Response Factor Report VOC_U

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
Method File : SFAMUTR012420WMA.M
Title : TRACE VOA SOM01.0
Last Update : Fri Jan 24 23:01:56 2020
Response Via : Initial Calibration

Calibration Files
0.5 =VU036548.D 1 =VU036549.D 5 =VU036550.D
10 =VU036551.D 20 =VU036552.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.372	0.366	0.360	0.366	0.369	0.367	1.18
3)	T	Chloromethane	0.403	0.399	0.375	0.378	0.381	0.387	3.34
4)	S	Vinyl Chloride-d3	0.262	0.261	0.276	0.287	0.289	0.275	4.82
5)	T	Vinyl chloride	0.410	0.433	0.418	0.419	0.422	0.420	2.01
6)	T	Bromomethane	0.230	0.245	0.244	0.252	0.250	0.244	3.49
7)	S	Chloroethane-d5	0.235	0.237	0.251	0.264	0.259	0.249	5.08
8)	T	Chloroethane	0.309	0.264	0.243	0.243	0.241	0.260	11.14
9)	T	Trichlorofluorometh	0.484	0.508	0.486	0.483	0.484	0.489	2.16
10)	T	1,1,2-Trichloro-1,2	0.286	0.311	0.305	0.301	0.303	0.301	3.02
11)	S	1,1-Dichloroethene-	0.103	0.106	0.114	0.121	0.122	0.113	7.52
12)	T	1,1-Dichloroethene	0.300	0.302	0.298	0.297	0.297	0.299	0.74
13)	T	Acetone	0.047	0.049	0.043	0.044	0.042	0.045	6.80
14)	T	Carbon disulfide	0.911	0.961	0.932	0.946	0.951	0.940	2.04
15)	T	Methyl Acetate	0.130	0.116	0.106	0.114	0.111	0.115	7.76
16)	T	Methylene chloride	0.584	0.449	0.338	0.332	0.329	0.407	27.42
17)	T	Methyl tert-butyl E	0.731	0.757	0.758	0.750	0.757	0.751	1.50
18)	T	trans-1,2-Dichloroe	0.317	0.325	0.321	0.318	0.325	0.321	1.12
19)	T	1,1-Dichloroethane	0.564	0.560	0.560	0.559	0.558	0.560	0.38
20)	S	2-Butanone-d5	0.050	0.054	0.061	0.070	0.068	0.061	14.06
21)	T	2-Butanone	0.069	0.075	0.072	0.075	0.074	0.073	3.82
22)	T	cis-1,2-Dichloroeth	0.362	0.359	0.356	0.354	0.361	0.358	0.91
23)	T	Bromochloromethane	0.132	0.153	0.154	0.155	0.159	0.151	7.00
24)	S	Chloroform-d	0.500	0.478	0.519	0.547	0.556	0.520	6.26
25)	T	Chloroform	0.542	0.581	0.554	0.556	0.558	0.558	2.55
26)	S	1,2-Dichloroethane-	0.265	0.264	0.264	0.280	0.279	0.270	3.11
27)	T	1,2-Dichloroethane	0.347	0.366	0.348	0.341	0.349	0.350	2.73
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	0.497	0.508	0.487	0.505	0.499	0.499	1.61
30)	T	Cyclohexane	0.569	0.582	0.559	0.574	0.564	0.570	1.55
31)	T	Carbon tetrachlorid	0.413	0.411	0.423	0.437	0.433	0.423	2.72
32)	S	Benzene-d6	1.133	1.097	1.183	1.286	1.253	1.190	6.64
33)	T	Benzene	1.377	1.453	1.380	1.422	1.393	1.405	2.28
34)	T	Trichloroethene	0.360	0.385	0.369	0.377	0.371	0.372	2.53
35)	T	Methylcyclohexane	0.602	0.652	0.630	0.653	0.650	0.638	3.46
36)	S	1,2-Dichloropropane	0.341	0.356	0.367	0.394	0.386	0.369	5.92
37)	T	1,2-Dichloropropane	0.331	0.360	0.354	0.354	0.349	0.349	3.21
38)	T	Bromodichloromethan	0.402	0.435	0.428	0.438	0.431	0.427	3.41
39)	T	cis-1,3-Dichloropro	0.509	0.524	0.535	0.560	0.566	0.539	4.45
40)	T	4-Methyl-2-pentanon	0.194	0.202	0.194	0.198	0.195	0.197	1.77
41)	S	Toluene-d8	1.091	1.088	1.156	1.242	1.231	1.162	6.35
42)	T	Toluene	1.551	1.575	1.530	1.563	1.539	1.552	1.17
43)	S	trans-1,3-Dichlorop	0.127	0.136	0.148	0.159	0.162	0.146	10.03
44)	T	trans-1,3-Dichlorop	0.364	0.420	0.416	0.436	0.439	0.415	7.31
45)	T	1,1,2-Trichloroetha	0.251	0.266	0.262	0.261	0.253	0.259	2.45
46)	S	2-Hexanone-d5	0.059	0.061	0.069	0.077	0.075	0.068	11.90
47)	T	Tetrachloroethene	0.291	0.317	0.297	0.308	0.302	0.303	3.35
48)	T	2-Hexanone	0.127	0.136	0.137	0.142	0.136	0.136	3.88
49)	T	Dibromochloromethan	0.268	0.301	0.297	0.308	0.306	0.296	5.46
50)	T	1,2-Dibromoethane	0.243	0.263	0.248	0.255	0.249	0.252	3.08
51)	T	Chlorobenzene	0.982	1.030	0.983	1.001	0.987	0.997	2.04
52)	T	Ethylbenzene	1.626	1.734	1.675	1.720	1.694	1.690	2.50

