chloroform-d	0.751	0.764	0.752	0.724	0.728	0.744	2.30
25)	T	Chloroform	0.810	1.238	0.749	0.609	0.623	0.806	31.75
26)	S	1,2-Dichloroetha...	0.402	0.411	0.416	0.399	0.398	0.405	1.96
27)	T	1,2-Dichloroethane	0.306	0.318	0.388	0.385	0.381	0.356	11.34
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroe...	0.395	0.399	0.485	0.478	0.495	0.450	10.91
30)	T	Cyclohexane	0.388	0.399	0.490	0.495	0.513	0.457	12.86
31)	T	Carbon tetrachlo...	0.354	0.344	0.405	0.408	0.421	0.386	9.00
32)	S	Benzene-d6	1.477	1.427	1.493	1.444	1.508	1.470	2.31
33)	T	Benzene	1.074	1.058	1.251	1.232	1.270	1.177	8.69
34)	T	Trichloroethene	0.287	0.269	0.324	0.319	0.330	0.306	8.61
35)	T	Methylcyclohexane	0.443	0.425	0.551	0.553	0.588	0.512	14.29
36)	S	1,2-Dichloroprop...	0.442	0.431	0.449	0.435	0.449	0.441	1.83
37)	T	1,2-Dichloropropane	0.251	0.258	0.309	0.308	0.318	0.289	11.04
38)	T	Bromodichloromet...	0.461	0.391	0.410	0.396	0.419	0.416	6.67
39)	T	cis-1,3-Dichloro...	0.381	0.376	0.482	0.491	0.523	0.451	15.02
40)	T	4-Methyl-2-penta...	0.181	0.175	0.237	0.229	0.236	0.212	14.65
41)	S	Toluene-d8	1.342	1.290	1.384	1.332	1.377	1.345	2.82
42)	T	Toluene	1.870	1.089	1.364	1.336	1.376	1.407	20.20
43)	S	trans-1,3-Dichlo...	0.193	0.181	0.195	0.193	0.207	0.194	4.75
44)	T	trans-1,3-Dichlo...	0.341	0.341	0.434	0.432	0.458	0.401	13.91
45)	T	1,1,2-Trichloroe...	0.221	0.211	0.266	0.263	0.269	0.246	11.28
46)	S	2-Hexanone-d5	0.101	0.101	0.125	0.121	0.126	0.115	11.19
47)	T	Tetrachloroethene	0.234	0.218	0.268	0.257	0.266	0.249	8.72
48)	T	2-Hexanone	0.139	0.136	0.180	0.172	0.173	0.160	13.08
49)	T	Dibromochloromet...	0.269	0.262	0.303	0.300	0.316	0.290	8.01
50)	T	1,2-Dibromoethane	0.232	0.207	0.269	0.265	0.273	0.249	11.50
51)	T	Chlorobenzene	0.761	0.728	0.867	0.852	0.879	0.817	8.36
52)	T	Ethylbenzene	1.167	1.136	1.447	1.432	1.506	1.338	12.89
53)	T	m,p-Xylene	0.472	0.425	0.585	0.579	0.606	0.533	14.96
54)	T	o-Xylene	0.467	0.417	0.556	0.557	0.587	0.517	13.87
55)	T	Styrene	0.667	0.668	0.934	0.951	1.008	0.846	19.51
56)	S	1,1,2,2-Tetrachl...	0.455	0.405	0.458	0.442	0.456	0.443	5.04

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57)	T	1,1,2,2-Tetrachl...	0.309	0.278	0.357	0.348	0.360	0.330	10.84
58)	I	1,4-Dichlorobenzen...	----------ISTD----------						
59)	T	Bromoform	0.273	0.264	0.331	0.330	0.341	0.308	11.81
60)		Isopropylbenzene	1.929	2.026	2.570	2.541	2.579	2.329	13.87
61)		1,2,3-Trichlorop...	0.416	0.376	0.456	0.438	0.432	0.424	7.08
62)		1,3,5-Trimethylb...	1.569	1.547	2.104	2.134	2.205	1.912	16.99
63)		1,2,4-Trimethylb...	1.621	1.585	2.180	2.185	2.265	1.967	16.99
64)	T	1,3-Dichlorobenzene	1.113	1.033	1.236	1.207	1.232	1.164	7.61
65)	T	1,4-Dichlorobenzene	1.110	1.066	1.241	1.211	1.231	1.172	6.72
66)	S	1,2-Dichlorobenz...	1.004	0.932	0.934	0.903	0.916	0.938	4.17
67)	T	1,2-Dichlorobenzene	1.051	1.039	1.197	1.159	1.183	1.126	6.67
68)	T	1,2-Dibromo-3-ch...	0.076	0.073	0.097	0.095	0.098	0.088	13.76
69)	MA	1,3,5-Trichlorob...	0.862	0.814	0.958	0.962	0.993	0.918	8.25
70)	T	1,2,4-trichlorob...	0.721	0.611	0.830	0.817	0.858	0.767	13.22
71)	MA	Naphthalene	1.314	1.225	1.669	1.746	1.858	1.562	17.76
72)	T	1,2,3-Trichlorob...	0.677	0.598	0.773	0.777	0.799	0.725	11.77

(#) = Out of Range