Response Factor Report VOC_U

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
Method File : SOMUTR050819WMA.M
Title : TRACE VOA SOM01.0
Last Update : Thu May 09 02:03:40 2019
Response Via : Initial Calibration

Calibration Files
0.5 =VU031813.D 1 =VU031814.D 5 =VU031815.D
10 =VU031816.D 20 =VU031817.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.621	0.587	0.569	0.567	0.534	0.576	5.49
3)	T	Chloromethane	0.784	0.692	0.655	0.674	0.626	0.686	8.75
4)	S	Vinyl Chloride-d3	0.337	0.355	0.348	0.342	0.322	0.341	3.69
5)	T	Vinyl chloride	0.706	0.607	0.576	0.575	0.535	0.600	10.75
6)	T	Bromomethane	0.300	0.268	0.263	0.277	0.268	0.275	5.40
7)	S	Chloroethane-d5	0.301	0.282	0.288	0.284	0.250	0.281	6.60
8)	T	Chloroethane	0.395	0.349	0.317	0.309	0.280	0.330	13.25
9)	T	Trichlorofluorometh	0.755	0.702	0.687	0.687	0.637	0.694	6.10
10)	T	1,1,2-Trichloro-1,2	0.419	0.359	0.349	0.350	0.327	0.361	9.60
11)	S	1,1-Dichloroethene-	0.755	0.781	0.733	0.725	0.675	0.734	5.37
12)	T	1,1-Dichloroethene	0.375	0.343	0.341	0.331	0.309	0.340	6.92
13)	T	Acetone	0.104	0.094	0.089	0.088	0.080	0.091	9.82
14)	T	Carbon disulfide	1.409	1.179	1.162	1.154	1.079	1.196	10.43
15)	T	Methyl Acetate	0.279	0.247	0.225	0.219	0.202	0.234	12.66
16)	T	Methylene chloride	0.512	0.671	0.422	0.391	0.362	0.472	26.45
17)	T	Methyl tert-butyl E	1.138	1.001	0.989	1.004	0.931	1.012	7.52
18)	T	trans-1,2-Dichloroe	0.431	0.365	0.347	0.358	0.331	0.366	10.42
19)	T	1,1-Dichloroethane	0.929	0.909	0.919	0.905	0.843	0.901	3.75
20)	S	2-Butanone-d5	0.121	0.125	0.135	0.144	0.140	0.133	7.42
21)	T	2-Butanone	0.142	0.148	0.154	0.162	0.154	0.152	4.90
22)	T	cis-1,2-Dichloroeth	0.478	0.422	0.435	0.441	0.423	0.440	5.19
23)	T	Bromochloromethane	0.185	0.184	0.179	0.175	0.161	0.177	5.56
24)	S	Chloroform-d	0.555	0.738	0.726	0.762	0.712	0.699	11.77
25)	T	Chloroform	1.053	0.887	0.863	0.845	0.786	0.887	11.28
26)	S	1,2-Dichloroethane-	0.434	0.439	0.427	0.424	0.397	0.424	3.82
27)	T	1,2-Dichloroethane	0.614	0.588	0.581	0.592	0.552	0.585	3.77
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	0.703	0.683	0.700	0.685	0.655	0.685	2.82
30)	T	Cyclohexane	0.702	0.675	0.769	0.795	0.812	0.750	7.91
31)	T	Carbon tetrachlorid	0.628	0.558	0.589	0.586	0.555	0.584	5.07
32)	S	Benzene-d6	1.139	1.254	1.343	1.356	1.306	1.280	6.87
33)	T	Benzene	1.723	1.634	1.834	1.807	1.718	1.743	4.56
34)	T	Trichloroethene	0.466	0.422	0.446	0.442	0.422	0.440	4.18
35)	T	Methylcyclohexane	0.558	0.540	0.656	0.698	0.704	0.631	12.28
36)	S	1,2-Dichloropropane	0.461	0.462	0.477	0.487	0.463	0.470	2.42
37)	T	1,2-Dichloropropane	0.454	0.511	0.529	0.511	0.489	0.499	5.77
38)	T	Bromodichloromethan	0.602	0.601	0.602	0.592	0.574	0.594	2.03
39)	T	cis-1,3-Dichloropro	0.567	0.568	0.642	0.672	0.677	0.625	8.69
40)	T	4-Methyl-2-pentanon	0.270	0.298	0.356	0.382	0.373	0.336	14.67
41)	S	Toluene-d8	0.910	1.049	1.173	1.196	1.146	1.095	10.73
42)	T	Toluene	1.447	1.559	1.883	1.903	1.815	1.721	11.97
43)	S	trans-1,3-Dichlorop	0.119	0.163	0.185	0.182	0.177	0.165	16.51
44)	T	trans-1,3-Dichlorop	0.421	0.439	0.522	0.548	0.545	0.495	12.21
45)	T	1,1,2-Trichloroetha	0.287	0.301	0.295	0.306	0.289	0.296	2.72
46)	S	2-Hexanone-d5	0.054	0.068	0.090	0.101	0.104	0.083	26.01
47)	T	Tetrachloroethene	0.308	0.267	0.286	0.288	0.280	0.286	5.13
48)	T	2-Hexanone	0.170	0.210	0.261	0.279	0.274	0.239	19.80
49)	T	Dibromochloromethan	0.353	0.344	0.341	0.346	0.336	0.344	1.86
50)	T	1,2-Dibromoethane	0.260	0.249	0.277	0.284	0.276	0.269	5.22
51)	T	Chlorobenzene	1.018	0.953	1.051	1.055	1.038	1.023	4.08
52)	T	Ethylbenzene	1.534	1.555	1.894	1.991	2.005	1.796	13.01

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		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	m,p-Xylene	0.529	0.535	0.691	0.722	0.718	0.639	15.42
54)	T	o-Xylene	0.498	0.503	0.665	0.692	0.697	0.611	16.63
55)	T	Styrene	0.796	0.820	1.158	1.231	1.240	1.049	21.22
56)	T	Isopropylbenzene	1.358	1.323	1.742	1.874	1.886	1.637	16.90
57)	S	1,1,2,2-Tetrachloro	0.333	0.342	0.379	0.392	0.385	0.366	7.32
58)	T	1,1,2,2-Tetrachloro	0.385	0.380	0.397	0.411	0.401	0.395	3.17
59)		1,2,3-Trichloroprop	0.287	0.295	0.300	0.297	0.298	0.295	1.70
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.421	0.426	0.385	0.391	0.376	0.400	5.60
62)	T	1,3-Dichlorobenzene	1.586	1.620	1.578	1.594	1.561	1.588	1.35
63)	T	1,4-Dichlorobenzene	1.612	1.581	1.609	1.649	1.601	1.610	1.53
64)	S	1,2-Dichlorobenzene	0.853	0.833	0.802	0.837	0.810	0.827	2.51
65)	T	1,2-Dichlorobenzene	1.547	1.524	1.565	1.585	1.525	1.549	1.68
66)	T	1,2-Dibromo-3-chlor	0.149	0.150	0.142	0.147	0.141	0.146	2.80
67)		1,3,5-Trichlorobenz	1.206	1.148	1.216	1.234	1.229	1.206	2.88
68)	T	1,2,4-trichlorobenz	0.806	0.770	0.924	0.960	0.996	0.891	11.04
69)		Naphthalene	1.165	1.169	1.506	1.843	1.960	1.528	24.20
70)	T	1,2,3-Trichlorobenz	0.604	0.776	0.874	0.946	0.948	0.829	17.37

(#) = Out of Range