Response Factor Report VOC_U

Method Path : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\
Method File : SOMUTR092920WMA.M
Title : TRACE VOA SOM01.0
Last Update : Wed Sep 30 01:20:57 2020
Response Via : Initial Calibration

Calibration Files
0.5 =VU040347.D 1 =VU040348.D 5 =VU040349.D
10 =VU040350.D 20 =VU040351.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.488	0.479	0.513	0.520	0.507	0.501	3.52
3)	T	Chloromethane	0.497	0.497	0.499	0.490	0.476	0.492	1.93
4)	S	Vinyl Chloride-d3	0.269	0.226	0.244	0.249	0.249	0.248	6.21
5)	T	Vinyl chloride	0.476	0.467	0.487	0.498	0.489	0.483	2.49
6)	T	Bromomethane	0.213	0.225	0.241	0.251	0.245	0.235	6.65
7)	S	Chloroethane-d5	0.231	0.212	0.220	0.219	0.201	0.217	5.05
8)	T	Chloroethane	0.300	0.283	0.301	0.286	0.262	0.286	5.46
9)	T	Trichlorofluorometh	0.679	0.642	0.669	0.673	0.671	0.667	2.15
10)	T	1,1,2-Trichloro-1,2	0.451	0.395	0.430	0.431	0.421	0.426	4.78
11)	S	1,1-Dichloroethene-	0.582	0.566	0.599	0.614	0.614	0.595	3.53
12)	T	1,1-Dichloroethene	0.376	0.354	0.393	0.391	0.390	0.381	4.36
13)	T	Acetone	0.107	0.100	0.100	0.106	0.099	0.102	3.48
14)	T	Carbon disulfide	1.207	1.142	1.236	1.226	1.208	1.204	3.06
15)	T	Methyl Acetate	0.252	0.251	0.246	0.245	0.239	0.247	2.13
16)	T	Methylene chloride	0.605	0.457	0.456	0.442	0.432	0.478	14.94
17)	T	Methyl tert-butyl E	0.978	0.979	1.053	1.105	1.130	1.049	6.70
18)	T	trans-1,2-Dichloroe	0.357	0.386	0.410	0.411	0.404	0.394	5.84
19)	T	1,1-Dichloroethane	0.802	0.771	0.830	0.829	0.809	0.808	3.00
20)	S	2-Butanone-d5	0.117	0.112	0.125	0.131	0.131	0.123	7.02
21)	T	2-Butanone	0.152	0.155	0.170	0.174	0.172	0.164	6.26
22)	T	cis-1,2-Dichloroeth	0.419	0.399	0.455	0.456	0.450	0.436	5.82
23)	T	Bromochloromethane	0.185	0.194	0.208	0.209	0.202	0.199	5.01
24)	S	Chloroform-d	0.577	0.561	0.586	0.615	0.607	0.589	3.77
25)	T	Chloroform	0.820	0.787	0.858	0.838	0.818	0.824	3.19
26)	S	1,2-Dichloroethane-	0.383	0.348	0.355	0.361	0.347	0.359	4.03
27)	T	1,2-Dichloroethane	0.548	0.561	0.583	0.582	0.580	0.571	2.73
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	0.654	0.618	0.705	0.713	0.725	0.683	6.66
30)	T	Cyclohexane	0.606	0.617	0.721	0.780	0.809	0.707	13.14
31)	T	Carbon tetrachlorid	0.541	0.536	0.606	0.614	0.630	0.586	7.47
32)	S	Benzene-d6	0.939	0.925	1.014	1.075	1.072	1.005	7.06
33)	T	Benzene	1.530	1.538	1.753	1.771	1.791	1.676	7.81
34)	T	Trichloroethene	0.432	0.419	0.450	0.459	0.465	0.445	4.31
35)	T	Methylcyclohexane	0.565	0.526	0.675	0.733	0.765	0.653	15.93
36)	S	1,2-Dichloropropane	0.363	0.349	0.368	0.377	0.382	0.368	3.46
37)	T	1,2-Dichloropropane	0.444	0.444	0.472	0.485	0.489	0.467	4.66
38)	T	Bromodichloromethan	0.529	0.529	0.603	0.603	0.617	0.576	7.56
39)	T	cis-1,3-Dichloropro	0.501	0.542	0.649	0.707	0.731	0.626	16.16
40)	T	4-Methyl-2-pentanon	0.297	0.313	0.392	0.410	0.416	0.366	15.32
41)	S	Toluene-d8	0.764	0.776	0.924	0.959	0.943	0.873	10.90
42)	T	Toluene	1.455	1.562	1.837	1.868	1.873	1.719	11.41
43)	S	trans-1,3-Dichlorop	0.139	0.138	0.145	0.163	0.165	0.150	8.71
44)	T	trans-1,3-Dichlorop	0.464	0.510	0.597	0.647	0.669	0.577	15.27
45)	T	1,1,2-Trichloroetha	0.294	0.311	0.343	0.343	0.344	0.327	7.08
46)	S	2-Hexanone-d5	0.066	0.073	0.091	0.104	0.107	0.088	20.77
47)	T	Tetrachloroethene	0.300	0.290	0.319	0.338	0.333	0.316	6.57
48)	T	2-Hexanone	0.217	0.236	0.286	0.303	0.305	0.269	15.02
49)	T	Dibromochloromethan	0.331	0.353	0.393	0.412	0.414	0.381	9.70
50)	T	1,2-Dibromoethane	0.261	0.306	0.335	0.331	0.336	0.314	10.15
51)	T	Chlorobenzene	1.012	1.027	1.169	1.169	1.179	1.111	7.57
52)	T	Ethylbenzene	1.509	1.625	1.964	2.092	2.136	1.865	15.14

