Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\
Method File : SOMVTR090919WMA.M
Title : TRACE VOA SOM01.0
Last Update : Tue Sep 10 09:27:53 2019
Response Via : Initial Calibration

Calibration Files
0.5 =VV012622.D 1 =VV012623.D 5 =VV012628.D
10 =VV012625.D 20 =VV012626.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.456	0.400	0.365	0.419	0.467	0.422	9.90
3)	T	Chloromethane	0.472	0.432	0.352	0.415	0.459	0.426	11.03
4)	S	Vinyl Chloride-d3	0.375	0.355	0.290	0.309	0.367	0.339	11.03
5)	T	Vinyl chloride	0.466	0.438	0.367	0.424	0.476	0.435	9.88
6)	T	Bromomethane	0.250	0.237	0.201	0.239	0.264	0.238	9.93
7)	S	Chloroethane-d5	0.329	0.276	0.244	0.254	0.299	0.281	12.24
8)	T	Chloroethane	0.286	0.258	0.218	0.251	0.272	0.257	9.99
9)	T	Trichlorofluorometh	0.593	0.550	0.467	0.540	0.576	0.545	8.92
10)	T	1,1,2-Trichloro-1,2	0.358	0.317	0.280	0.325	0.351	0.326	9.57
11)	S	1,1-Dichloroethene-	0.598	0.549	0.482	0.517	0.593	0.548	9.04
12)	T	1,1-Dichloroethene	0.354	0.306	0.261	0.298	0.334	0.311	11.44
13)	T	Acetone	0.052	0.051	0.039	0.046	0.051	0.048	11.55
14)	T	Carbon disulfide	0.890	0.807	0.715	0.835	0.930	0.835	9.87
15)	T	Methyl Acetate	0.142	0.132	0.106	0.125	0.139	0.129	11.13
16)	T	Methylene chloride	0.541	0.403	0.281	0.323	0.351	0.380	26.41
17)	T	Methyl tert-butyl E	0.729	0.729	0.612	0.737	0.837	0.729	10.94
18)	T	trans-1,2-Dichloroe	0.370	0.331	0.298	0.353	0.394	0.349	10.52
19)	T	1,1-Dichloroethane	0.676	0.645	0.561	0.665	0.740	0.657	9.79
20)	S	2-Butanone-d5	0.076	0.082	0.071	0.080	0.099	0.082	12.84
21)	T	2-Butanone	0.068	0.081	0.071	0.088	0.102	0.082	16.57
22)	T	cis-1,2-Dichloroeth	0.387	0.359	0.319	0.387	0.444	0.379	12.06
23)	T	Bromochloromethane	0.166	0.162	0.138	0.163	0.182	0.162	9.87
24)	S	Chloroform-d	0.675	0.611	0.539	0.575	0.681	0.616	10.10
25)	T	Chloroform	0.868	0.746	0.585	0.673	0.747	0.724	14.43
26)	S	1,2-Dichloroethane-	0.317	0.297	0.261	0.274	0.326	0.295	9.42
27)	T	1,2-Dichloroethane	0.382	0.371	0.326	0.386	0.432	0.380	10.03
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	0.590	0.508	0.467	0.555	0.632	0.550	11.81
30)	T	Cyclohexane	0.507	0.461	0.471	0.600	0.701	0.548	18.53
31)	T	Carbon tetrachlorid	0.509	0.447	0.413	0.493	0.561	0.485	11.75
32)	S	Benzene-d6	1.239	1.125	1.070	1.152	1.390	1.195	10.44
33)	T	Benzene	1.484	1.302	1.284	1.525	1.711	1.461	12.04
34)	T	Trichloroethene	0.446	0.378	0.338	0.402	0.456	0.404	12.09
35)	T	Methylcyclohexane	0.548	0.463	0.490	0.618	0.734	0.571	19.13
36)	S	1,2-Dichloropropane	0.404	0.354	0.337	0.362	0.440	0.379	10.97
37)	T	1,2-Dichloropropane	0.349	0.342	0.318	0.379	0.432	0.364	12.03
38)	T	Bromodichloromethan	0.512	0.442	0.396	0.467	0.541	0.471	12.15
39)	T	cis-1,3-Dichloropro	0.449	0.396	0.410	0.515	0.618	0.478	19.05
40)	T	4-Methyl-2-pentanon	0.171	0.177	0.177	0.225	0.258	0.202	19.07
41)	S	Toluene-d8	1.042	0.942	0.997	1.074	1.298	1.071	12.74
42)	T	Toluene	1.424	1.304	1.369	1.645	1.850	1.518	14.84
43)	S	trans-1,3-Dichlorop	0.129	0.116	0.116	0.127	0.164	0.130	15.23
44)	T	trans-1,3-Dichlorop	0.334	0.302	0.308	0.391	0.466	0.360	19.03
45)	T	1,1,2-Trichloroetha	0.253	0.244	0.218	0.260	0.293	0.254	10.64
46)	S	2-Hexanone-d5	0.036	0.037	0.044	0.055	0.074	0.049	31.81
47)	T	Tetrachloroethene	0.340	0.287	0.270	0.321	0.367	0.317	12.41
48)	T	2-Hexanone	0.118	0.125	0.132	0.162	0.184	0.144	19.32
49)	T	Dibromochloromethan	0.301	0.278	0.257	0.314	0.359	0.302	12.84
50)	T	1,2-Dibromoethane	0.220	0.213	0.192	0.231	0.267	0.225	12.17
51)	T	Chlorobenzene	1.022	0.894	0.861	1.034	1.179	0.998	12.67
52)	T	Ethylbenzene	1.525	1.343	1.431	1.790	2.074	1.633	18.27

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		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	m,p-xylene	0.541	0.507	0.551	0.687	0.801	0.617	20.00
54)	T	o-xylene	0.520	0.465	0.526	0.667	0.778	0.591	21.77
55)	T	Styrene	0.790	0.757	0.913	1.139	1.317	0.983	24.32
56)	T	Isopropylbenzene	1.379	1.209	1.398	1.768	2.076	1.566	22.38
57)	S	1,1,2,2-Tetrachloro	0.267	0.261	0.243	0.266	0.324	0.272	11.24
58)	T	1,1,2,2-Tetrachloro	0.230	0.239	0.217	0.268	0.310	0.253	14.61
59)		1,2,3-Trichloroprop	0.214	0.206	0.183	0.221	0.250	0.215	11.27
60)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------				
61)	T	Bromoform	0.348	0.343	0.265	0.326	0.384	0.333	13.06
62)	T	1,3-Dichlorobenzene	1.594	1.413	1.330	1.588	1.821	1.549	12.25
63)	T	1,4-Dichlorobenzene	1.706	1.440	1.308	1.570	1.794	1.564	12.54
64)	S	1,2-Dichlorobenzene	0.947	0.833	0.735	0.790	0.973	0.855	11.91
65)	T	1,2-Dichlorobenzene	1.560	1.366	1.218	1.466	1.683	1.459	12.24
66)	T	1,2-Dibromo-3-chlor	0.072	0.075	0.061	0.079	0.092	0.076	14.74
67)		1,3,5-Trichlorobenz	1.259	1.036	0.977	1.181	1.413	1.173	14.90
68)	T	1,2,4-trichlorobenz	0.954	0.799	0.754	0.961	1.176	0.929	17.88
69)		Naphthalene	1.188	1.101	1.123	1.582	2.026	1.404	28.40
70)	T	1,2,3-Trichlorobenz	0.857	0.749	0.738	0.938	1.096	0.876	16.93

(#) = Out of Range