Response Factor Report VOC_U

Method Path : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\
Method File : SFAMUTR102820WMA.M
Title : TRACE VOA SFAM1.0
Last Update : Thu Oct 29 01:41:18 2020
Response Via : Initial Calibration

Calibration Files
0.5 =VU040997.D 1 =VU040998.D 5 =VU040999.D
10 =VU041000.D 20 =VU041001.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.412	0.419	0.439	0.435	0.426	0.426	2.57
3)	T	Chloromethane	0.457	0.476	0.439	0.437	0.423	0.446	4.54
4)	S	Vinyl Chloride-d3	0.329	0.357	0.331	0.343	0.324	0.337	3.95
5)	T	Vinyl chloride	0.445	0.461	0.439	0.436	0.429	0.442	2.68
6)	T	Bromomethane	0.227	0.235	0.234	0.243	0.240	0.236	2.65
7)	S	Chloroethane-d5	0.272	0.305	0.271	0.269	0.257	0.275	6.54
8)	T	Chloroethane	0.340	0.305	0.257	0.262	0.249	0.283	13.71
9)	T	Trichlorofluorometh	0.630	0.650	0.599	0.603	0.582	0.613	4.37
10)	T	1,1,2-Trichloro-1,2	0.368	0.347	0.353	0.361	0.348	0.355	2.52
11)	S	1,1-Dichloroethene-	0.162	0.166	0.166	0.163	0.156	0.163	2.42
12)	T	1,1-Dichloroethene	0.352	0.346	0.339	0.331	0.325	0.339	3.19
13)	T	Acetone	0.093	0.092	0.078	0.089	0.088	0.088	6.86
14)	T	Carbon disulfide	1.096	1.099	1.064	1.077	1.052	1.078	1.86
15)	T	Methyl Acetate	0.199	0.222	0.199	0.203	0.205	0.206	4.52
16)	T	Methylene chloride	0.435	0.451	0.383	0.382	0.369	0.404	9.07
17)	T	Methyl tert-butyl E	0.863	0.833	0.857	0.916	0.942	0.882	5.10
18)	T	trans-1,2-Dichloroe	0.362	0.347	0.331	0.337	0.338	0.343	3.55
19)	T	1,1-Dichloroethane	0.732	0.744	0.691	0.698	0.688	0.711	3.59
20)	S	2-Butanone-d5	0.132	0.137	0.139	0.146	0.147	0.140	4.59
21)	T	2-Butanone	0.140	0.141	0.139	0.145	0.148	0.143	2.70
22)	T	cis-1,2-Dichloroeth	0.378	0.361	0.358	0.365	0.371	0.367	2.28
23)	T	Bromochloromethane	0.171	0.175	0.175	0.177	0.173	0.174	1.38
24)	S	Chloroform-d	0.659	0.745	0.687	0.689	0.662	0.688	5.03
25)	T	Chloroform	0.755	0.756	0.705	0.712	0.700	0.726	3.78
26)	S	1,2-Dichloroethane-	0.444	0.469	0.421	0.421	0.406	0.432	5.76
27)	T	1,2-Dichloroethane	0.553	0.559	0.523	0.512	0.509	0.531	4.39
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	0.602	0.642	0.617	0.624	0.619	0.621	2.32
30)	T	Cyclohexane	0.482	0.513	0.580	0.643	0.660	0.575	13.55
31)	T	Carbon tetrachlorid	0.505	0.545	0.526	0.538	0.534	0.530	2.88
32)	S	Benzene-d6	1.130	1.242	1.253	1.278	1.217	1.224	4.64
33)	T	Benzene	1.358	1.374	1.511	1.522	1.506	1.454	5.56
34)	T	Trichloroethene	0.391	0.376	0.379	0.399	0.391	0.387	2.47
35)	T	Methylcyclohexane	0.437	0.486	0.544	0.609	0.618	0.539	14.55
36)	S	1,2-Dichloropropane	0.388	0.447	0.434	0.437	0.423	0.426	5.32
37)	T	1,2-Dichloropropane	0.400	0.417	0.420	0.415	0.413	0.413	1.80
38)	T	Bromodichloromethan	0.497	0.515	0.515	0.525	0.527	0.516	2.30
39)	T	cis-1,3-Dichloropro	0.506	0.484	0.547	0.587	0.606	0.546	9.48
40)	T	4-Methyl-2-pentanon	0.262	0.276	0.323	0.348	0.349	0.312	12.99
41)	S	Toluene-d8	0.909	1.075	1.119	1.149	1.074	1.065	8.72
42)	T	Toluene	1.246	1.370	1.565	1.607	1.563	1.470	10.57
43)	S	trans-1,3-Dichlorop	0.156	0.182	0.174	0.191	0.192	0.179	8.28
44)	T	trans-1,3-Dichlorop	0.439	0.480	0.514	0.551	0.560	0.509	9.85
45)	T	1,1,2-Trichloroetha	0.289	0.298	0.298	0.298	0.292	0.295	1.41
46)	S	2-Hexanone-d5	0.074	0.081	0.101	0.113	0.117	0.097	19.61
47)	T	Tetrachloroethene	0.245	0.272	0.278	0.275	0.272	0.268	4.95
48)	T	2-Hexanone	0.196	0.218	0.246	0.254	0.256	0.234	11.13
49)	T	Dibromochloromethan	0.311	0.343	0.337	0.354	0.354	0.340	5.23
50)	T	1,2-Dibromoethane	0.264	0.270	0.278	0.285	0.284	0.276	3.33
51)	T	Chlorobenzene	0.908	0.934	0.949	0.967	0.959	0.943	2.50
52)	T	Ethylbenzene	1.254	1.338	1.582	1.720	1.736	1.526	14.43

