Response Factor Report VOC_U

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
Method File : SOMUTR122819WMA.M
Title : TRACE VOA SOM01.0
Last Update : Mon Dec 30 05:41:58 2019
Response Via : Initial Calibration

Calibration Files
0.5 =VU036363.D 1 =VU036364.D 5 =VU036365.D
10 =VU036366.D 20 =VU036367.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.456	0.411	0.375	0.387	0.368	0.399	8.93
3)	T	Chloromethane	0.430	0.385	0.371	0.374	0.370	0.386	6.48
4)	S	Vinyl Chloride-d3	0.397	0.372	0.348	0.350	0.348	0.363	5.90
5)	T	Vinyl chloride	0.463	0.415	0.405	0.409	0.400	0.418	6.04
6)	T	Bromomethane	0.277	0.231	0.229	0.225	0.243	0.241	8.70
7)	S	Chloroethane-d5	0.357	0.323	0.317	0.313	0.336	0.329	5.40
8)	T	Chloroethane	0.282	0.244	0.232	0.236	0.244	0.248	7.92
9)	T	Trichlorofluorometh	0.643	0.613	0.576	0.580	0.556	0.593	5.79
10)	T	1,1,2-Trichloro-1,2	0.335	0.327	0.301	0.297	0.282	0.309	7.07
11)	S	1,1-Dichloroethene-	0.721	0.676	0.649	0.642	0.637	0.665	5.25
12)	T	1,1-Dichloroethene	0.348	0.304	0.292	0.291	0.287	0.304	8.22
13)	T	Acetone	0.069	0.061	0.049	0.061	0.058	0.060	11.75
14)	T	Carbon disulfide	1.118	1.025	0.949	0.955	0.944	0.998	7.46
15)	T	Methyl Acetate	0.125	0.131	0.122	0.143	0.138	0.132	6.56
16)	T	Methylene chloride	0.522	0.403	0.338	0.335	0.334	0.386	20.99
17)	T	Methyl tert-butyl E	0.950	0.901	0.844	0.860	0.848	0.880	5.09
18)	T	trans-1,2-Dichloroe	0.380	0.349	0.332	0.325	0.317	0.341	7.27
19)	T	1,1-Dichloroethane	0.665	0.604	0.601	0.610	0.605	0.617	4.40
20)	S	2-Butanone-d5	0.093	0.087	0.093	0.097	0.094	0.093	3.90
21)	T	2-Butanone	0.107	0.093	0.085	0.100	0.098	0.097	8.55
22)	T	cis-1,2-Dichloroeth	0.464	0.366	0.353	0.364	0.365	0.382	11.97
23)	T	Bromochloromethane	0.165	0.166	0.155	0.157	0.154	0.159	3.56
24)	S	Chloroform-d	0.836	0.737	0.691	0.685	0.692	0.728	8.72
25)	T	Chloroform	0.671	0.687	0.644	0.642	0.633	0.655	3.45
26)	S	1,2-Dichloroethane-	0.449	0.402	0.370	0.359	0.364	0.389	9.63
27)	T	1,2-Dichloroethane	0.476	0.432	0.417	0.422	0.411	0.431	6.05
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	0.669	0.649	0.611	0.590	0.591	0.622	5.68
30)	T	Cyclohexane	0.678	0.635	0.607	0.595	0.579	0.619	6.28
31)	T	Carbon tetrachlorid	0.561	0.526	0.519	0.522	0.517	0.529	3.44
32)	S	Benzene-d6	1.598	1.499	1.383	1.360	1.380	1.444	7.06
33)	T	Benzene	1.631	1.540	1.418	1.404	1.414	1.482	6.77
34)	T	Trichloroethene	0.435	0.402	0.388	0.383	0.387	0.399	5.33
35)	T	Methylcyclohexane	0.668	0.626	0.629	0.629	0.610	0.632	3.42
36)	S	1,2-Dichloropropane	0.521	0.478	0.436	0.441	0.440	0.463	7.87
37)	T	1,2-Dichloropropane	0.406	0.387	0.381	0.366	0.371	0.382	4.13
38)	T	Bromodichloromethan	0.597	0.527	0.509	0.495	0.509	0.527	7.72
39)	T	cis-1,3-Dichloropro	0.698	0.615	0.613	0.597	0.610	0.627	6.44
40)	T	4-Methyl-2-pentanon	0.294	0.279	0.259	0.258	0.256	0.269	6.21
41)	S	Toluene-d8	1.484	1.440	1.291	1.281	1.296	1.358	7.07
42)	T	Toluene	1.846	1.665	1.568	1.556	1.562	1.639	7.55
43)	S	trans-1,3-Dichlorop	0.247	0.228	0.197	0.197	0.199	0.214	10.80
44)	T	trans-1,3-Dichlorop	0.523	0.553	0.493	0.499	0.506	0.515	4.68
45)	T	1,1,2-Trichloroetha	0.307	0.282	0.268	0.263	0.270	0.278	6.39
46)	S	2-Hexanone-d5	0.095	0.093	0.090	0.090	0.092	0.092	2.49
47)	T	Tetrachloroethene	0.301	0.288	0.274	0.271	0.270	0.281	4.77
48)	T	2-Hexanone	0.207	0.183	0.186	0.190	0.187	0.191	4.94
49)	T	Dibromochloromethan	0.419	0.369	0.349	0.345	0.356	0.368	8.24
50)	T	1,2-Dibromoethane	0.299	0.293	0.274	0.268	0.274	0.282	4.87
51)	T	Chlorobenzene	1.126	1.038	0.993	0.978	0.976	1.022	6.19
52)	T	Ethylbenzene	1.933	1.849	1.777	1.757	1.769	1.817	4.08

