Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\
Method File : SFAMVTR072919WMA.M
Title : TRACE VOA SOM01.0
Last Update : Tue Jul 30 08:26:03 2019
Response Via : Initial Calibration

Calibration Files
0.5 =VV012056.D 1 =VV012057.D 5 =VV012058.D
10 =VV012059.D 20 =VV012060.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.537	0.577	0.579	0.590	0.566	0.570	3.50
3)	T	Chloromethane	0.322	0.334	0.319	0.333	0.323	0.326	2.06
4)	S	Vinyl Chloride-d3	0.272	0.266	0.292	0.300	0.284	0.283	4.90
5)	T	Vinyl chloride	0.333	0.333	0.330	0.339	0.334	0.334	1.09
6)	T	Bromomethane	0.192	0.187	0.200	0.213	0.205	0.199	5.17
7)	S	Chloroethane-d5	0.187	0.167	0.211	0.220	0.207	0.198	10.71
8)	T	Chloroethane	0.188	0.174	0.176	0.189	0.179	0.181	3.84
9)	T	Trichlorofluorometh	0.551	0.557	0.558	0.600	0.589	0.571	3.87
10)	T	1,1,2-Trichloro-1,2	0.254	0.239	0.237	0.252	0.258	0.248	3.83
11)	S	1,1-Dichloroethene-	0.508	0.457	0.514	0.541	0.543	0.513	6.77
12)	T	1,1-Dichloroethene	0.238	0.223	0.218	0.233	0.237	0.230	3.84
13)	T	Acetone	0.041	0.032	0.033	0.034	0.036	0.035	9.82
14)	T	Carbon disulfide	0.662	0.592	0.615	0.659	0.679	0.641	5.63
15)	T	Methyl Acetate	0.089	0.064	0.065	0.070	0.075	0.073	13.83
16)	T	Methylene chloride	0.281	0.232	0.220	0.220	0.225	0.236	10.93
17)	T	Methyl tert-butyl E	0.683	0.678	0.704	0.754	0.792	0.722	6.82
18)	T	trans-1,2-Dichloroe	0.335	0.310	0.319	0.336	0.354	0.331	5.16
19)	T	1,1-Dichloroethane	0.592	0.560	0.586	0.601	0.620	0.592	3.72
20)	S	2-Butanone-d5	0.058	0.049	0.069	0.071	0.074	0.064	15.75
21)	T	2-Butanone	0.067	0.060	0.069	0.074	0.079	0.070	10.60
22)	T	cis-1,2-Dichloroeth	0.345	0.328	0.340	0.369	0.379	0.352	5.99
23)	T	Bromochloromethane	0.155	0.141	0.151	0.161	0.165	0.155	6.00
24)	S	Chloroform-d	0.598	0.550	0.633	0.635	0.641	0.611	6.24
25)	T	Chloroform	0.782	0.714	0.729	0.746	0.740	0.742	3.41
26)	S	1,2-Dichloroethane-	0.295	0.292	0.354	0.358	0.355	0.331	10.23
27)	T	1,2-Dichloroethane	0.395	0.401	0.395	0.426	0.432	0.410	4.39
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	0.580	0.575	0.616	0.636	0.683	0.618	7.15
30)	T	Cyclohexane	0.499	0.449	0.530	0.545	0.621	0.529	12.03
31)	T	Carbon tetrachlorid	0.521	0.503	0.562	0.570	0.624	0.556	8.49
32)	S	Benzene-d6	1.163	1.055	1.327	1.326	1.424	1.259	11.73
33)	T	Benzene	1.330	1.205	1.373	1.376	1.508	1.358	8.00
34)	T	Trichloroethene	0.397	0.353	0.381	0.384	0.422	0.387	6.44
35)	T	Methylcyclohexane	0.595	0.515	0.603	0.629	0.692	0.607	10.52
36)	S	1,2-Dichloropropane	0.314	0.307	0.374	0.368	0.397	0.352	11.26
37)	T	1,2-Dichloropropane	0.282	0.298	0.317	0.321	0.353	0.314	8.53
38)	T	Bromodichloromethan	0.424	0.386	0.448	0.462	0.498	0.444	9.46
39)	T	cis-1,3-Dichloropro	0.417	0.425	0.504	0.540	0.579	0.493	14.38
40)	T	4-Methyl-2-pentanon	0.159	0.147	0.181	0.196	0.202	0.177	13.32
41)	S	Toluene-d8	1.038	1.011	1.330	1.364	1.371	1.223	14.87
42)	T	Toluene	1.402	1.306	1.555	1.620	1.668	1.510	10.06
43)	S	trans-1,3-Dichlorop	0.127	0.121	0.167	0.173	0.181	0.154	17.97
44)	T	trans-1,3-Dichlorop	0.346	0.339	0.406	0.439	0.462	0.398	13.76
45)	T	1,1,2-Trichloroetha	0.241	0.227	0.239	0.244	0.247	0.240	3.12
46)	S	2-Hexanone-d5	0.047	0.040	0.059	0.062	0.065	0.054	19.67
47)	T	Tetrachloroethene	0.304	0.313	0.352	0.353	0.370	0.338	8.29
48)	T	2-Hexanone	0.114	0.101	0.130	0.137	0.144	0.125	14.10
49)	T	Dibromochloromethan	0.247	0.263	0.301	0.321	0.337	0.294	13.05
50)	T	1,2-Dibromoethane	0.205	0.209	0.226	0.236	0.245	0.224	7.69
51)	T	Chlorobenzene	0.994	0.922	1.004	1.048	1.081	1.010	5.96
52)	T	Ethylbenzene	1.544	1.537	1.742	1.854	1.939	1.723	10.50

