Response Factor Report VOC_U

Method Path : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\
Method File : SOMUTR062320WMA.M
Title : TRACE VOA SOM01.0
Last Update : Wed Jun 24 00:48:57 2020
Response Via : Initial Calibration

Calibration Files
0.5 =VU039035.D 1 =VU039036.D 5 =VU039037.D
10 =VU039038.D 20 =VU039039.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.476	0.486	0.441	0.436	0.398	0.447	7.81
3)	T	Chloromethane	0.531	0.504	0.479	0.469	0.425	0.482	8.22
4)	S	Vinyl Chloride-d3	0.402	0.378	0.360	0.358	0.332	0.366	7.08
5)	T	Vinyl chloride	0.506	0.518	0.488	0.476	0.441	0.486	6.15
6)	T	Bromomethane	0.297	0.283	0.252	0.247	0.229	0.261	10.60
7)	S	Chloroethane-d5	0.347	0.321	0.298	0.288	0.258	0.303	11.13
8)	T	Chloroethane	0.328	0.323	0.287	0.279	0.248	0.293	11.31
9)	T	Trichlorofluorometh	0.684	0.671	0.605	0.598	0.552	0.622	8.77
10)	T	1,1,2-Trichloro-1,2	0.377	0.406	0.357	0.353	0.317	0.362	9.06
11)	S	1,1-Dichloroethene-	0.748	0.738	0.688	0.693	0.650	0.704	5.65
12)	T	1,1-Dichloroethene	0.373	0.372	0.338	0.334	0.315	0.346	7.33
13)	T	Acetone	0.116	0.098	0.082	0.078	0.074	0.090	19.28
14)	T	Carbon disulfide	1.237	1.266	1.123	1.113	1.033	1.155	8.29
15)	T	Methyl Acetate	0.247	0.225	0.214	0.198	0.181	0.213	11.82
16)	T	Methylene chloride	0.503	0.462	0.412	0.393	0.365	0.427	12.97
17)	T	Methyl tert-butyl E	0.975	1.014	0.977	1.003	0.960	0.986	2.24
18)	T	trans-1,2-Dichloroe	0.395	0.398	0.358	0.365	0.338	0.371	6.92
19)	T	1,1-Dichloroethane	0.769	0.801	0.730	0.718	0.665	0.737	7.03
20)	S	2-Butanone-d5	0.136	0.138	0.130	0.130	0.126	0.132	3.69
21)	T	2-Butanone	0.132	0.143	0.138	0.139	0.130	0.136	3.66
22)	T	cis-1,2-Dichloroeth	0.429	0.409	0.390	0.398	0.374	0.400	5.17
23)	T	Bromochloromethane	0.183	0.202	0.187	0.182	0.165	0.184	7.15
24)	S	Chloroform-d	0.762	0.773	0.706	0.702	0.657	0.720	6.64
25)	T	Chloroform	0.768	0.814	0.734	0.727	0.657	0.740	7.82
26)	S	1,2-Dichloroethane-	0.509	0.466	0.429	0.420	0.392	0.443	10.21
27)	T	1,2-Dichloroethane	0.549	0.581	0.524	0.514	0.469	0.527	7.87
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	0.682	0.641	0.610	0.616	0.570	0.624	6.66
30)	T	Cyclohexane	0.544	0.579	0.565	0.620	0.594	0.581	4.93
31)	T	Carbon tetrachlorid	0.547	0.560	0.503	0.516	0.473	0.520	6.71
32)	S	Benzene-d6	1.411	1.428	1.378	1.405	1.311	1.386	3.30
33)	T	Benzene	1.608	1.636	1.557	1.588	1.466	1.571	4.15
34)	T	Trichloroethene	0.377	0.414	0.369	0.383	0.357	0.380	5.57
35)	T	Methylcyclohexane	0.511	0.549	0.559	0.612	0.588	0.564	6.84
36)	S	1,2-Dichloropropane	0.506	0.488	0.449	0.456	0.430	0.466	6.52
37)	T	1,2-Dichloropropane	0.430	0.449	0.423	0.431	0.396	0.426	4.49
38)	T	Bromodichloromethan	0.553	0.549	0.523	0.532	0.495	0.531	4.38
39)	T	cis-1,3-Dichloropro	0.540	0.581	0.596	0.623	0.610	0.590	5.40
40)	T	4-Methyl-2-pentanon	0.286	0.316	0.329	0.339	0.318	0.318	6.30
41)	S	Toluene-d8	1.126	1.148	1.177	1.220	1.126	1.159	3.42
42)	T	Toluene	1.474	1.610	1.572	1.624	1.517	1.559	4.06
43)	S	trans-1,3-Dichlorop	0.199	0.202	0.202	0.209	0.200	0.203	1.88
44)	T	trans-1,3-Dichlorop	0.527	0.553	0.546	0.581	0.553	0.552	3.47
45)	T	1,1,2-Trichloroetha	0.331	0.331	0.311	0.316	0.292	0.316	5.13
46)	S	2-Hexanone-d5	0.088	0.097	0.109	0.115	0.114	0.105	11.23
47)	T	Tetrachloroethene	0.293	0.296	0.262	0.267	0.251	0.274	7.22
48)	T	2-Hexanone	0.206	0.232	0.245	0.248	0.233	0.233	6.99
49)	T	Dibromochloromethan	0.338	0.357	0.339	0.354	0.331	0.344	3.30
50)	T	1,2-Dibromoethane	0.296	0.316	0.298	0.305	0.281	0.299	4.23
51)	T	Chlorobenzene	0.988	1.039	0.968	0.986	0.927	0.982	4.10
52)	T	Ethylbenzene	1.544	1.642	1.607	1.731	1.672	1.639	4.27

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		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	m,p-Xylene	0.554	0.565	0.609	0.659	0.626	0.603	7.22
54)	T	o-Xylene	0.493	0.567	0.591	0.637	0.607	0.579	9.39
55)	T	Styrene	0.863	0.954	1.047	1.138	1.081	1.017	10.70
56)	T	Isopropylbenzene	1.335	1.456	1.536	1.663	1.596	1.517	8.38
57)	S	1,1,2,2-Tetrachloro	0.444	0.460	0.425	0.427	0.410	0.433	4.42
58)	T	1,1,2,2-Tetrachloro	0.433	0.439	0.421	0.423	0.398	0.423	3.67
59)		1,2,3-Trichloroprop	0.333	0.349	0.311	0.318	0.294	0.321	6.56
60)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------				
61)	T	Bromoform	0.444	0.438	0.392	0.394	0.374	0.408	7.58
62)	T	1,3-Dichlorobenzene	1.534	1.553	1.474	1.466	1.407	1.487	3.92
63)	T	1,4-Dichlorobenzene	1.625	1.654	1.476	1.493	1.408	1.531	6.81
64)	S	1,2-Dichlorobenzene	1.048	0.972	0.873	0.894	0.870	0.932	8.29
65)	T	1,2-Dichlorobenzene	1.657	1.553	1.428	1.436	1.380	1.491	7.55
66)	T	1,2-Dibromo-3-chlor	0.180	0.174	0.158	0.159	0.151	0.164	7.28
67)		1,3,5-Trichlorobenz	1.157	1.180	1.054	1.068	1.043	1.100	5.72
68)	T	1,2,4-trichlorobenz	1.085	0.999	0.947	0.989	0.990	1.002	5.05
69)		Naphthalene	2.075	2.000	2.046	2.253	2.317	2.138	6.47
70)	T	1,2,3-Trichlorobenz	0.998	1.021	0.938	0.962	0.918	0.967	4.36

(#) = Out of Range