Response Factor Report VOC_U

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
Method File : SOMUTR110419WMA.M
Title : TRACE VOA SOM01.0
Last Update : Tue Nov 05 01:36:26 2019
Response Via : Initial Calibration

Calibration Files
0.5 =VU035600.D 1 =VU035601.D 5 =VU035602.D
10 =VU035603.D 20 =VU035604.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.512	0.536	0.550	0.550	0.542	0.538	2.86
3)	T	Chloromethane	0.646	0.614	0.625	0.615	0.602	0.621	2.65
4)	S	Vinyl Chloride-d3	0.493	0.538	0.509	0.516	0.518	0.515	3.12
5)	T	Vinyl chloride	0.617	0.618	0.652	0.650	0.642	0.636	2.68
6)	T	Bromomethane	0.363	0.355	0.361	0.370	0.363	0.362	1.48
7)	S	Chloroethane-d5	0.392	0.442	0.421	0.431	0.420	0.421	4.42
8)	T	Chloroethane	0.349	0.364	0.378	0.376	0.356	0.365	3.45
9)	T	Trichlorofluorometh	0.760	0.773	0.800	0.786	0.758	0.776	2.28
10)	T	1,1,2-Trichloro-1,2	0.475	0.446	0.467	0.462	0.442	0.458	3.07
11)	S	1,1-Dichloroethene-	0.853	0.891	0.862	0.868	0.858	0.866	1.72
12)	T	1,1-Dichloroethene	0.440	0.442	0.438	0.446	0.433	0.440	1.11
13)	T	Acetone	0.087	0.086	0.081	0.079	0.076	0.082	5.67
14)	T	Carbon disulfide	1.446	1.403	1.455	1.433	1.391	1.426	1.92
15)	T	Methyl Acetate	0.214	0.169	0.188	0.192	0.189	0.190	8.39
16)	T	Methylene chloride	0.611	0.532	0.506	0.486	0.471	0.521	10.60
17)	T	Methyl tert-butyl E	0.976	0.993	1.052	1.069	1.062	1.030	4.16
18)	T	trans-1,2-Dichloroe	0.446	0.442	0.464	0.463	0.449	0.453	2.21
19)	T	1,1-Dichloroethane	0.823	0.837	0.859	0.855	0.830	0.841	1.83
20)	S	2-Butanone-d5	0.101	0.117	0.114	0.118	0.118	0.114	6.19
21)	T	2-Butanone	0.116	0.113	0.126	0.128	0.125	0.122	5.48
22)	T	cis-1,2-Dichloroeth	0.493	0.476	0.509	0.512	0.509	0.500	3.03
23)	T	Bromochloromethane	0.240	0.237	0.239	0.238	0.231	0.237	1.43
24)	S	Chloroform-d	0.764	0.829	0.829	0.838	0.841	0.820	3.89
25)	T	Chloroform	1.016	0.946	0.884	0.882	0.843	0.914	7.41
26)	S	1,2-Dichloroethane-	0.427	0.461	0.422	0.423	0.421	0.431	3.94
27)	T	1,2-Dichloroethane	0.494	0.494	0.524	0.526	0.505	0.509	3.10
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	0.631	0.640	0.686	0.679	0.656	0.658	3.61
30)	T	Cyclohexane	0.589	0.593	0.676	0.717	0.715	0.658	9.58
31)	T	Carbon tetrachlorid	0.560	0.565	0.624	0.618	0.599	0.593	4.99
32)	S	Benzene-d6	1.428	1.567	1.606	1.650	1.617	1.574	5.50
33)	T	Benzene	1.696	1.686	1.813	1.832	1.770	1.760	3.77
34)	T	Trichloroethene	0.434	0.433	0.460	0.465	0.459	0.450	3.40
35)	T	Methylcyclohexane	0.600	0.607	0.707	0.755	0.762	0.686	11.45
36)	S	1,2-Dichloropropane	0.468	0.536	0.507	0.518	0.515	0.509	4.90
37)	T	1,2-Dichloropropane	0.465	0.450	0.469	0.471	0.462	0.464	1.80
38)	T	Bromodichloromethan	0.547	0.554	0.572	0.574	0.558	0.561	2.12
39)	T	cis-1,3-Dichloropro	0.600	0.628	0.670	0.706	0.705	0.662	7.12
40)	T	4-Methyl-2-pentanon	0.242	0.244	0.276	0.288	0.282	0.267	8.08
41)	S	Toluene-d8	1.320	1.470	1.516	1.581	1.562	1.490	7.00
42)	T	Toluene	1.638	1.718	1.962	1.998	1.941	1.851	8.76
43)	S	trans-1,3-Dichlorop	0.174	0.206	0.203	0.217	0.218	0.203	8.80
44)	T	trans-1,3-Dichlorop	0.441	0.508	0.552	0.570	0.575	0.529	10.52
45)	T	1,1,2-Trichloroetha	0.319	0.329	0.342	0.340	0.330	0.332	2.87
46)	S	2-Hexanone-d5	0.057	0.067	0.083	0.093	0.098	0.080	21.62
47)	T	Tetrachloroethene	0.369	0.379	0.408	0.411	0.396	0.392	4.63
48)	T	2-Hexanone	0.158	0.179	0.203	0.202	0.205	0.189	10.93
49)	T	Dibromochloromethan	0.397	0.385	0.424	0.426	0.415	0.410	4.30
50)	T	1,2-Dibromoethane	0.289	0.301	0.326	0.333	0.326	0.315	5.96
51)	T	Chlorobenzene	1.145	1.138	1.276	1.265	1.254	1.216	5.59
52)	T	Ethylbenzene	1.689	1.763	2.018	2.136	2.136	1.948	10.80

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		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	m,p-Xylene	0.580	0.652	0.784	0.826	0.846	0.738	15.74
54)	T	o-Xylene	0.569	0.613	0.762	0.805	0.816	0.713	16.07
55)	T	Styrene	0.869	0.965	1.288	1.377	1.395	1.179	20.74
56)	T	Isopropylbenzene	1.530	1.612	2.007	2.118	2.141	1.882	15.37
57)	S	1,1,2,2-Tetrachloro	0.388	0.440	0.427	0.438	0.441	0.427	5.20
58)	T	1,1,2,2-Tetrachloro	0.418	0.420	0.440	0.445	0.445	0.434	3.13
59)		1,2,3-Trichloroprop	0.302	0.292	0.314	0.314	0.312	0.307	3.07
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.522	0.470	0.446	0.427	0.407	0.454	9.79
62)	T	1,3-Dichlorobenzene	1.781	1.632	1.690	1.667	1.637	1.681	3.60
63)	T	1,4-Dichlorobenzene	1.636	1.565	1.642	1.647	1.605	1.619	2.12
64)	S	1,2-Dichlorobenzene	1.081	0.987	0.954	0.964	0.972	0.991	5.19
65)	T	1,2-Dichlorobenzene	1.619	1.535	1.602	1.583	1.550	1.578	2.22
66)	T	1,2-Dibromo-3-chlor	0.104	0.099	0.099	0.098	0.102	0.100	2.71
67)		1,3,5-Trichlorobenz	0.904	0.931	1.142	1.217	1.224	1.084	14.31
68)	T	1,2,4-trichlorobenz	0.520	0.442	0.620	0.795	0.886	0.653	28.44
69)		Naphthalene	0.630	0.484	0.685	0.982	1.239	0.804	37.74
70)	T	1,2,3-Trichlorobenz	0.530	0.452	0.616	0.754	0.805	0.631	23.47

(#) = Out of Range