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		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	m,p-Xylene	0.553	0.586	0.746	0.792	0.797	0.695	16.77
54)	T	o-Xylene	0.504	0.522	0.720	0.757	0.766	0.654	19.85
55)	T	Styrene	0.842	0.920	1.269	1.329	1.341	1.140	21.05
56)	T	Isopropylbenzene	1.320	1.468	1.917	2.038	2.078	1.764	19.69
57)	S	1,1,2,2-Tetrachloro	0.356	0.340	0.354	0.366	0.374	0.358	3.58
58)	T	1,1,2,2-Tetrachloro	0.409	0.433	0.457	0.459	0.460	0.444	4.99
59)		1,2,3-Trichloroprop	0.323	0.324	0.344	0.350	0.350	0.338	4.06
60)	I	1,4-Dichlorobenzene-d	----------	----------	ISTD	----------	----------	----------	
61)	T	Bromoform	0.397	0.396	0.411	0.424	0.438	0.413	4.30
62)	T	1,3-Dichlorobenzene	1.418	1.566	1.732	1.775	1.787	1.655	9.63
63)	T	1,4-Dichlorobenzene	1.594	1.677	1.751	1.786	1.800	1.722	4.98
64)	S	1,2-Dichlorobenzene	0.804	0.706	0.724	0.774	0.782	0.758	5.47
65)	T	1,2-Dichlorobenzene	1.430	1.557	1.659	1.702	1.699	1.609	7.22
66)	T	1,2-Dibromo-3-chlor	0.149	0.129	0.140	0.150	0.156	0.145	7.14
67)		1,3,5-Trichlorobenz	1.043	1.101	1.180	1.269	1.316	1.182	9.57
68)	T	1,2,4-trichlorobenz	0.719	0.783	0.978	1.103	1.165	0.950	20.48
69)		Naphthalene	0.942	1.068	1.680	2.109	2.316	1.623	37.63
70)	T	1,2,3-Trichlorobenz	0.646	0.711	0.914	1.011	1.062	0.869	21.06

(#) = Out of Range