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		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	m,p-Xylene	0.622	0.662	0.656	0.674	0.664	0.655	3.06
54)	T	o-Xylene	0.628	0.644	0.634	0.660	0.646	0.642	1.91
55)	T	Styrene	0.986	1.044	1.057	1.094	1.090	1.054	4.13
56)	S	1,1,2,2-Tetrachloro	0.294	0.277	0.294	0.313	0.313	0.298	5.01
57)	T	1,1,2,2-Tetrachloro	0.325	0.328	0.321	0.326	0.321	0.324	0.96
58)	I	1,4-Dichlorobenzene-d	----------ISTD----------						
59)	T	Bromoform	0.326	0.337	0.332	0.338	0.346	0.336	2.20
60)		Isopropylbenzene	3.396	3.574	3.285	3.323	3.321	3.380	3.42
61)		1,2,3-Trichloroprop	0.489	0.498	0.449	0.447	0.444	0.465	5.56
62)		1,3,5-Trimethylbenz	2.847	2.995	2.833	2.893	2.914	2.897	2.23
63)		1,2,4-Trimethylbenz	2.780	2.956	2.834	2.887	2.915	2.874	2.40
64)	T	1,3-Dichlorobenzene	1.553	1.651	1.534	1.574	1.567	1.576	2.85
65)	T	1,4-Dichlorobenzene	1.612	1.655	1.515	1.548	1.555	1.577	3.54
66)	S	1,2-Dichlorobenzene	0.879	0.840	0.837	0.888	0.898	0.868	3.23
67)	T	1,2-Dichlorobenzene	1.557	1.563	1.453	1.485	1.468	1.505	3.41
68)	T	1,2-Dibromo-3-chlor	0.090	0.112	0.097	0.097	0.098	0.099	8.07
69)		1,3,5-Trichlorobenz	1.113	1.227	1.215	1.241	1.258	1.211	4.69
70)	T	1,2,4-trichlorobenz	0.680	0.807	0.898	0.969	1.044	0.880	16.12
71)		Naphthalene	0.746	0.961	1.305	1.524	1.738	1.255	32.21
72)	T	1,2,3-Trichlorobenz	0.626	0.737	0.813	0.875	0.927	0.795	14.89

(#) = Out of Range