Response Factor Report VOC_U

Method Path : Z:\voasrv\HPCHEM1\MSVOA_U\Method\
Method File : SFAMUTR030121WMA.M
Title : TRACE VOA SFAM1.0
Last Update : Tue Mar 02 14:41:09 2021
Response Via : Initial Calibration

Calibration Files
0.5 =VU042453.D 1 =VU042454.D 5 =VU042455.D 10 =VU042456.D 20 =VU042457.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoro...	0.380	0.448	0.515	0.521	0.511	0.475	12.77
3)	T	Chloromethane	0.385	0.414	0.464	0.474	0.453	0.438	8.54
4)	S	Vinyl Chloride-d3	0.202	0.193	0.219	0.224	0.222	0.212	6.44
5)	T	Vinyl chloride	0.379	0.411	0.459	0.466	0.461	0.435	8.87
6)	T	Bromomethane	0.217	0.239	0.276	0.285	0.276	0.259	11.25
7)	S	Chloroethane-d5	0.231	0.199	0.221	0.227	0.234	0.222	6.34
8)	T	Chloroethane	0.214	0.251	0.280	0.289	0.277	0.262	11.71
9)	T	Trichlorofluorom...	0.548	0.655	0.767	0.788	0.752	0.702	14.26
10)	T	1,1,2-Trichloro-...	0.281	0.338	0.391	0.413	0.402	0.365	15.01
11)	S	1,1-Dichloroethe...	0.139	0.115	0.137	0.139	0.146	0.135	8.80
12)	T	1,1-Dichloroethene	0.299	0.314	0.362	0.372	0.371	0.344	10.00
13)	T	Acetone	0.070	0.081	0.093	0.101	0.091	0.087	13.71
14)	T	Carbon disulfide	0.984	1.051	1.185	1.253	1.233	1.141	10.33
15)	T	Methyl Acetate	0.173	0.184	0.206	0.249	0.199	0.202	14.51
16)	T	Methylene chloride	0.365	0.395	0.386	0.407	0.394	0.389	3.97
17)	T	Methyl tert-buty...	0.817	0.907	1.044	1.140	1.086	0.999	13.33
18)	T	trans-1,2-Dichlo...	0.308	0.338	0.386	0.407	0.391	0.366	11.26
19)	T	1,1-Dichloroethane	0.578	0.669	0.743	0.789	0.776	0.711	12.31
20)	S	2-Butanone-d5	0.128	0.103	0.124	0.145	0.133	0.126	12.19
21)	T	2-Butanone	0.128	0.122	0.153	0.182	0.158	0.148	16.31
22)	T	cis-1,2-Dichloro...	0.327	0.354	0.410	0.444	0.427	0.392	12.65
23)	T	Bromochloromethane	0.158	0.168	0.196	0.216	0.205	0.189	13.07
24)	S	Chloroform-d	0.652	0.568	0.676	0.721	0.710	0.665	9.16
25)	T	Chloroform	0.641	0.693	0.772	0.810	0.799	0.743	9.89
26)	S	1,2-Dichloroetha...	0.465	0.369	0.394	0.437	0.427	0.418	8.90
27)	T	1,2-Dichloroethane	0.464	0.513	0.579	0.630	0.595	0.556	11.99
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroe...	0.596	0.678	0.739	0.758	0.751	0.705	9.68
30)	T	Cyclohexane	0.566	0.660	0.730	0.766	0.750	0.694	11.84
31)	T	Carbon tetrachlo...	0.489	0.547	0.625	0.666	0.660	0.597	12.92
32)	S	Benzene-d6	1.228	1.054	1.165	1.246	1.241	1.187	6.84
33)	T	Benzene	1.334	1.486	1.643	1.694	1.666	1.565	9.71
34)	T	Trichloroethene	0.345	0.395	0.437	0.465	0.458	0.420	11.89
35)	T	Methylcyclohexane	0.484	0.597	0.696	0.739	0.718	0.647	16.40
36)	S	1,2-Dichloroprop...	0.457	0.383	0.393	0.423	0.425	0.416	7.02
37)	T	1,2-Dichloropropane	0.377	0.396	0.447	0.458	0.445	0.425	8.45
38)	T	Bromodichloromet...	0.450	0.529	0.582	0.622	0.605	0.557	12.49
39)	T	cis-1,3-Dichloro...	0.538	0.544	0.660	0.703	0.704	0.630	13.17
40)	T	4-Methyl-2-penta...	0.290	0.336	0.377	0.436	0.399	0.368	15.36
41)	S	Toluene-d8	1.240	1.068	1.125	1.176	1.192	1.160	5.70
42)	T	Toluene	1.393	1.580	1.790	1.893	1.850	1.701	12.35
43)	S	trans-1,3-Dichlo...	0.173	0.142	0.165	0.182	0.185	0.169	10.12
44)	T	trans-1,3-Dichlo...	0.421	0.504	0.598	0.665	0.642	0.566	17.99
45)	T	1,1,2-Trichloroe...	0.266	0.281	0.319	0.345	0.326	0.307	10.60
46)	S	2-Hexanone-d5	0.086	0.076	0.092	0.109	0.101	0.093	13.86
47)	T	Tetrachloroethene	0.274	0.332	0.363	0.380	0.374	0.345	12.58
48)	T	2-Hexanone	0.208	0.236	0.283	0.321	0.297	0.269	17.05
49)	T	Dibromochloromet...	0.330	0.344	0.415	0.459	0.438	0.397	14.41
50)	T	1,2-Dibromoethane	0.241	0.304	0.328	0.363	0.339	0.315	14.68
51)	T	Chlorobenzene	0.893	0.994	1.147	1.180	1.158	1.074	11.66
52)	T	Ethylbenzene	1.552	1.736	2.023	2.151	2.104	1.913	13.51
53)	T	m,p-Xylene	0.589	0.656	0.753	0.800	0.783	0.716	12.62
54)	T	o-Xylene	0.543	0.614	0.724	0.780	0.766	0.685	15.01
55)	T	Styrene	0.879	0.997	1.252	1.344	1.346	1.164	18.35
56)	S	1,1,2,2-Tetrachl...	0.384	0.321	0.363	0.419	0.405	0.378	10.15

