Response Factor Report VOC_U

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
Method File : SOMUTR101719WMA.M
Title : TRACE VOA SOM01.0
Last Update : Fri Oct 18 02:50:54 2019
Response Via : Initial Calibration

Calibration Files
0.5 =VU035207.D 1 =VU035208.D 5 =VU035203.D
10 =VU035204.D 20 =VU035205.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.434	0.405	0.420	0.403	0.466	0.426	6.10
3)	T	Chloromethane	0.454	0.426	0.402	0.383	0.445	0.422	6.96
4)	S	Vinyl Chloride-d3	0.319	0.309	0.310	0.324	0.264	0.305	7.83
5)	T	Vinyl chloride	0.445	0.397	0.427	0.418	0.480	0.434	7.23
6)	T	Bromomethane	0.254	0.215	0.246	0.246	0.318	0.256	14.78
7)	S	Chloroethane-d5	0.285	0.267	0.275	0.298	0.268	0.279	4.76
8)	T	Chloroethane	0.276	0.248	0.267	0.270	0.338	0.280	12.28
9)	T	Trichlorofluorometh	0.602	0.543	0.573	0.548	0.627	0.579	6.19
10)	T	1,1,2-Trichloro-1,2	0.341	0.311	0.333	0.320	0.362	0.333	5.89
11)	S	1,1-Dichloroethene-	0.571	0.565	0.571	0.584	0.527	0.564	3.87
12)	T	1,1-Dichloroethene	0.345	0.301	0.312	0.302	0.346	0.321	7.11
13)	T	Acetone	0.061	0.061	0.062	0.057	0.064	0.061	4.05
14)	T	Carbon disulfide	1.070	0.971	0.982	0.959	1.097	1.016	6.21
15)	T	Methyl Acetate	0.176	0.152	0.140	0.136	0.156	0.152	10.31
16)	T	Methylene chloride	0.472	0.400	0.347	0.333	0.380	0.386	14.15
17)	T	Methyl tert-butyl E	0.883	0.793	0.869	0.830	0.948	0.865	6.77
18)	T	trans-1,2-Dichloroe	0.351	0.326	0.346	0.330	0.379	0.347	6.09
19)	T	1,1-Dichloroethane	0.635	0.589	0.619	0.601	0.691	0.627	6.37
20)	S	2-Butanone-d5	0.089	0.088	0.093	0.093	0.075	0.088	8.42
21)	T	2-Butanone	0.097	0.096	0.099	0.096	0.108	0.099	5.26
22)	T	cis-1,2-Dichloroeth	0.395	0.351	0.375	0.367	0.427	0.383	7.62
23)	T	Bromochloromethane	0.163	0.156	0.164	0.160	0.182	0.165	6.01
24)	S	Chloroform-d	0.579	0.562	0.564	0.591	0.489	0.557	7.16
25)	T	Chloroform	0.788	0.676	0.657	0.621	0.698	0.688	9.10
26)	S	1,2-Dichloroethane-	0.332	0.322	0.309	0.321	0.259	0.309	9.37
27)	T	1,2-Dichloroethane	0.444	0.390	0.418	0.402	0.455	0.422	6.54
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	0.589	0.558	0.578	0.562	0.642	0.586	5.75
30)	T	Cyclohexane	0.652	0.582	0.623	0.597	0.683	0.627	6.53
31)	T	Carbon tetrachlorid	0.520	0.501	0.519	0.512	0.586	0.527	6.33
32)	S	Benzene-d6	1.126	1.182	1.189	1.226	0.994	1.144	7.96
33)	T	Benzene	1.479	1.381	1.472	1.419	1.605	1.471	5.77
34)	T	Trichloroethene	0.408	0.370	0.387	0.377	0.435	0.396	6.63
35)	T	Methylcyclohexane	0.672	0.619	0.653	0.630	0.731	0.661	6.69
36)	S	1,2-Dichloropropane	0.355	0.377	0.377	0.391	0.315	0.363	8.18
37)	T	1,2-Dichloropropane	0.387	0.341	0.368	0.361	0.410	0.373	6.98
38)	T	Bromodichloromethan	0.513	0.474	0.494	0.479	0.555	0.503	6.51
39)	T	cis-1,3-Dichloropro	0.613	0.581	0.619	0.611	0.701	0.625	7.23
40)	T	4-Methyl-2-pentanon	0.266	0.229	0.250	0.240	0.275	0.252	7.49
41)	S	Toluene-d8	1.110	1.104	1.134	1.172	0.949	1.094	7.78
42)	T	Toluene	1.648	1.526	1.612	1.562	1.773	1.624	5.86
43)	S	trans-1,3-Dichlorop	0.172	0.184	0.185	0.189	0.152	0.176	8.52
44)	T	trans-1,3-Dichlorop	0.508	0.481	0.505	0.491	0.570	0.511	6.80
45)	T	1,1,2-Trichloroetha	0.285	0.256	0.277	0.266	0.302	0.277	6.36
46)	S	2-Hexanone-d5	0.075	0.076	0.082	0.085	0.071	0.078	7.44
47)	T	Tetrachloroethene	0.340	0.313	0.320	0.314	0.361	0.330	6.23
48)	T	2-Hexanone	0.176	0.161	0.180	0.170	0.197	0.177	7.48
49)	T	Dibromochloromethan	0.340	0.327	0.351	0.343	0.397	0.352	7.64
50)	T	1,2-Dibromoethane	0.278	0.259	0.275	0.266	0.307	0.277	6.59
51)	T	Chlorobenzene	1.061	0.984	1.033	1.004	1.160	1.049	6.54
52)	T	Ethylbenzene	1.881	1.706	1.829	1.771	2.046	1.847	7.00

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		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	m,p-Xylene	0.705	0.646	0.693	0.668	0.774	0.697	6.99
54)	T	o-Xylene	0.682	0.635	0.671	0.655	0.759	0.681	6.94
55)	T	Styrene	1.038	0.996	1.118	1.102	1.287	1.108	10.06
56)	T	Isopropylbenzene	1.836	1.696	1.825	1.764	2.033	1.831	6.89
57)	S	1,1,2,2-Tetrachloro	0.336	0.330	0.331	0.340	0.281	0.324	7.44
58)	T	1,1,2,2-Tetrachloro	0.358	0.329	0.352	0.344	0.401	0.357	7.62
59)		1,2,3-Trichloroprop	0.263	0.250	0.259	0.244	0.285	0.260	5.97
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.533	0.440	0.444	0.417	0.481	0.463	9.78
62)	T	1,3-Dichlorobenzene	1.863	1.638	1.625	1.592	1.813	1.706	7.18
63)	T	1,4-Dichlorobenzene	1.835	1.606	1.601	1.564	1.782	1.678	7.27
64)	S	1,2-Dichlorobenzene	1.134	0.908	0.863	0.921	0.728	0.911	16.08
65)	T	1,2-Dichlorobenzene	1.806	1.509	1.525	1.481	1.693	1.603	8.78
66)	T	1,2-Dibromo-3-chlor	0.118	0.114	0.105	0.102	0.126	0.113	8.76
67)		1,3,5-Trichlorobenz	0.938	0.920	1.038	1.085	1.305	1.057	14.62
68)	T	1,2,4-trichlorobenz	0.466	0.506	0.654	0.799	1.095	0.704	36.24
69)		Naphthalene	0.737	0.713	0.744	1.028	1.609	0.966	39.51
70)	T	1,2,3-Trichlorobenz	0.501	0.500	0.611	0.723	0.957	0.658	28.98

(#) = Out of Range