Response Factor Report VOC_U

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
Method File : SOMUTR040120WMA.M
Title : TRACE VOA SOM01.0
Last Update : Wed Apr 01 15:45:25 2020
Response Via : Initial Calibration

Calibration Files
0.5 =VU037522.D 1 =VU037523.D 5 =VU037524.D
10 =VU037525.D 20 =VU037526.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.446	0.388	0.372	0.363	0.364	0.386	9.00
3)	T	Chloromethane	0.447	0.395	0.384	0.389	0.387	0.400	6.59
4)	S	Vinyl Chloride-d3	0.472	0.445	0.389	0.390	0.399	0.419	8.97
5)	T	Vinyl chloride	0.431	0.407	0.399	0.396	0.392	0.405	3.81
6)	T	Bromomethane	0.208	0.208	0.197	0.175	0.180	0.194	8.04
7)	S	Chloroethane-d5	0.381	0.353	0.302	0.300	0.276	0.323	13.38
8)	T	Chloroethane	0.297	0.274	0.218	0.229	0.219	0.247	14.55
9)	T	Trichlorofluorometh	0.693	0.595	0.560	0.565	0.569	0.596	9.29
10)	T	1,1,2-Trichloro-1,2	0.412	0.306	0.339	0.327	0.327	0.342	11.87
11)	S	1,1-Dichloroethene-	0.830	0.761	0.707	0.711	0.711	0.744	7.12
12)	T	1,1-Dichloroethene	0.374	0.316	0.322	0.320	0.321	0.331	7.42
13)	T	Acetone	0.085	0.063	0.059	0.057	0.056	0.064	18.34
14)	T	Carbon disulfide	1.219	1.073	1.047	1.039	1.052	1.086	6.93
15)	T	Methyl Acetate	0.271	0.206	0.165	0.154	0.153	0.190	26.54
16)	T	Methylene chloride	0.451	0.414	0.366	0.355	0.354	0.388	11.07
17)	T	Methyl tert-butyl E	1.052	0.939	0.886	0.885	0.885	0.929	7.76
18)	T	trans-1,2-Dichloroe	0.411	0.361	0.349	0.336	0.339	0.359	8.54
19)	T	1,1-Dichloroethane	0.775	0.678	0.643	0.640	0.635	0.674	8.76
20)	S	2-Butanone-d5	0.125	0.116	0.110	0.108	0.108	0.114	6.48
21)	T	2-Butanone	0.139	0.108	0.107	0.104	0.105	0.113	13.17
22)	T	cis-1,2-Dichloroeth	0.423	0.401	0.379	0.380	0.377	0.392	5.11
23)	T	Bromochloromethane	0.207	0.172	0.161	0.154	0.158	0.171	12.56
24)	S	Chloroform-d	0.780	0.739	0.697	0.686	0.681	0.717	5.89
25)	T	Chloroform	0.795	0.724	0.663	0.639	0.652	0.695	9.36
26)	S	1,2-Dichloroethane-	0.465	0.410	0.375	0.365	0.368	0.397	10.68
27)	T	1,2-Dichloroethane	0.503	0.449	0.427	0.423	0.427	0.446	7.54
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	0.741	0.645	0.618	0.607	0.606	0.644	8.81
30)	T	Cyclohexane	0.825	0.703	0.662	0.653	0.651	0.699	10.56
31)	T	Carbon tetrachlorid	0.556	0.523	0.516	0.507	0.515	0.523	3.66
32)	S	Benzene-d6	1.716	1.628	1.464	1.455	1.457	1.544	7.84
33)	T	Benzene	1.800	1.612	1.536	1.497	1.491	1.587	8.09
34)	T	Trichloroethene	0.485	0.417	0.395	0.398	0.399	0.419	9.04
35)	T	Methylcyclohexane	0.797	0.708	0.676	0.668	0.656	0.701	8.16
36)	S	1,2-Dichloropropane	0.550	0.531	0.484	0.486	0.479	0.506	6.43
37)	T	1,2-Dichloropropane	0.490	0.432	0.419	0.398	0.402	0.428	8.69
38)	T	Bromodichloromethan	0.607	0.569	0.518	0.516	0.524	0.547	7.34
39)	T	cis-1,3-Dichloropro	0.733	0.660	0.613	0.640	0.631	0.655	7.10
40)	T	4-Methyl-2-pentanon	0.337	0.306	0.282	0.282	0.285	0.298	7.93
41)	S	Toluene-d8	1.559	1.480	1.340	1.349	1.348	1.415	7.02
42)	T	Toluene	1.853	1.701	1.645	1.627	1.609	1.687	5.86
43)	S	trans-1,3-Dichlorop	0.244	0.226	0.225	0.219	0.225	0.228	4.25
44)	T	trans-1,3-Dichlorop	0.629	0.554	0.565	0.564	0.562	0.575	5.33
45)	T	1,1,2-Trichloroetha	0.338	0.298	0.287	0.288	0.286	0.300	7.37
46)	S	2-Hexanone-d5	0.119	0.118	0.105	0.105	0.105	0.110	6.82
47)	T	Tetrachloroethene	0.292	0.270	0.273	0.269	0.267	0.274	3.75
48)	T	2-Hexanone	0.244	0.223	0.205	0.204	0.204	0.216	8.17
49)	T	Dibromochloromethan	0.376	0.371	0.343	0.347	0.348	0.357	4.32
50)	T	1,2-Dibromoethane	0.310	0.314	0.277	0.280	0.277	0.291	6.44
51)	T	Chlorobenzene	1.146	1.067	1.001	0.995	0.996	1.041	6.37
52)	T	Ethylbenzene	2.130	1.915	1.858	1.853	1.854	1.922	6.21

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		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	m,p-Xylene	0.826	0.725	0.691	0.688	0.682	0.722	8.35
54)	T	o-Xylene	0.757	0.722	0.680	0.661	0.659	0.696	6.15
55)	T	Styrene	1.299	1.215	1.172	1.162	1.161	1.202	4.86
56)	T	Isopropylbenzene	2.144	1.886	1.809	1.826	1.809	1.895	7.54
57)	S	1,1,2,2-Tetrachloro	0.436	0.452	0.396	0.389	0.393	0.413	6.93
58)	T	1,1,2,2-Tetrachloro	0.454	0.403	0.383	0.392	0.384	0.403	7.41
59)		1,2,3-Trichloroprop	0.311	0.279	0.275	0.265	0.274	0.281	6.34
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.460	0.401	0.396	0.403	0.398	0.411	6.59
62)	T	1,3-Dichlorobenzene	1.843	1.630	1.607	1.635	1.550	1.653	6.74
63)	T	1,4-Dichlorobenzene	1.892	1.749	1.587	1.633	1.542	1.681	8.40
64)	S	1,2-Dichlorobenzene	1.254	1.063	0.937	0.974	0.923	1.030	13.23
65)	T	1,2-Dichlorobenzene	1.884	1.575	1.471	1.522	1.455	1.582	11.11
66)	T	1,2-Dibromo-3-chlor	0.159	0.159	0.142	0.146	0.154	0.152	5.08
67)		1,3,5-Trichlorobenz	1.342	1.174	1.122	1.195	1.132	1.193	7.41
68)	T	1,2,4-trichlorobenz	1.111	1.199	1.055	1.119	1.067	1.110	5.12
69)		Naphthalene	2.747	2.521	2.298	2.457	2.324	2.469	7.31
70)	T	1,2,3-Trichlorobenz	1.073	0.980	0.924	0.998	0.948	0.985	5.82

(#) = Out of Range