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		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	m,p-xylene	0.570	0.564	0.688	0.713	0.745	0.656	12.77
54)	T	o-xylene	0.537	0.532	0.635	0.685	0.716	0.621	13.55
55)	T	Styrene	0.871	0.884	1.088	1.171	1.217	1.046	15.39
56)	S	1,1,2,2-Tetrachloro	0.248	0.227	0.280	0.284	0.282	0.264	9.66
57)	T	1,1,2,2-Tetrachloro	0.245	0.231	0.259	0.273	0.277	0.257	7.53
58)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------				
59)	T	Bromoform	0.300	0.272	0.288	0.311	0.341	0.302	8.59
60)	T	Isopropylbenzene	3.106	2.739	3.147	3.404	3.574	3.194	9.96
61)	T	1,2,3-Trichloroprop	0.374	0.341	0.355	0.371	0.381	0.364	4.52
62)	T	1,3,5-Trimethylbenz	2.274	2.189	2.649	2.927	3.150	2.638	15.64
63)	T	1,2,4-Trimethylbenz	2.258	2.139	2.688	2.919	3.099	2.621	15.80
64)	T	1,3-Dichlorobenzene	1.663	1.442	1.538	1.620	1.696	1.592	6.43
65)	T	1,4-Dichlorobenzene	1.737	1.475	1.579	1.623	1.697	1.622	6.32
66)	S	1,2-Dichlorobenzene	0.842	0.755	0.935	0.948	0.972	0.890	10.16
67)	T	1,2-Dichlorobenzene	1.498	1.319	1.408	1.465	1.542	1.447	5.95
68)	T	1,2-Dibromo-3-chlor	0.066	0.061	0.075	0.083	0.091	0.075	15.92
69)		1,3,5-Trichlorobenz	1.394	1.185	1.247	1.332	1.422	1.316	7.56
70)	T	1,2,4-trichlorobenz	1.044	0.883	0.986	1.092	1.202	1.041	11.39
71)		Naphthalene	1.377	1.116	1.331	1.585	1.815	1.445	18.39
72)	T	1,2,3-Trichlorobenz	0.908	0.772	0.886	0.992	1.057	0.923	11.76

(#) = Out of Range