Response Factor Report VOC_U

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
Method File : SOMUTR112320WMA.M
Title : TRACE VOA SOM01.0
Last Update : Tue Nov 24 01:21:55 2020
Response Via : Initial Calibration

Calibration Files
0.5 =VU041381.D 1 =VU041382.D 5 =VU041383.D
10 =VU041384.D 20 =VU041385.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.452	0.469	0.498	0.499	0.497	0.483	4.49
3)	T	Chloromethane	0.430	0.378	0.411	0.414	0.421	0.411	4.81
4)	S	Vinyl Chloride-d3	0.363	0.356	0.331	0.353	0.354	0.351	3.47
5)	T	Vinyl chloride	0.456	0.404	0.427	0.448	0.450	0.437	4.89
6)	T	Bromomethane	0.142	0.131	0.171	0.181	0.199	0.165	17.05
7)	S	Chloroethane-d5	0.262	0.255	0.230	0.239	0.248	0.247	5.05
8)	T	Chloroethane	0.281	0.247	0.233	0.237	0.241	0.248	7.77
9)	T	Trichlorofluorometh	0.645	0.653	0.689	0.705	0.692	0.677	3.91
10)	T	1,1,2-Trichloro-1,2	0.340	0.322	0.371	0.370	0.340	0.349	6.11
11)	S	1,1-Dichloroethene-	0.678	0.688	0.698	0.713	0.669	0.689	2.49
12)	T	1,1-Dichloroethene	0.283	0.287	0.321	0.336	0.314	0.308	7.33
13)	T	Acetone	0.062	0.061	0.062	0.062	0.056	0.061	3.81
14)	T	Carbon disulfide	1.074	1.028	1.102	1.142	1.031	1.075	4.48
15)	T	Methyl Acetate	0.136	0.126	0.155	0.158	0.138	0.143	9.44
16)	T	Methylene chloride	0.592	0.473	0.404	0.374	0.358	0.440	21.75
17)	T	Methyl tert-butyl E	0.659	0.654	0.794	0.836	0.891	0.767	13.88
18)	T	trans-1,2-Dichloroe	0.324	0.309	0.335	0.346	0.355	0.334	5.47
19)	T	1,1-Dichloroethane	0.655	0.616	0.661	0.692	0.698	0.664	4.92
20)	S	2-Butanone-d5	0.087	0.088	0.087	0.091	0.095	0.090	3.89
21)	T	2-Butanone	0.085	0.090	0.097	0.102	0.106	0.096	8.85
22)	T	cis-1,2-Dichloroeth	0.337	0.316	0.361	0.376	0.386	0.355	8.10
23)	T	Bromochloromethane	0.119	0.150	0.173	0.171	0.172	0.157	14.97
24)	S	Chloroform-d	0.735	0.722	0.695	0.705	0.723	0.716	2.20
25)	T	Chloroform	0.718	0.737	0.723	0.732	0.740	0.730	1.32
26)	S	1,2-Dichloroethane-	0.449	0.433	0.387	0.404	0.411	0.417	5.92
27)	T	1,2-Dichloroethane	0.449	0.437	0.483	0.500	0.508	0.475	6.58
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	0.580	0.587	0.654	0.646	0.657	0.625	6.11
30)	T	Cyclohexane	0.412	0.430	0.576	0.607	0.638	0.533	19.61
31)	T	Carbon tetrachlorid	0.522	0.512	0.599	0.587	0.592	0.562	7.44
32)	S	Benzene-d6	1.201	1.217	1.173	1.241	1.279	1.222	3.31
33)	T	Benzene	1.153	1.212	1.382	1.470	1.489	1.341	11.33
34)	T	Trichloroethene	0.339	0.341	0.391	0.382	0.373	0.365	6.55
35)	T	Methylcyclohexane	0.450	0.432	0.582	0.596	0.603	0.533	15.80
36)	S	1,2-Dichloropropane	0.373	0.411	0.392	0.393	0.379	0.389	3.74
37)	T	1,2-Dichloropropane	0.347	0.346	0.392	0.391	0.363	0.368	6.13
38)	T	Bromodichloromethan	0.469	0.450	0.529	0.518	0.525	0.498	7.25
39)	T	cis-1,3-Dichloropro	0.412	0.423	0.550	0.558	0.596	0.508	16.59
40)	T	4-Methyl-2-pentanon	0.193	0.184	0.244	0.248	0.260	0.226	15.43
41)	S	Toluene-d8	1.036	1.092	1.191	1.207	1.247	1.154	7.58
42)	T	Toluene	1.163	1.215	1.574	1.578	1.619	1.430	15.49
43)	S	trans-1,3-Dichlorop	0.165	0.165	0.178	0.181	0.195	0.177	7.10
44)	T	trans-1,3-Dichlorop	0.372	0.380	0.518	0.509	0.538	0.463	17.41
45)	T	1,1,2-Trichloroetha	0.232	0.237	0.260	0.266	0.266	0.252	6.59
46)	S	2-Hexanone-d5	0.047	0.046	0.060	0.065	0.071	0.058	19.05
47)	T	Tetrachloroethene	0.248	0.245	0.294	0.287	0.294	0.273	9.08
48)	T	2-Hexanone	0.147	0.132	0.177	0.184	0.188	0.166	15.08
49)	T	Dibromochloromethan	0.280	0.299	0.339	0.335	0.354	0.321	9.60
50)	T	1,2-Dibromoethane	0.226	0.205	0.256	0.258	0.261	0.241	10.25
51)	T	Chlorobenzene	0.871	0.812	0.977	0.970	0.998	0.926	8.66
52)	T	Ethylbenzene	1.155	1.262	1.676	1.714	1.837	1.529	19.67

