Response Factor Report VOC_U

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
Method File : SOMUTR060319WMA.M
Title : TRACE VOA SOM01.0
Last Update : Tue Jun 04 08:41:04 2019
Response Via : Initial Calibration

Calibration Files
0.5 =VU032391.D 1 =VU032392.D 5 =VU032393.D
10 =VU032394.D 20 =VU032395.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.888	0.860	0.825	0.844	0.822	0.848	3.21
3)	T	Chloromethane	0.946	0.937	0.843	0.876	0.828	0.886	6.05
4)	S	Vinyl Chloride-d3	0.535	0.446	0.445	0.473	0.447	0.469	8.20
5)	T	Vinyl chloride	0.962	0.953	0.903	0.942	0.896	0.931	3.23
6)	T	Bromomethane	0.612	0.596	0.630	0.679	0.936	0.691	20.35
7)	S	Chloroethane-d5	0.591	0.414	0.549	0.607	0.353	0.503	22.48
8)	T	Chloroethane	0.874	0.809	0.877	0.973	0.541	0.815	20.15
9)	T	Trichlorofluorometh	1.696	1.348	1.288	1.342	1.246	1.384	12.94
10)	T	1,1,2-Trichloro-1,2	0.769	0.749	0.706	0.750	0.710	0.737	3.72
11)	S	1,1-Dichloroethene-	1.095	1.089	1.077	1.129	1.097	1.097	1.77
12)	T	1,1-Dichloroethene	0.693	0.699	0.658	0.704	0.684	0.687	2.65
13)	T	Acetone	0.192	0.196	0.172	0.181	0.170	0.182	6.31
14)	T	Carbon disulfide	2.366	2.351	2.216	2.310	2.212	2.291	3.21
15)	T	Methyl Acetate	0.503	0.442	0.414	0.422	0.406	0.437	8.94
16)	T	Methylene chloride	0.916	0.808	0.752	0.775	0.746	0.799	8.70
17)	T	Methyl tert-butyl E	2.258	2.227	2.147	2.221	2.104	2.191	2.91
18)	T	trans-1,2-Dichloroe	0.791	0.750	0.749	0.763	0.730	0.756	2.97
19)	T	1,1-Dichloroethane	1.299	1.320	1.246	1.298	1.245	1.282	2.67
20)	S	2-Butanone-d5	0.106	0.103	0.109	0.117	0.111	0.109	4.75
21)	T	2-Butanone	0.226	0.233	0.230	0.242	0.229	0.232	2.65
22)	T	cis-1,2-Dichloroeth	0.759	0.771	0.710	0.741	0.707	0.738	3.88
23)	T	Bromochloromethane	0.301	0.293	0.293	0.309	0.302	0.300	2.22
24)	S	Chloroform-d	0.714	0.697	0.701	0.742	0.718	0.714	2.52
25)	T	Chloroform	1.336	1.348	1.287	1.321	1.267	1.312	2.58
26)	S	1,2-Dichloroethane-	0.410	0.385	0.382	0.403	0.392	0.394	2.99
27)	T	1,2-Dichloroethane	0.916	0.932	0.895	0.931	0.894	0.914	2.02
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	1.251	1.277	1.162	1.250	1.141	1.216	4.98
30)	T	Cyclohexane	1.402	1.373	1.271	1.328	1.231	1.321	5.33
31)	T	Carbon tetrachlorid	1.052	1.126	1.029	1.116	1.037	1.072	4.26
32)	S	Benzene-d6	1.451	1.340	1.351	1.478	1.385	1.401	4.35
33)	T	Benzene	3.011	2.994	2.815	3.008	2.771	2.920	4.01
34)	T	Trichloroethene	0.838	0.796	0.761	0.810	0.754	0.792	4.41
35)	T	Methylcyclohexane	1.341	1.372	1.283	1.356	1.253	1.321	3.81
36)	S	1,2-Dichloropropane	0.489	0.458	0.442	0.477	0.449	0.463	4.23
37)	T	1,2-Dichloropropane	0.815	0.816	0.761	0.816	0.767	0.795	3.61
38)	T	Bromodichloromethan	1.058	1.068	1.008	1.083	1.009	1.045	3.31
39)	T	cis-1,3-Dichloropro	1.244	1.228	1.249	1.326	1.233	1.256	3.20
40)	T	4-Methyl-2-pentanon	0.581	0.616	0.578	0.621	0.600	0.599	3.29
41)	S	Toluene-d8	1.358	1.249	1.277	1.399	1.310	1.319	4.58
42)	T	Toluene	3.124	3.214	3.079	3.263	3.053	3.146	2.84
43)	S	trans-1,3-Dichlorop	0.220	0.212	0.210	0.229	0.214	0.217	3.60
44)	T	trans-1,3-Dichlorop	0.980	1.048	1.012	1.069	1.020	1.026	3.34
45)	T	1,1,2-Trichloroetha	0.540	0.571	0.537	0.565	0.524	0.547	3.63
46)	S	2-Hexanone-d5	0.090	0.089	0.094	0.104	0.101	0.096	6.95
47)	T	Tetrachloroethene	0.570	0.551	0.530	0.577	0.539	0.554	3.59
48)	T	2-Hexanone	0.422	0.448	0.422	0.455	0.443	0.438	3.43
49)	T	Dibromochloromethan	0.647	0.700	0.674	0.725	0.697	0.689	4.25
50)	T	1,2-Dibromoethane	0.575	0.568	0.530	0.576	0.535	0.557	3.99
51)	T	Chlorobenzene	2.048	2.009	1.889	2.033	1.933	1.982	3.44
52)	T	Ethylbenzene	3.591	3.690	3.497	3.738	3.541	3.611	2.79

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		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	m,p-Xylene	1.289	1.343	1.297	1.375	1.321	1.325	2.63
54)	T	o-Xylene	1.243	1.349	1.282	1.373	1.307	1.311	3.96
55)	T	Styrene	2.117	2.172	2.155	2.327	2.281	2.210	4.04
56)	T	Isopropylbenzene	3.469	3.509	3.378	3.612	3.508	3.495	2.41
57)	S	1,1,2,2-Tetrachloro	0.400	0.370	0.370	0.400	0.408	0.390	4.69
58)	T	1,1,2,2-Tetrachloro	0.739	0.756	0.708	0.766	0.763	0.746	3.19
59)		1,2,3-Trichloroprop	0.497	0.515	0.502	0.536	0.533	0.517	3.46
60)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------				
61)	T	Bromoform	0.769	0.834	0.805	0.851	0.828	0.817	3.88
62)	T	1,3-Dichlorobenzene	3.170	3.125	3.029	3.140	3.015	3.096	2.25
63)	T	1,4-Dichlorobenzene	3.242	3.153	3.036	3.142	3.027	3.120	2.87
64)	S	1,2-Dichlorobenzene	0.972	0.918	0.936	1.005	0.966	0.959	3.52
65)	T	1,2-Dichlorobenzene	2.991	3.014	2.877	2.996	2.918	2.959	1.98
66)	T	1,2-Dibromo-3-chlor	0.264	0.282	0.283	0.290	0.285	0.281	3.55
67)		1,3,5-Trichlorobenz	2.313	2.387	2.344	2.487	2.434	2.393	2.91
68)	T	1,2,4-trichlorobenz	1.839	1.965	2.036	2.203	2.130	2.034	6.98
69)		Naphthalene	3.420	3.935	4.005	4.420	4.215	3.999	9.38
70)	T	1,2,3-Trichlorobenz	1.852	1.903	1.910	2.047	1.947	1.932	3.77

(#) = Out of Range