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		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	m,p-Xylene	0.432	0.479	0.584	0.639	0.627	0.552	16.68
54)	T	o-Xylene	0.428	0.460	0.550	0.599	0.604	0.528	15.23
55)	T	Styrene	0.710	0.746	0.991	1.072	1.067	0.917	19.23
56)	S	1,1,2,2-Tetrachloro	0.368	0.407	0.387	0.398	0.392	0.391	3.66
57)	T	1,1,2,2-Tetrachloro	0.353	0.380	0.390	0.389	0.390	0.380	4.23
58)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------				
59)	T	Bromoform	0.409	0.396	0.377	0.380	0.387	0.390	3.33
60)		Isopropylbenzene	2.482	2.596	2.977	3.208	3.247	2.902	12.04
61)		1,2,3-Trichloroprop	0.627	0.632	0.586	0.590	0.581	0.603	4.04
62)		1,3,5-Trimethylbenz	1.940	1.918	2.327	2.650	2.809	2.329	17.36
63)		1,2,4-Trimethylbenz	1.796	1.860	2.464	2.807	2.871	2.360	21.61
64)	T	1,3-Dichlorobenzene	1.397	1.375	1.467	1.506	1.493	1.447	4.03
65)	T	1,4-Dichlorobenzene	1.449	1.393	1.502	1.535	1.515	1.479	3.88
66)	S	1,2-Dichlorobenzene	0.798	0.943	0.808	0.824	0.816	0.838	7.11
67)	T	1,2-Dichlorobenzene	1.411	1.339	1.371	1.446	1.452	1.404	3.45
68)	T	1,2-Dibromo-3-chlor	0.127	0.138	0.135	0.147	0.148	0.139	6.12
69)	MA	1,3,5-Trichlorobenz	0.915	0.936	0.999	1.041	1.078	0.994	6.90
70)	T	1,2,4-trichlorobenz	0.740	0.715	0.837	0.904	0.988	0.837	13.59
71)	MA	Naphthalene	0.962	1.085	1.396	1.816	2.067	1.465	32.16
72)	T	1,2,3-Trichlorobenz	0.626	0.685	0.791	0.891	0.927	0.784	16.45

(#) = Out of Range