Response Factor Report VOC_U

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
Method File : SOMUTR080320WMA.M
Title : TRACE VOA SOM01.0
Last Update : Mon Aug 03 17:44:09 2020
Response Via : Initial Calibration

Calibration Files
0.5 =VU039735.D 1 =VU039736.D 5 =VU039737.D
10 =VU039738.D 20 =VU039739.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.442	0.417	0.379	0.392	0.385	0.403	6.49
3)	T	Chloromethane	0.469	0.474	0.399	0.388	0.390	0.424	10.25
4)	S	Vinyl Chloride-d3	0.203	0.270	0.270	0.308	0.299	0.270	15.25
5)	T	Vinyl chloride	0.417	0.416	0.381	0.417	0.402	0.407	3.82
6)	T	Bromomethane	0.235	0.284	0.248	0.257	0.263	0.257	7.04
7)	S	Chloroethane-d5	0.251	0.272	0.270	0.316	0.350	0.292	13.75
8)	T	Chloroethane	0.310	0.313	0.278	0.274	0.316	0.298	6.90
9)	T	Trichlorofluorometh	0.633	0.649	0.618	0.634	0.626	0.632	1.83
10)	T	1,1,2-Trichloro-1,2	0.383	0.342	0.311	0.335	0.344	0.343	7.65
11)	S	1,1-Dichloroethene-	0.507	0.490	0.531	0.599	0.592	0.544	9.12
12)	T	1,1-Dichloroethene	0.309	0.303	0.279	0.293	0.306	0.298	4.03
13)	T	Acetone	0.082	0.077	0.063	0.065	0.064	0.070	12.57
14)	T	Carbon disulfide	0.962	0.940	0.861	0.947	0.954	0.933	4.41
15)	T	Methyl Acetate	0.185	0.185	0.163	0.169	0.161	0.173	6.75
16)	T	Methylene chloride	0.762	0.551	0.362	0.370	0.359	0.481	36.82
17)	T	Methyl tert-butyl E	0.773	0.758	0.768	0.831	0.830	0.792	4.49
18)	T	trans-1,2-Dichloroe	0.363	0.338	0.308	0.327	0.325	0.332	6.10
19)	T	1,1-Dichloroethane	0.653	0.628	0.581	0.606	0.596	0.613	4.61
20)	S	2-Butanone-d5	0.106	0.116	0.116	0.130	0.126	0.119	8.29
21)	T	2-Butanone	0.101	0.118	0.110	0.113	0.110	0.110	5.63
22)	T	cis-1,2-Dichloroeth	0.365	0.355	0.356	0.368	0.362	0.361	1.53
23)	T	Bromochloromethane	0.168	0.164	0.171	0.174	0.172	0.170	2.39
24)	S	Chloroform-d	0.598	0.708	0.647	0.720	0.698	0.674	7.55
25)	T	Chloroform	0.712	0.674	0.637	0.647	0.625	0.659	5.26
26)	S	1,2-Dichloroethane-	0.347	0.442	0.389	0.421	0.409	0.402	8.94
27)	T	1,2-Dichloroethane	0.475	0.449	0.440	0.466	0.441	0.454	3.43
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	0.524	0.563	0.552	0.567	0.583	0.558	3.95
30)	T	Cyclohexane	0.484	0.561	0.516	0.548	0.574	0.537	6.82
31)	T	Carbon tetrachlorid	0.529	0.503	0.493	0.510	0.524	0.512	2.92
32)	S	Benzene-d6	1.009	1.183	1.179	1.282	1.291	1.189	9.53
33)	T	Benzene	1.268	1.442	1.347	1.370	1.385	1.362	4.64
34)	T	Trichloroethene	0.348	0.355	0.353	0.358	0.356	0.354	1.10
35)	T	Methylcyclohexane	0.532	0.541	0.569	0.577	0.604	0.565	5.12
36)	S	1,2-Dichloropropane	0.371	0.432	0.394	0.412	0.427	0.407	6.15
37)	T	1,2-Dichloropropane	0.348	0.385	0.351	0.358	0.368	0.362	4.21
38)	T	Bromodichloromethan	0.475	0.477	0.455	0.475	0.485	0.473	2.41
39)	T	cis-1,3-Dichloropro	0.450	0.454	0.482	0.528	0.552	0.493	9.18
40)	T	4-Methyl-2-pentanon	0.242	0.271	0.271	0.283	0.286	0.270	6.50
41)	S	Toluene-d8	0.921	1.048	1.059	1.130	1.121	1.056	7.93
42)	T	Toluene	1.393	1.447	1.403	1.462	1.453	1.432	2.19
43)	S	trans-1,3-Dichlorop	0.114	0.151	0.158	0.175	0.182	0.156	16.93
44)	T	trans-1,3-Dichlorop	0.393	0.401	0.451	0.480	0.497	0.445	10.47
45)	T	1,1,2-Trichloroetha	0.251	0.282	0.281	0.273	0.273	0.272	4.62
46)	S	2-Hexanone-d5	0.064	0.078	0.085	0.095	0.102	0.085	17.51
47)	T	Tetrachloroethene	0.305	0.300	0.275	0.292	0.288	0.292	4.03
48)	T	2-Hexanone	0.178	0.190	0.198	0.203	0.207	0.195	5.71
49)	T	Dibromochloromethan	0.303	0.331	0.333	0.349	0.352	0.334	5.84
50)	T	1,2-Dibromoethane	0.241	0.272	0.273	0.276	0.273	0.267	5.45
51)	T	Chlorobenzene	0.922	1.025	0.950	0.949	0.963	0.962	3.98
52)	T	Ethylbenzene	1.530	1.568	1.584	1.652	1.677	1.602	3.80

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		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	m,p-Xylene	0.536	0.591	0.626	0.647	0.650	0.610	7.83
54)	T	o-Xylene	0.580	0.546	0.613	0.618	0.631	0.597	5.76
55)	T	Styrene	0.873	0.972	1.026	1.069	1.091	1.006	8.69
56)	T	Isopropylbenzene	1.449	1.550	1.607	1.679	1.699	1.597	6.36
57)	S	1,1,2,2-Tetrachloro	0.356	0.414	0.375	0.421	0.414	0.396	7.31
58)	T	1,1,2,2-Tetrachloro	0.362	0.406	0.368	0.375	0.362	0.374	4.90
59)		1,2,3-Trichloroprop	0.241	0.286	0.258	0.259	0.260	0.261	6.11
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.305	0.340	0.332	0.342	0.370	0.338	6.85
62)	T	1,3-Dichlorobenzene	1.383	1.579	1.443	1.451	1.462	1.463	4.87
63)	T	1,4-Dichlorobenzene	1.606	1.616	1.520	1.509	1.462	1.543	4.30
64)	S	1,2-Dichlorobenzene	0.731	0.897	0.865	0.896	0.890	0.856	8.29
65)	T	1,2-Dichlorobenzene	1.488	1.519	1.403	1.416	1.383	1.442	4.07
66)	T	1,2-Dibromo-3-chlor	0.085	0.121	0.109	0.114	0.116	0.109	12.67
67)		1,3,5-Trichlorobenz	1.105	1.137	1.057	1.125	1.121	1.109	2.82
68)	T	1,2,4-trichlorobenz	0.876	0.886	0.927	0.972	0.987	0.929	5.36
69)		Naphthalene	1.215	1.506	1.663	1.933	1.992	1.662	19.18
70)	T	1,2,3-Trichlorobenz	0.692	0.767	0.881	0.915	0.914	0.834	12.00

(#) = Out of Range