Response Factor Report VOC_U

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
Method File : SOMUTR061920WMA.M
Title : TRACE VOA SOM01.0
Last Update : Fri Jun 19 17:35:52 2020
Response Via : Initial Calibration

Calibration Files
0.5 =VU038985.D 1 =VU038986.D 5 =VU038987.D
10 =VU038988.D 20 =VU038989.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.576	0.542	0.496	0.473	0.470	0.511	9.08
3)	T	Chloromethane	0.582	0.535	0.482	0.471	0.462	0.506	10.05
4)	S	Vinyl Chloride-d3	0.515	0.484	0.438	0.429	0.446	0.462	7.81
5)	T	Vinyl chloride	0.623	0.554	0.496	0.488	0.480	0.528	11.47
6)	T	Bromomethane	0.218	0.208	0.190	0.192	0.206	0.203	5.79
7)	S	Chloroethane-d5	0.374	0.373	0.322	0.321	0.318	0.342	8.53
8)	T	Chloroethane	0.336	0.328	0.290	0.282	0.267	0.301	9.97
9)	T	Trichlorofluorometh	0.836	0.702	0.658	0.624	0.619	0.688	12.99
10)	T	1,1,2-Trichloro-1,2	0.474	0.419	0.393	0.373	0.363	0.404	10.92
11)	S	1,1-Dichloroethene-	0.902	0.856	0.801	0.793	0.807	0.832	5.59
12)	T	1,1-Dichloroethene	0.398	0.382	0.361	0.358	0.353	0.370	5.07
13)	T	Acetone	0.092	0.092	0.083	0.081	0.080	0.086	7.10
14)	T	Carbon disulfide	1.385	1.315	1.233	1.192	1.186	1.262	6.81
15)	T	Methyl Acetate	0.241	0.224	0.199	0.199	0.200	0.213	8.91
16)	T	Methylene chloride	0.555	0.505	0.419	0.402	0.397	0.456	15.50
17)	T	Methyl tert-butyl E	1.000	0.989	0.947	0.969	1.003	0.982	2.38
18)	T	trans-1,2-Dichloroe	0.426	0.401	0.383	0.372	0.375	0.391	5.75
19)	T	1,1-Dichloroethane	0.827	0.774	0.734	0.728	0.714	0.756	6.08
20)	S	2-Butanone-d5	0.145	0.144	0.131	0.133	0.143	0.139	4.76
21)	T	2-Butanone	0.136	0.140	0.137	0.138	0.141	0.138	1.57
22)	T	cis-1,2-Dichloroeth	0.445	0.414	0.401	0.404	0.410	0.415	4.27
23)	T	Bromochloromethane	0.203	0.199	0.182	0.183	0.180	0.189	5.57
24)	S	Chloroform-d	0.867	0.833	0.768	0.756	0.776	0.800	5.97
25)	T	Chloroform	0.792	0.786	0.734	0.712	0.702	0.745	5.61
26)	S	1,2-Dichloroethane-	0.513	0.518	0.444	0.429	0.442	0.469	9.10
27)	T	1,2-Dichloroethane	0.577	0.580	0.521	0.507	0.501	0.537	7.15
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	0.668	0.692	0.636	0.620	0.610	0.645	5.27
30)	T	Cyclohexane	0.646	0.626	0.631	0.635	0.651	0.638	1.64
31)	T	Carbon tetrachlorid	0.585	0.573	0.532	0.518	0.504	0.542	6.44
32)	S	Benzene-d6	1.546	1.607	1.510	1.492	1.533	1.538	2.85
33)	T	Benzene	1.673	1.670	1.646	1.608	1.556	1.631	3.02
34)	T	Trichloroethene	0.442	0.435	0.394	0.384	0.383	0.408	7.01
35)	T	Methylcyclohexane	0.601	0.591	0.639	0.638	0.672	0.628	5.20
36)	S	1,2-Dichloropropane	0.526	0.515	0.469	0.471	0.479	0.492	5.43
37)	T	1,2-Dichloropropane	0.481	0.457	0.432	0.417	0.413	0.440	6.52
38)	T	Bromodichloromethan	0.562	0.548	0.628	0.603	0.518	0.572	7.68
39)	T	cis-1,3-Dichloropro	0.605	0.678	0.710	0.771	0.711	0.695	8.72
40)	T	4-Methyl-2-pentanon	0.314	0.406	0.403	0.416	0.324	0.373	13.21
41)	S	Toluene-d8	1.325	1.668	1.555	1.562	1.366	1.495	9.68
42)	T	Toluene	1.640	1.969	1.957	1.903	1.641	1.822	9.20
43)	S	trans-1,3-Dichlorop	0.209	0.269	0.254	0.209	0.225	0.233	11.63
44)	T	trans-1,3-Dichlorop	0.567	0.659	0.683	0.557	0.578	0.609	9.48
45)	T	1,1,2-Trichloroetha	0.349	0.406	0.367	0.305	0.309	0.347	12.18
46)	S	2-Hexanone-d5	0.085	0.108	0.098	0.104	0.114	0.102	10.92
47)	T	Tetrachloroethene	0.320	0.364	0.293	0.286	0.287	0.310	10.74
48)	T	2-Hexanone	0.227	0.293	0.242	0.239	0.247	0.250	10.11
49)	T	Dibromochloromethan	0.384	0.448	0.346	0.344	0.353	0.375	11.63
50)	T	1,2-Dibromoethane	0.348	0.371	0.303	0.295	0.295	0.322	10.82
51)	T	Chlorobenzene	1.152	1.084	1.032	1.013	1.027	1.062	5.41
52)	T	Ethylbenzene	1.699	1.692	1.746	1.796	2.204	1.827	11.74

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		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	m,p-Xylene	0.614	0.601	0.687	0.692	0.843	0.687	13.98
54)	T	o-Xylene	0.601	0.602	0.659	0.664	0.810	0.667	12.79
55)	T	Styrene	0.958	1.014	1.151	1.174	1.428	1.145	15.91
56)	T	Isopropylbenzene	1.659	1.537	1.735	1.771	1.941	1.729	8.59
57)	S	1,1,2,2-Tetrachloro	0.446	0.450	0.419	0.419	0.454	0.438	3.96
58)	T	1,1,2,2-Tetrachloro	0.452	0.439	0.413	0.410	0.418	0.426	4.33
59)		1,2,3-Trichloroprop	0.338	0.330	0.302	0.299	0.312	0.317	5.44
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.427	0.414	0.373	0.375	0.453	0.408	8.42
62)	T	1,3-Dichlorobenzene	1.799	1.631	1.598	1.558	1.569	1.631	6.02
63)	T	1,4-Dichlorobenzene	1.905	1.735	1.591	1.562	1.589	1.676	8.64
64)	S	1,2-Dichlorobenzene	1.049	1.039	0.973	0.956	1.018	1.007	4.04
65)	T	1,2-Dichlorobenzene	1.727	1.567	1.517	1.490	1.522	1.565	6.08
66)	T	1,2-Dibromo-3-chlor	0.154	0.139	0.131	0.162	0.145	0.146	8.33
67)		1,3,5-Trichlorobenz	1.310	1.217	1.188	1.308	1.217	1.248	4.57
68)	T	1,2,4-trichlorobenz	1.178	1.020	1.019	1.193	1.126	1.107	7.58
69)		Naphthalene	1.941	1.675	1.867	2.372	2.307	2.032	14.65
70)	T	1,2,3-Trichlorobenz	1.075	0.944	1.096	1.143	1.029	1.057	7.13

(#) = Out of Range