Response Factor Report VOC_U

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
Method File : SOMUTR082818WMA.M
Title : TRACE VOA SOM01.0
Last Update : Wed Aug 29 00:04:52 2018
Response Via : Initial Calibration

Calibration Files
0.5 =VU026401.D 1 =VU026402.D 5 =VU026403.D
10 =VU026404.D 20 =VU026405.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.493	0.494	0.488	0.464	0.460	0.480	3.38
3)	T	Chloromethane	0.672	0.644	0.641	0.614	0.603	0.635	4.28
4)	S	Vinyl Chloride-d3	0.655	0.774	0.646	0.631	0.633	0.668	9.01
5)	T	Vinyl chloride	0.646	0.639	0.650	0.629	0.632	0.639	1.39
6)	T	Bromomethane	0.299	0.289	0.310	0.314	0.325	0.307	4.52
7)	S	Chloroethane-d5	0.496	0.576	0.479	0.477	0.476	0.501	8.52
8)	T	Chloroethane	0.409	0.379	0.369	0.361	0.363	0.376	5.18
9)	T	Trichlorofluorometh	0.756	0.774	0.780	0.751	0.747	0.762	1.90
10)	T	1,1,2-Trichloro-1,2	0.448	0.462	0.453	0.438	0.434	0.447	2.54
11)	S	1,1-Dichloroethene-	1.112	1.258	1.109	1.073	1.085	1.127	6.64
12)	T	1,1-Dichloroethene	0.399	0.418	0.416	0.409	0.406	0.410	1.87
13)	T	Acetone	0.114	0.092	0.086	0.082	0.081	0.091	14.73
14)	T	Carbon disulfide	1.599	1.506	1.490	1.459	1.466	1.504	3.76
15)	T	Methyl Acetate	0.306	0.270	0.249	0.226	0.231	0.256	12.81
16)	T	Methylene chloride	0.629	0.535	0.482	0.459	0.455	0.512	14.18
17)	T	Methyl tert-butyl E	1.036	0.989	1.055	1.025	1.035	1.028	2.38
18)	T	trans-1,2-Dichloroe	0.450	0.466	0.444	0.436	0.441	0.447	2.64
19)	T	1,1-Dichloroethane	0.968	0.927	0.930	0.913	0.903	0.928	2.67
20)	S	2-Butanone-d5	0.114	0.140	0.123	0.116	0.122	0.123	8.35
21)	T	2-Butanone	0.120	0.115	0.119	0.114	0.116	0.117	2.03
22)	T	cis-1,2-Dichloroeth	0.506	0.458	0.440	0.426	0.436	0.453	6.95
23)	T	Bromochloromethane	0.189	0.188	0.183	0.180	0.178	0.183	2.50
24)	S	Chloroform-d	0.628	0.791	0.793	0.791	0.817	0.764	10.07
25)	T	Chloroform	1.004	1.014	0.853	0.808	0.784	0.892	12.23
26)	S	1,2-Dichloroethane-	0.501	0.551	0.459	0.446	0.441	0.480	9.68
27)	T	1,2-Dichloroethane	0.531	0.468	0.504	0.490	0.491	0.497	4.63
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	0.645	0.628	0.636	0.630	0.601	0.628	2.59
30)	T	Cyclohexane	0.607	0.594	0.653	0.671	0.686	0.642	6.22
31)	T	Carbon tetrachlorid	0.592	0.544	0.570	0.573	0.552	0.566	3.31
32)	S	Benzene-d6	1.610	1.907	1.682	1.686	1.671	1.711	6.64
33)	T	Benzene	1.652	1.626	1.696	1.668	1.654	1.659	1.55
34)	T	Trichloroethene	0.530	0.454	0.423	0.423	0.410	0.448	10.90
35)	T	Methylcyclohexane	0.558	0.576	0.653	0.692	0.708	0.637	10.60
36)	S	1,2-Dichloropropane	0.543	0.643	0.559	0.551	0.541	0.568	7.58
37)	T	1,2-Dichloropropane	0.469	0.443	0.472	0.462	0.454	0.460	2.53
38)	T	Bromodichloromethan	0.575	0.515	0.550	0.541	0.524	0.541	4.36
39)	T	cis-1,3-Dichloropro	0.544	0.540	0.597	0.610	0.630	0.584	6.90
40)	T	4-Methyl-2-pentanon	0.233	0.223	0.273	0.280	0.287	0.259	11.14
41)	S	Toluene-d8	1.454	1.704	1.621	1.620	1.612	1.602	5.68
42)	T	Toluene	1.569	1.546	1.762	1.800	1.777	1.691	7.26
43)	S	trans-1,3-Dichlorop	0.185	0.215	0.204	0.211	0.218	0.207	6.46
44)	T	trans-1,3-Dichlorop	0.446	0.420	0.498	0.512	0.532	0.481	9.72
45)	T	1,1,2-Trichloroetha	0.288	0.290	0.300	0.287	0.278	0.289	2.80
46)	S	2-Hexanone-d5	0.067	0.088	0.095	0.101	0.109	0.092	17.54
47)	T	Tetrachloroethene	0.350	0.329	0.338	0.338	0.330	0.337	2.53
48)	T	2-Hexanone	0.170	0.168	0.206	0.205	0.210	0.192	11.00
49)	T	Dibromochloromethan	0.358	0.332	0.356	0.354	0.361	0.352	3.32
50)	T	1,2-Dibromoethane	0.280	0.265	0.278	0.270	0.271	0.273	2.36
51)	T	Chlorobenzene	1.115	1.063	1.096	1.098	1.112	1.097	1.88
52)	T	Ethylbenzene	1.595	1.603	1.834	1.942	1.985	1.792	10.29

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		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	m,p-xylene	0.575	0.542	0.689	0.732	0.758	0.659	14.54
54)	T	o-xylene	0.521	0.524	0.653	0.696	0.723	0.623	15.33
55)	T	Styrene	0.879	0.872	1.176	1.245	1.288	1.092	18.45
56)	T	Isopropylbenzene	1.348	1.405	1.728	1.868	1.944	1.659	16.26
57)	S	1,1,2,2-Tetrachloro	0.428	0.496	0.427	0.423	0.423	0.439	7.19
58)	T	1,1,2,2-Tetrachloro	0.377	0.370	0.385	0.376	0.383	0.378	1.57
59)		1,2,3-Trichloroprop	0.287	0.241	0.270	0.263	0.268	0.266	6.28
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.394	0.423	0.396	0.380	0.387	0.396	4.19
62)	T	1,3-Dichlorobenzene	1.603	1.598	1.631	1.606	1.624	1.612	0.89
63)	T	1,4-Dichlorobenzene	1.756	1.659	1.710	1.662	1.693	1.696	2.34
64)	S	1,2-Dichlorobenzene	1.160	1.321	1.146	1.086	1.123	1.167	7.75
65)	T	1,2-Dichlorobenzene	1.554	1.583	1.638	1.587	1.607	1.594	1.94
66)	T	1,2-Dibromo-3-chlor	0.104	0.103	0.114	0.105	0.107	0.107	4.15
67)		1,3,5-Trichlorobenz	1.386	1.335	1.325	1.330	1.364	1.348	1.95
68)	T	1,2,4-trichlorobenz	1.014	1.049	1.079	1.125	1.151	1.084	5.14
69)		Naphthalene	1.368	1.430	1.677	1.822	1.976	1.655	15.54
70)	T	1,2,3-Trichlorobenz	0.907	0.936	1.064	1.036	1.069	1.002	7.55

(#) = Out of Range