Response Factor Report VOC_U

Method Path : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\
Method File : SOMUTR102120WMA.M
Title : TRACE VOA SOM01.0
Last Update : Thu Oct 22 00:13:52 2020
Response Via : Initial Calibration

Calibration Files
0.5 =VU040865.D 1 =VU040866.D 5 =VU040867.D
10 =VU040868.D 20 =VU040869.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.544	0.520	0.505	0.485	0.485	0.508	4.94
3)	T	Chloromethane	0.586	0.579	0.553	0.518	0.520	0.551	5.81
4)	S	Vinyl Chloride-d3	0.335	0.357	0.351	0.331	0.341	0.343	3.15
5)	T	Vinyl chloride	0.544	0.494	0.508	0.505	0.511	0.512	3.66
6)	T	Bromomethane	0.305	0.274	0.254	0.239	0.219	0.258	12.84
7)	S	Chloroethane-d5	0.301	0.303	0.301	0.291	0.298	0.299	1.56
8)	T	Chloroethane	0.384	0.342	0.322	0.302	0.306	0.331	10.09
9)	T	Trichlorofluorometh	0.703	0.677	0.680	0.649	0.670	0.676	2.89
10)	T	1,1,2-Trichloro-1,2	0.388	0.399	0.403	0.386	0.389	0.393	1.97
11)	S	1,1-Dichloroethene-	0.721	0.741	0.726	0.717	0.741	0.729	1.54
12)	T	1,1-Dichloroethene	0.366	0.375	0.369	0.353	0.369	0.366	2.20
13)	T	Acetone	0.103	0.091	0.079	0.076	0.078	0.086	13.40
14)	T	Carbon disulfide	1.445	1.263	1.302	1.241	1.264	1.303	6.34
15)	T	Methyl Acetate	0.267	0.223	0.197	0.195	0.201	0.216	14.09
16)	T	Methylene chloride	0.554	0.467	0.421	0.404	0.404	0.450	14.11
17)	T	Methyl tert-butyl E	0.882	0.820	0.889	0.899	0.966	0.891	5.84
18)	T	trans-1,2-Dichloroe	0.383	0.369	0.377	0.375	0.394	0.380	2.52
19)	T	1,1-Dichloroethane	0.786	0.757	0.770	0.747	0.760	0.764	1.96
20)	S	2-Butanone-d5	0.113	0.120	0.122	0.123	0.131	0.122	5.06
21)	T	2-Butanone	0.129	0.122	0.128	0.131	0.135	0.129	3.68
22)	T	cis-1,2-Dichloroeth	0.446	0.396	0.411	0.407	0.425	0.417	4.64
23)	T	Bromochloromethane	0.181	0.193	0.189	0.180	0.188	0.186	3.06
24)	S	Chloroform-d	0.738	0.783	0.764	0.729	0.748	0.752	2.84
25)	T	Chloroform	0.820	0.793	0.782	0.746	0.758	0.780	3.77
26)	S	1,2-Dichloroethane-	0.424	0.433	0.426	0.410	0.415	0.422	2.11
27)	T	1,2-Dichloroethane	0.564	0.523	0.537	0.513	0.525	0.532	3.65
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	0.648	0.622	0.661	0.642	0.676	0.650	3.15
30)	T	Cyclohexane	0.569	0.580	0.661	0.685	0.748	0.648	11.56
31)	T	Carbon tetrachlorid	0.596	0.534	0.572	0.561	0.594	0.571	4.50
32)	S	Benzene-d6	1.253	1.250	1.327	1.328	1.388	1.309	4.46
33)	T	Benzene	1.589	1.499	1.650	1.622	1.675	1.607	4.25
34)	T	Trichloroethene	0.415	0.399	0.399	0.408	0.424	0.409	2.65
35)	T	Methylcyclohexane	0.527	0.544	0.626	0.658	0.706	0.612	12.35
36)	S	1,2-Dichloropropane	0.429	0.435	0.450	0.444	0.468	0.445	3.37
37)	T	1,2-Dichloropropane	0.425	0.428	0.444	0.427	0.445	0.434	2.30
38)	T	Bromodichloromethan	0.550	0.542	0.545	0.548	0.570	0.551	1.97
39)	T	cis-1,3-Dichloropro	0.535	0.509	0.589	0.606	0.662	0.580	10.40
40)	T	4-Methyl-2-pentanon	0.252	0.254	0.302	0.314	0.334	0.291	12.61
41)	S	Toluene-d8	1.084	1.070	1.216	1.198	1.244	1.162	6.86
42)	T	Toluene	1.466	1.454	1.701	1.699	1.753	1.614	8.85
43)	S	trans-1,3-Dichlorop	0.168	0.165	0.179	0.182	0.198	0.178	7.34
44)	T	trans-1,3-Dichlorop	0.494	0.454	0.539	0.552	0.588	0.525	9.96
45)	T	1,1,2-Trichloroetha	0.298	0.290	0.302	0.288	0.300	0.296	2.06
46)	S	2-Hexanone-d5	0.068	0.074	0.095	0.100	0.112	0.090	20.50
47)	T	Tetrachloroethene	0.310	0.299	0.300	0.299	0.314	0.304	2.36
48)	T	2-Hexanone	0.187	0.184	0.224	0.226	0.239	0.212	11.84
49)	T	Dibromochloromethan	0.347	0.341	0.358	0.353	0.366	0.353	2.74
50)	T	1,2-Dibromoethane	0.278	0.254	0.283	0.275	0.291	0.276	5.00
51)	T	Chlorobenzene	1.046	1.003	1.049	1.033	1.081	1.042	2.70
52)	T	Ethylbenzene	1.617	1.499	1.753	1.846	1.964	1.736	10.57

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		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	m,p-Xylene	0.516	0.535	0.663	0.689	0.725	0.625	15.09
54)	T	o-Xylene	0.488	0.513	0.625	0.653	0.693	0.595	15.01
55)	T	Styrene	0.867	0.810	1.124	1.162	1.208	1.034	17.63
56)	T	Isopropylbenzene	1.327	1.312	1.689	1.763	1.865	1.591	16.07
57)	S	1,1,2,2-Tetrachloro	0.352	0.374	0.396	0.378	0.394	0.379	4.71
58)	T	1,1,2,2-Tetrachloro	0.384	0.344	0.382	0.378	0.396	0.377	5.22
59)		1,2,3-Trichloroprop	0.287	0.275	0.281	0.279	0.289	0.282	2.11
60)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------				
61)	T	Bromoform	0.369	0.363	0.363	0.356	0.381	0.367	2.52
62)	T	1,3-Dichlorobenzene	1.549	1.510	1.635	1.580	1.648	1.584	3.66
63)	T	1,4-Dichlorobenzene	1.692	1.525	1.653	1.613	1.659	1.628	3.94
64)	S	1,2-Dichlorobenzene	0.900	0.865	0.873	0.847	0.909	0.879	2.86
65)	T	1,2-Dichlorobenzene	1.473	1.442	1.503	1.458	1.559	1.487	3.10
66)	T	1,2-Dibromo-3-chlor	0.161	0.140	0.129	0.122	0.139	0.138	10.69
67)		1,3,5-Trichlorobenz	1.174	1.161	1.117	1.135	1.226	1.163	3.60
68)	T	1,2,4-trichlorobenz	0.955	0.920	0.944	0.982	1.101	0.980	7.24
69)		Naphthalene	1.676	1.498	1.732	1.892	2.224	1.804	15.17
70)	T	1,2,3-Trichlorobenz	0.990	0.890	0.921	0.935	1.018	0.951	5.49

(#) = Out of Range