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57)	T	1,1,2,2-Tetrachl...	0.341	0.366	0.431	0.479	0.457	0.415	14.26
58)	I	1,4-Dichlorobenzen...	----------ISTD----------						
59)	T	Bromoform	0.337	0.405	0.485	0.520	0.500	0.449	17.02
60)		Isopropylbenzene	2.771	3.236	3.610	3.746	3.643	3.401	11.81
61)		1,2,3-Trichlorop...	0.488	0.537	0.588	0.621	0.578	0.562	9.13
62)		1,3,5-Trimethylb...	2.286	2.645	3.038	3.236	3.164	2.874	13.93
63)		1,2,4-Trimethylb...	2.164	2.626	3.054	3.250	3.196	2.858	16.05
64)	T	1,3-Dichlorobenzene	1.385	1.559	1.739	1.792	1.743	1.644	10.32
65)	T	1,4-Dichlorobenzene	1.387	1.511	1.685	1.801	1.760	1.629	10.74
66)	S	1,2-Dichlorobenz...	0.915	0.761	0.839	0.924	0.905	0.869	7.92
67)	T	1,2-Dichlorobenzene	1.254	1.457	1.650	1.728	1.693	1.557	12.77
68)	T	1,2-Dibromo-3-ch...	0.122	0.115	0.144	0.162	0.155	0.140	14.65
69)	MA	1,3,5-Trichlorob...	1.064	1.259	1.397	1.482	1.457	1.332	12.98
70)	T	1,2,4-trichlorob...	0.749	0.853	1.156	1.272	1.252	1.057	22.73
71)	MA	Naphthalene	0.985	1.121	1.842	2.237	2.242	1.686	35.70
72)	T	1,2,3-Trichlorob...	0.722	0.778	1.011	1.134	1.121	0.953	20.22

(#) = Out of Range