Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\
Method File : SOMVTR022820WMA.M
Title : TRACE VOA SOM01.0
Last Update : Fri Feb 28 23:00:21 2020
Response Via : Initial Calibration

Calibration Files
0.5 =VV014710.D 1 =VV014711.D 5 =VV014712.D
10 =VV014713.D 20 =VV014714.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.548	0.523	0.547	0.522	0.605	0.549	6.10
3)	T	Chloromethane	0.504	0.488	0.505	0.475	0.556	0.506	6.04
4)	S	Vinyl Chloride-d3	0.351	0.376	0.402	0.420	0.409	0.391	7.08
5)	T	Vinyl chloride	0.446	0.443	0.467	0.445	0.523	0.465	7.34
6)	T	Bromomethane	0.256	0.248	0.264	0.251	0.290	0.262	6.37
7)	S	Chloroethane-d5	0.300	0.285	0.310	0.319	0.316	0.306	4.51
8)	T	Chloroethane	0.282	0.239	0.261	0.244	0.276	0.260	7.31
9)	T	Trichlorofluorometh	0.635	0.607	0.636	0.596	0.692	0.633	5.92
10)	T	1,1,2-Trichloro-1,2	0.329	0.308	0.335	0.314	0.370	0.331	7.29
11)	S	1,1-Dichloroethene-	0.619	0.644	0.676	0.690	0.701	0.666	5.09
12)	T	1,1-Dichloroethene	0.301	0.292	0.323	0.304	0.357	0.315	8.21
13)	T	Acetone	0.055	0.048	0.057	0.052	0.061	0.054	8.86
14)	T	Carbon disulfide	1.093	0.976	1.076	1.023	1.204	1.074	7.98
15)	T	Methyl Acetate	0.099	0.116	0.145	0.142	0.188	0.138	24.49
16)	T	Methylene chloride	0.457	0.374	0.381	0.353	0.406	0.394	10.08
17)	T	Methyl tert-butyl E	0.821	0.770	0.885	0.826	0.985	0.857	9.58
18)	T	trans-1,2-Dichloroe	0.376	0.363	0.383	0.361	0.422	0.381	6.45
19)	T	1,1-Dichloroethane	0.740	0.698	0.754	0.712	0.821	0.745	6.42
20)	S	2-Butanone-d5	0.063	0.066	0.089	0.092	0.095	0.081	18.73
21)	T	2-Butanone	0.077	0.072	0.102	0.094	0.118	0.093	20.35
22)	T	cis-1,2-Dichloroeth	0.380	0.392	0.414	0.388	0.461	0.407	7.99
23)	T	Bromochloromethane	0.159	0.153	0.165	0.158	0.182	0.163	6.80
24)	S	Chloroform-d	0.645	0.651	0.721	0.753	0.743	0.703	7.29
25)	T	Chloroform	0.752	0.690	0.732	0.686	0.796	0.731	6.25
26)	S	1,2-Dichloroethane-	0.314	0.314	0.356	0.372	0.366	0.345	8.27
27)	T	1,2-Dichloroethane	0.458	0.425	0.451	0.412	0.493	0.448	6.99
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	0.650	0.635	0.658	0.622	0.731	0.659	6.47
30)	T	Cyclohexane	0.734	0.692	0.745	0.697	0.842	0.742	8.14
31)	T	Carbon tetrachlorid	0.559	0.521	0.572	0.541	0.646	0.568	8.42
32)	S	Benzene-d6	1.291	1.388	1.489	1.541	1.539	1.450	7.47
33)	T	Benzene	1.573	1.559	1.678	1.560	1.839	1.642	7.36
34)	T	Trichloroethene	0.446	0.407	0.420	0.401	0.476	0.430	7.19
35)	T	Methylcyclohexane	0.702	0.689	0.742	0.689	0.835	0.731	8.47
36)	S	1,2-Dichloropropane	0.436	0.418	0.455	0.480	0.480	0.454	6.01
37)	T	1,2-Dichloropropane	0.420	0.382	0.428	0.392	0.475	0.419	8.73
38)	T	Bromodichloromethan	0.483	0.483	0.516	0.483	0.592	0.512	9.19
39)	T	cis-1,3-Dichloropro	0.544	0.554	0.601	0.604	0.736	0.608	12.61
40)	T	4-Methyl-2-pentanon	0.232	0.226	0.264	0.241	0.293	0.251	10.93
41)	S	Toluene-d8	1.225	1.252	1.361	1.431	1.431	1.340	7.29
42)	T	Toluene	1.632	1.622	1.789	1.674	1.976	1.739	8.54
43)	S	trans-1,3-Dichlorop	0.149	0.158	0.178	0.193	0.198	0.175	12.29
44)	T	trans-1,3-Dichlorop	0.424	0.415	0.484	0.461	0.573	0.471	13.38
45)	T	1,1,2-Trichloroetha	0.254	0.259	0.268	0.254	0.303	0.268	7.76
46)	S	2-Hexanone-d5	0.058	0.062	0.074	0.079	0.082	0.071	14.60
47)	T	Tetrachloroethene	0.330	0.336	0.341	0.326	0.387	0.344	7.19
48)	T	2-Hexanone	0.154	0.163	0.191	0.176	0.211	0.179	12.64
49)	T	Dibromochloromethan	0.268	0.272	0.307	0.294	0.373	0.303	14.00
50)	T	1,2-Dibromoethane	0.250	0.246	0.258	0.238	0.287	0.256	7.38
51)	T	Chlorobenzene	1.072	1.032	1.105	1.045	1.251	1.101	8.05
52)	T	Ethylbenzene	1.823	1.817	2.001	1.918	2.298	1.971	10.03

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		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	m,p-xylene	0.654	0.645	0.740	0.707	0.862	0.722	12.11
54)	T	o-xylene	0.633	0.644	0.720	0.684	0.833	0.703	11.47
55)	T	Styrene	1.032	1.036	1.229	1.178	1.427	1.180	13.81
56)	T	Isopropylbenzene	1.669	1.712	1.951	1.886	2.272	1.898	12.63
57)	S	1,1,2,2-Tetrachloro	0.316	0.295	0.326	0.335	0.350	0.325	6.39
58)	T	1,1,2,2-Tetrachloro	0.303	0.323	0.338	0.322	0.388	0.335	9.59
59)		1,2,3-Trichloroprop	0.243	0.227	0.247	0.229	0.279	0.245	8.55
60)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------				
61)	T	Bromoform	0.239	0.255	0.301	0.294	0.383	0.294	19.04
62)	T	1,3-Dichlorobenzene	1.581	1.615	1.747	1.632	1.972	1.709	9.32
63)	T	1,4-Dichlorobenzene	1.766	1.638	1.736	1.637	1.955	1.746	7.46
64)	S	1,2-Dichlorobenzene	0.895	0.860	0.928	0.972	0.987	0.928	5.66
65)	T	1,2-Dichlorobenzene	1.576	1.475	1.580	1.492	1.773	1.579	7.49
66)	T	1,2-Dibromo-3-chlor	0.113	0.095	0.100	0.093	0.123	0.105	12.08
67)		1,3,5-Trichlorobenz	1.264	1.305	1.417	1.332	1.617	1.387	10.10
68)	T	1,2,4-trichlorobenz	1.117	1.082	1.196	1.151	1.411	1.191	10.90
69)		Naphthalene	1.703	1.694	1.999	1.900	2.401	1.939	14.90
70)	T	1,2,3-Trichlorobenz	1.001	0.977	1.077	1.018	1.243	1.063	10.06

(#) = Out of Range