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
Method File : SOMUTR122819WMA.M
Title : TRACE VOA SOM01.0
Last Update : Mon Dec 30 05:41:58 2019
Response Via : Initial Calibration

Calibration Files
0.5 =VU036363.D 1 =VU036364.D 5 =VU036365.D
10 =VU036366.D 20 =VU036367.D

		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	m,p-Xylene	0.786	0.691	0.672	0.674	0.668	0.698	7.16
54)	T	o-Xylene	0.726	0.707	0.656	0.652	0.649	0.678	5.29
55)	T	Styrene	1.268	1.162	1.110	1.107	1.116	1.153	5.91
56)	T	Isopropylbenzene	1.986	1.832	1.749	1.730	1.704	1.800	6.36
57)	S	1,1,2,2-Tetrachloro	0.450	0.427	0.379	0.372	0.380	0.402	8.70
58)	T	1,1,2,2-Tetrachloro	0.429	0.382	0.355	0.350	0.358	0.375	8.73
59)		1,2,3-Trichloroprop	0.295	0.264	0.250	0.256	0.253	0.264	6.88
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.501	0.463	0.423	0.422	0.420	0.446	8.05
62)	T	1,3-Dichlorobenzene	1.893	1.697	1.596	1.597	1.575	1.672	7.92
63)	T	1,4-Dichlorobenzene	1.862	1.692	1.582	1.565	1.565	1.653	7.77
64)	S	1,2-Dichlorobenzene	1.266	1.122	0.993	0.994	0.956	1.066	12.03
65)	T	1,2-Dichlorobenzene	1.732	1.634	1.494	1.521	1.491	1.574	6.70
66)	T	1,2-Dibromo-3-chlor	0.132	0.176	0.143	0.136	0.137	0.145	12.38
67)		1,3,5-Trichlorobenz	1.226	1.191	1.184	1.168	1.169	1.188	1.99
68)	T	1,2,4-trichlorobenz	0.801	0.756	0.896	0.933	0.975	0.872	10.45
69)		Naphthalene	1.364	1.119	1.488	1.737	1.886	1.519	19.95
70)	T	1,2,3-Trichlorobenz	0.838	0.779	0.825	0.871	0.891	0.841	5.15

(#) = Out of Range