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
Method File : SOMUTR112320WMA.M
Title : TRACE VOA SOM01.0
Last Update : Tue Nov 24 01:21:55 2020
Response Via : Initial Calibration

Calibration Files
0.5 =VU041381.D 1 =VU041382.D 5 =VU041383.D
10 =VU041384.D 20 =VU041385.D

		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	m,p-Xylene	0.398	0.439	0.631	0.652	0.680	0.560	23.39
54)	T	o-Xylene	0.446	0.396	0.583	0.617	0.654	0.539	20.74
55)	T	Styrene	0.594	0.652	1.027	1.082	1.145	0.900	28.55
56)	T	Isopropylbenzene	1.031	1.081	1.618	1.687	1.824	1.448	25.29
57)	S	1,1,2,2-Tetrachloro	0.302	0.314	0.318	0.320	0.331	0.317	3.32
58)	T	1,1,2,2-Tetrachloro	0.267	0.293	0.337	0.331	0.340	0.314	10.31
59)		1,2,3-Trichloroprop	0.230	0.220	0.250	0.250	0.251	0.240	5.96
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.325	0.351	0.359	0.358	0.369	0.353	4.74
62)	T	1,3-Dichlorobenzene	1.428	1.301	1.528	1.466	1.507	1.446	6.19
63)	T	1,4-Dichlorobenzene	1.328	1.327	1.510	1.472	1.512	1.430	6.64
64)	S	1,2-Dichlorobenzene	0.915	0.819	0.810	0.791	0.829	0.833	5.78
65)	T	1,2-Dichlorobenzene	1.309	1.211	1.413	1.352	1.403	1.338	6.14
66)	T	1,2-Dibromo-3-chlor	0.103	0.096	0.113	0.102	0.111	0.105	6.47
67)		1,3,5-Trichlorobenz	1.011	0.894	1.061	1.013	1.103	1.016	7.71
68)	T	1,2,4-trichlorobenz	0.777	0.623	0.855	0.834	0.899	0.798	13.39
69)		Naphthalene	1.250	0.887	1.297	1.309	1.523	1.253	18.35
70)	T	1,2,3-Trichlorobenz	0.716	0.594	0.792	0.743	0.800	0.729	11.38

(#) = Out of Range