Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\
Method File : SFAMVTR122920WMA.M
Title : TRACE VOA SFAM1.0
Last Update : Tue Dec 29 12:51:25 2020
Response Via : Initial Calibration

Calibration Files
0.5 =VV019855.D 1 =VV019856.D 5 =VV019857.D
10 =VV019858.D 20 =VV019859.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.521	0.511	0.465	0.455	0.440	0.478	7.49
3)	T	Chloromethane	0.568	0.560	0.509	0.512	0.495	0.529	6.18
4)	S	Vinyl Chloride-d3	0.387	0.371	0.343	0.349	0.349	0.360	5.13
5)	T	Vinyl chloride	0.555	0.559	0.494	0.497	0.488	0.519	6.75
6)	T	Bromomethane	0.340	0.320	0.291	0.285	0.283	0.304	8.24
7)	S	Chloroethane-d5	0.321	0.317	0.291	0.288	0.284	0.300	5.67
8)	T	Chloroethane	0.342	0.347	0.304	0.301	0.293	0.317	7.94
9)	T	Trichlorofluorometh	0.702	0.671	0.596	0.599	0.583	0.630	8.38
10)	T	1,1,2-Trichloro-1,2	0.375	0.360	0.326	0.323	0.311	0.339	7.99
11)	S	1,1-Dichloroethene-	0.810	0.793	0.707	0.708	0.707	0.745	6.97
12)	T	1,1-Dichloroethene	0.375	0.377	0.330	0.326	0.324	0.346	7.77
13)	T	Acetone	0.064	0.057	0.055	0.056	0.054	0.057	7.04
14)	T	Carbon disulfide	1.284	1.261	1.139	1.157	1.158	1.200	5.62
15)	T	Methyl Acetate	0.095	0.135	0.156	0.161	0.163	0.142	19.96
16)	T	Methylene chloride	0.508	0.464	0.387	0.381	0.369	0.422	14.42
17)	T	Methyl tert-butyl E	0.922	0.888	0.834	0.846	0.842	0.867	4.34
18)	T	trans-1,2-Dichloroe	0.419	0.415	0.373	0.375	0.375	0.391	6.01
19)	T	1,1-Dichloroethane	0.808	0.777	0.739	0.733	0.731	0.757	4.47
20)	S	2-Butanone-d5	0.079	0.076	0.072	0.076	0.078	0.076	3.55
21)	T	2-Butanone	0.103	0.093	0.093	0.094	0.096	0.096	4.56
22)	T	cis-1,2-Dichloroeth	0.431	0.414	0.389	0.400	0.400	0.407	4.00
23)	T	Bromochloromethane	0.166	0.168	0.160	0.158	0.158	0.162	3.05
24)	S	Chloroform-d	0.705	0.679	0.645	0.652	0.648	0.666	3.84
25)	T	Chloroform	0.815	0.781	0.724	0.729	0.718	0.754	5.67
26)	S	1,2-Dichloroethane-	0.362	0.354	0.323	0.318	0.320	0.336	6.25
27)	T	1,2-Dichloroethane	0.476	0.475	0.444	0.454	0.446	0.459	3.42
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	0.726	0.709	0.642	0.663	0.670	0.682	5.06
30)	T	Cyclohexane	0.709	0.724	0.649	0.669	0.679	0.686	4.41
31)	T	Carbon tetrachlorid	0.569	0.587	0.530	0.543	0.556	0.557	4.01
32)	S	Benzene-d6	1.442	1.432	1.300	1.342	1.346	1.372	4.49
33)	T	Benzene	1.696	1.773	1.593	1.662	1.646	1.674	3.99
34)	T	Trichloroethene	0.495	0.472	0.418	0.424	0.428	0.447	7.58
35)	T	Methylcyclohexane	0.660	0.708	0.640	0.666	0.671	0.669	3.73
36)	S	1,2-Dichloropropane	0.438	0.430	0.393	0.396	0.404	0.412	4.93
37)	T	1,2-Dichloropropane	0.420	0.430	0.414	0.416	0.419	0.420	1.50
38)	T	Bromodichloromethan	0.520	0.529	0.495	0.520	0.524	0.518	2.61
39)	T	cis-1,3-Dichloropro	0.507	0.593	0.559	0.602	0.620	0.576	7.77
40)	T	4-Methyl-2-pentanon	0.224	0.241	0.233	0.245	0.242	0.237	3.56
41)	S	Toluene-d8	1.208	1.229	1.153	1.191	1.203	1.197	2.35
42)	T	Toluene	1.691	1.760	1.642	1.698	1.709	1.700	2.48
43)	S	trans-1,3-Dichlorop	0.137	0.139	0.139	0.148	0.155	0.144	5.23
44)	T	trans-1,3-Dichlorop	0.442	0.457	0.451	0.495	0.515	0.472	6.62
45)	T	1,1,2-Trichloroetha	0.286	0.282	0.261	0.266	0.263	0.271	4.22
46)	S	2-Hexanone-d5	0.047	0.053	0.057	0.064	0.068	0.058	14.57
47)	T	Tetrachloroethene	0.322	0.336	0.283	0.287	0.291	0.304	7.72
48)	T	2-Hexanone	0.154	0.161	0.163	0.172	0.172	0.164	4.61
49)	T	Dibromochloromethan	0.287	0.289	0.282	0.300	0.310	0.294	3.83
50)	T	1,2-Dibromoethane	0.251	0.251	0.240	0.245	0.245	0.247	1.86
51)	T	Chlorobenzene	1.140	1.126	1.012	1.043	1.055	1.075	5.15
52)	T	Ethylbenzene	1.865	1.932	1.786	1.898	1.938	1.884	3.30

