Response Factor Report VOC_U

Method Path : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\
Method File : SOMUTR032820WMA.M
Title : TRACE VOA SOM01.0
Last Update : Sat Mar 28 12:50:53 2020
Response Via : Initial Calibration

Calibration Files
0.5 =VU037410.D 1 =VU037411.D 5 =VU037412.D
10 =VU037413.D 20 =VU037414.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.445	0.454	0.395	0.398	0.405	0.420	6.65
3)	T	Chloromethane	0.397	0.403	0.352	0.347	0.361	0.372	7.02
4)	S	Vinyl Chloride-d3	0.425	0.374	0.337	0.351	0.358	0.369	9.16
5)	T	Vinyl chloride	0.402	0.408	0.387	0.377	0.384	0.391	3.26
6)	T	Bromomethane	0.263	0.233	0.218	0.201	0.189	0.221	13.04
7)	S	Chloroethane-d5	0.342	0.284	0.272	0.250	0.235	0.277	15.00
8)	T	Chloroethane	0.271	0.259	0.203	0.188	0.171	0.218	20.13
9)	T	Trichlorofluorometh	0.529	0.544	0.512	0.507	0.527	0.524	2.82
10)	T	1,1,2-Trichloro-1,2	0.333	0.330	0.303	0.311	0.319	0.319	3.95
11)	S	1,1-Dichloroethene-	0.751	0.737	0.698	0.697	0.721	0.721	3.30
12)	T	1,1-Dichloroethene	0.356	0.358	0.312	0.303	0.315	0.329	7.96
13)	T	Acetone	0.066	0.060	0.054	0.054	0.055	0.058	8.92
14)	T	Carbon disulfide	1.192	1.180	1.085	1.067	1.102	1.125	5.06
15)	T	Methyl Acetate	0.221	0.148	0.146	0.143	0.149	0.161	20.71
16)	T	Methylene chloride	0.436	0.386	0.342	0.330	0.343	0.367	11.97
17)	T	Methyl tert-butyl E	0.939	0.907	0.886	0.852	0.889	0.895	3.52
18)	T	trans-1,2-Dichloroe	0.331	0.359	0.350	0.334	0.346	0.344	3.35
19)	T	1,1-Dichloroethane	0.680	0.657	0.620	0.617	0.639	0.643	4.10
20)	S	2-Butanone-d5	0.108	0.097	0.099	0.098	0.101	0.101	4.18
21)	T	2-Butanone	0.100	0.103	0.097	0.094	0.098	0.098	3.04
22)	T	cis-1,2-Dichloroeth	0.407	0.421	0.366	0.359	0.374	0.385	7.03
23)	T	Bromochloromethane	0.192	0.167	0.162	0.161	0.169	0.170	7.39
24)	S	Chloroform-d	0.806	0.734	0.691	0.698	0.719	0.730	6.33
25)	T	Chloroform	0.775	0.692	0.641	0.629	0.644	0.676	8.95
26)	S	1,2-Dichloroethane-	0.461	0.409	0.374	0.376	0.386	0.401	9.05
27)	T	1,2-Dichloroethane	0.496	0.461	0.435	0.428	0.439	0.452	6.08
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	0.647	0.657	0.606	0.596	0.636	0.628	4.15
30)	T	Cyclohexane	0.679	0.702	0.588	0.617	0.633	0.644	7.21
31)	T	Carbon tetrachlorid	0.566	0.554	0.513	0.526	0.553	0.543	4.10
32)	S	Benzene-d6	1.616	1.426	1.335	1.397	1.450	1.445	7.26
33)	T	Benzene	1.539	1.566	1.404	1.414	1.480	1.481	4.91
34)	T	Trichloroethene	0.486	0.448	0.381	0.386	0.408	0.422	10.55
35)	T	Methylcyclohexane	0.762	0.702	0.602	0.622	0.649	0.667	9.73
36)	S	1,2-Dichloropropane	0.557	0.489	0.433	0.443	0.469	0.478	10.28
37)	T	1,2-Dichloropropane	0.403	0.373	0.376	0.374	0.388	0.383	3.38
38)	T	Bromodichloromethan	0.541	0.542	0.494	0.510	0.531	0.523	3.99
39)	T	cis-1,3-Dichloropro	0.636	0.635	0.598	0.607	0.645	0.624	3.26
40)	T	4-Methyl-2-pentanon	0.276	0.261	0.244	0.238	0.255	0.255	5.83
41)	S	Toluene-d8	1.546	1.365	1.260	1.308	1.373	1.370	7.90
42)	T	Toluene	1.680	1.630	1.524	1.533	1.612	1.596	4.17
43)	S	trans-1,3-Dichlorop	0.269	0.230	0.199	0.209	0.217	0.225	12.05
44)	T	trans-1,3-Dichlorop	0.585	0.569	0.537	0.537	0.562	0.558	3.73
45)	T	1,1,2-Trichloroetha	0.332	0.290	0.264	0.269	0.276	0.286	9.56
46)	S	2-Hexanone-d5	0.096	0.089	0.085	0.086	0.091	0.089	5.13
47)	T	Tetrachloroethene	0.288	0.303	0.280	0.282	0.301	0.290	3.68
48)	T	2-Hexanone	0.198	0.183	0.178	0.174	0.185	0.184	5.03
49)	T	Dibromochloromethan	0.362	0.358	0.337	0.343	0.366	0.353	3.59
50)	T	1,2-Dibromoethane	0.298	0.284	0.261	0.265	0.280	0.278	5.40
51)	T	Chlorobenzene	1.397	1.144	0.981	0.970	1.020	1.102	16.19
52)	T	Ethylbenzene	1.957	1.887	1.736	1.744	1.833	1.831	5.15

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		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	m,p-Xylene	0.718	0.712	0.663	0.670	0.696	0.692	3.58
54)	T	o-Xylene	0.706	0.708	0.630	0.653	0.680	0.675	5.00
55)	T	Styrene	1.221	1.168	1.099	1.104	1.177	1.154	4.49
56)	T	Isopropylbenzene	1.875	1.869	1.721	1.725	1.807	1.799	4.15
57)	S	1,1,2,2-Tetrachloro	0.499	0.397	0.360	0.365	0.385	0.401	14.08
58)	T	1,1,2,2-Tetrachloro	0.384	0.381	0.360	0.341	0.363	0.365	4.78
59)		1,2,3-Trichloroprop	0.300	0.272	0.248	0.250	0.262	0.266	7.95
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.422	0.411	0.399	0.409	0.436	0.416	3.40
62)	T	1,3-Dichlorobenzene	1.722	1.681	1.541	1.516	1.580	1.608	5.57
63)	T	1,4-Dichlorobenzene	2.066	1.824	1.581	1.528	1.585	1.717	13.19
64)	S	1,2-Dichlorobenzene	1.134	0.982	0.911	0.942	0.955	0.985	8.85
65)	T	1,2-Dichlorobenzene	1.733	1.663	1.458	1.433	1.474	1.552	8.76
66)	T	1,2-Dibromo-3-chlor	0.123	0.138	0.141	0.135	0.146	0.137	6.40
67)		1,3,5-Trichlorobenz	1.350	1.269	1.188	1.187	1.241	1.247	5.43
68)	T	1,2,4-trichlorobenz	1.346	1.248	1.140	1.113	1.163	1.202	7.91
69)		Naphthalene	2.504	2.433	2.215	2.202	2.313	2.333	5.70
70)	T	1,2,3-Trichlorobenz	1.180	1.150	1.011	1.015	1.049	1.081	7.31

(#) = Out of Range