Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA V\METHOD\
Method File : SOMVTR050520WMA.M
Title : TRACE VOA SOM01.0
Last Update : Tue May 05 17:59:17 2020
Response Via : Initial Calibration

Calibration Files
0.5 =VV015893.D 1 =VV015894.D 5 =VV015895.D
10 =VV015896.D 20 =VV015897.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.409	0.386	0.403	0.385	0.417	0.400	3.49
3)	T	Chloromethane	0.421	0.398	0.392	0.380	0.404	0.399	3.77
4)	S	Vinyl Chloride-d3	0.320	0.277	0.297	0.312	0.331	0.307	6.81
5)	T	Vinyl chloride	0.391	0.367	0.384	0.369	0.400	0.382	3.75
6)	T	Bromomethane	0.219	0.202	0.207	0.205	0.226	0.212	4.81
7)	S	Chloroethane-d5	0.306	0.235	0.260	0.274	0.294	0.273	10.21
8)	T	Chloroethane	0.261	0.217	0.223	0.220	0.240	0.233	7.92
9)	T	Trichlorofluorometh	0.528	0.491	0.520	0.501	0.533	0.515	3.46
10)	T	1,1,2-Trichloro-1,2	0.304	0.281	0.295	0.285	0.302	0.293	3.47
11)	S	1,1-Dichloroethene-	0.643	0.571	0.607	0.618	0.656	0.619	5.34
12)	T	1,1-Dichloroethene	0.309	0.270	0.272	0.266	0.284	0.280	6.26
13)	T	Acetone	0.045	0.041	0.052	0.051	0.056	0.049	12.20
14)	T	Carbon disulfide	0.891	0.834	0.918	0.919	1.009	0.914	6.91
15)	T	Methyl Acetate	0.096	0.085	0.122	0.128	0.141	0.114	20.29
16)	T	Methylene chloride	0.607	0.390	0.333	0.313	0.331	0.395	30.84
17)	T	Methyl tert-butyl E	0.754	0.699	0.748	0.723	0.789	0.743	4.53
18)	T	trans-1,2-Dichloroe	0.313	0.305	0.317	0.308	0.334	0.315	3.63
19)	T	1,1-Dichloroethane	0.613	0.581	0.604	0.581	0.628	0.601	3.40
20)	S	2-Butanone-d5	0.071	0.067	0.081	0.084	0.094	0.080	13.54
21)	T	2-Butanone	0.084	0.065	0.083	0.082	0.095	0.082	13.09
22)	T	cis-1,2-Dichloroeth	0.336	0.311	0.323	0.321	0.350	0.328	4.66
23)	T	Bromochloromethane	0.135	0.131	0.138	0.134	0.146	0.137	4.04
24)	S	Chloroform-d	0.588	0.519	0.587	0.632	0.689	0.603	10.44
25)	T	Chloroform	0.681	0.636	0.658	0.634	0.663	0.654	2.97
26)	S	1,2-Dichloroethane-	0.351	0.311	0.349	0.358	0.379	0.350	7.11
27)	T	1,2-Dichloroethane	0.394	0.393	0.413	0.397	0.430	0.405	3.90
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	0.568	0.536	0.578	0.568	0.602	0.570	4.19
30)	T	Cyclohexane	0.576	0.546	0.584	0.583	0.629	0.584	5.08
31)	T	Carbon tetrachlorid	0.497	0.457	0.492	0.482	0.522	0.490	4.85
32)	S	Benzene-d6	1.212	1.125	1.241	1.306	1.374	1.252	7.53
33)	T	Benzene	1.251	1.254	1.345	1.314	1.387	1.310	4.47
34)	T	Trichloroethene	0.357	0.333	0.366	0.352	0.374	0.357	4.32
35)	T	Methylcyclohexane	0.579	0.543	0.587	0.578	0.630	0.583	5.35
36)	S	1,2-Dichloropropane	0.377	0.342	0.378	0.396	0.418	0.382	7.39
37)	T	1,2-Dichloropropane	0.337	0.288	0.337	0.328	0.348	0.328	7.12
38)	T	Bromodichloromethan	0.398	0.370	0.419	0.414	0.452	0.410	7.35
39)	T	cis-1,3-Dichloropro	0.396	0.405	0.478	0.485	0.542	0.461	13.14
40)	T	4-Methyl-2-pentanon	0.190	0.190	0.222	0.211	0.233	0.209	9.21
41)	S	Toluene-d8	1.094	1.003	1.174	1.242	1.319	1.166	10.59
42)	T	Toluene	1.342	1.287	1.426	1.409	1.508	1.394	6.06
43)	S	trans-1,3-Dichlorop	0.128	0.121	0.156	0.164	0.182	0.150	17.08
44)	T	trans-1,3-Dichlorop	0.350	0.319	0.408	0.414	0.459	0.390	14.22
45)	T	1,1,2-Trichloroetha	0.223	0.205	0.229	0.216	0.230	0.221	4.61
46)	S	2-Hexanone-d5	0.055	0.053	0.069	0.073	0.083	0.066	18.69
47)	T	Tetrachloroethene	0.273	0.251	0.267	0.264	0.275	0.266	3.58
48)	T	2-Hexanone	0.125	0.124	0.158	0.154	0.169	0.146	13.90
49)	T	Dibromochloromethan	0.217	0.205	0.245	0.248	0.275	0.238	11.61
50)	T	1,2-Dibromoethane	0.203	0.196	0.211	0.207	0.224	0.208	4.97
51)	T	Chlorobenzene	0.879	0.852	0.912	0.881	0.939	0.892	3.76
52)	T	Ethylbenzene	1.500	1.449	1.633	1.611	1.741	1.587	7.26

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		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	m,p-xylene	0.557	0.533	0.611	0.606	0.662	0.594	8.45
54)	T	o-xylene	0.536	0.495	0.584	0.580	0.629	0.565	9.08
55)	T	Styrene	0.840	0.817	0.988	0.992	1.085	0.944	11.97
56)	T	Isopropylbenzene	1.441	1.386	1.592	1.611	1.738	1.554	9.06
57)	S	1,1,2,2-Tetrachloro	0.263	0.250	0.273	0.287	0.308	0.276	8.19
58)	T	1,1,2,2-Tetrachloro	0.242	0.235	0.263	0.252	0.279	0.254	6.82
59)		1,2,3-Trichloroprop	0.198	0.189	0.206	0.198	0.214	0.201	4.71
60)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------				
61)	T	Bromoform	0.172	0.199	0.214	0.227	0.255	0.213	14.52
62)	T	1,3-Dichlorobenzene	1.412	1.356	1.418	1.393	1.482	1.412	3.27
63)	T	1,4-Dichlorobenzene	1.414	1.309	1.409	1.380	1.487	1.400	4.58
64)	S	1,2-Dichlorobenzene	0.853	0.738	0.813	0.851	0.907	0.833	7.50
65)	T	1,2-Dichlorobenzene	1.302	1.215	1.291	1.255	1.338	1.280	3.69
66)	T	1,2-Dibromo-3-chlor	0.099	0.076	0.087	0.088	0.095	0.089	10.00
67)		1,3,5-Trichlorobenz	1.046	0.996	1.051	1.033	1.127	1.051	4.56
68)	T	1,2,4-trichlorobenz	0.860	0.782	0.894	0.897	0.986	0.884	8.36
69)		Naphthalene	1.271	1.265	1.563	1.577	1.794	1.494	15.11
70)	T	1,2,3-Trichlorobenz	0.744	0.739	0.806	0.803	0.865	0.792	6.55

(#) = Out of Range