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0.5 =VV019855.D 1 =VV019856.D 5 =VV019857.D
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		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	m,p-xylene	0.663	0.716	0.660	0.695	0.710	0.689	3.76
54)	T	o-xylene	0.631	0.660	0.641	0.680	0.688	0.660	3.71
55)	T	Styrene	1.032	1.083	1.097	1.164	1.202	1.116	6.06
56)	S	1,1,2,2-Tetrachloro	0.262	0.257	0.246	0.258	0.264	0.258	2.79
57)	T	1,1,2,2-Tetrachloro	0.263	0.282	0.285	0.302	0.305	0.287	5.86
58)	I	1,4-Dichlorobenzene-d	----------ISTD----------						
59)	T	Bromoform	0.264	0.260	0.264	0.280	0.288	0.271	4.47
60)	T	Isopropylbenzene	3.681	3.766	3.536	3.614	3.602	3.640	2.40
61)	T	1,2,3-Trichloroprop	0.518	0.503	0.470	0.469	0.456	0.483	5.43
62)	T	1,3,5-Trimethylbenz	2.942	3.031	2.943	3.038	3.092	3.009	2.17
63)	T	1,2,4-Trimethylbenz	2.973	3.032	3.040	3.109	3.174	3.065	2.53
64)	T	1,3-Dichlorobenzene	1.681	1.659	1.533	1.559	1.560	1.598	4.19
65)	T	1,4-Dichlorobenzene	1.747	1.665	1.526	1.540	1.539	1.603	6.13
66)	S	1,2-Dichlorobenzene	0.834	0.820	0.747	0.733	0.749	0.777	6.01
67)	T	1,2-Dichlorobenzene	1.530	1.580	1.408	1.415	1.417	1.470	5.41
68)	T	1,2-Dibromo-3-chlor	0.104	0.093	0.094	0.102	0.105	0.100	5.81
69)		1,3,5-Trichlorobenz	1.178	1.258	1.146	1.138	1.202	1.185	4.09
70)	T	1,2,4-trichlorobenz	0.935	0.946	0.941	0.979	1.015	0.963	3.49
71)		Naphthalene	1.156	1.226	1.470	1.646	1.788	1.457	18.46
72)	T	1,2,3-Trichlorobenz	0.779	0.773	0.817	0.849	0.882	0.820	5.64

(#) = Out of Range