Response Factor Report VOC_U

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
Method File : SOMUTR100719WMA.M
Title : TRACE VOA SOM01.0
Last Update : Wed Oct 09 02:12:06 2019
Response Via : Initial Calibration

Calibration Files
0.5 =VU034949.D 1 =VU034950.D 5 =VU034951.D
10 =VU034952.D 20 =VU034953.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.464	0.435	0.443	0.469	0.473	0.457	3.64
3)	T	Chloromethane	0.546	0.475	0.479	0.505	0.502	0.501	5.64
4)	S	Vinyl Chloride-d3	0.301	0.278	0.281	0.306	0.311	0.296	5.05
5)	T	Vinyl chloride	0.504	0.465	0.482	0.502	0.509	0.492	3.80
6)	T	Bromomethane	0.270	0.235	0.251	0.277	0.336	0.274	14.00
7)	S	Chloroethane-d5	0.251	0.254	0.269	0.297	0.308	0.276	9.35
8)	T	Chloroethane	0.305	0.263	0.292	0.319	0.297	0.295	6.98
9)	T	Trichlorofluorometh	0.631	0.552	0.578	0.610	0.606	0.595	5.20
10)	T	1,1,2-Trichloro-1,2	0.376	0.330	0.321	0.341	0.342	0.342	6.05
11)	S	1,1-Dichloroethene-	0.645	0.588	0.597	0.636	0.650	0.623	4.59
12)	T	1,1-Dichloroethene	0.336	0.304	0.312	0.321	0.333	0.321	4.18
13)	T	Acetone	0.081	0.063	0.068	0.069	0.076	0.071	9.73
14)	T	Carbon disulfide	1.124	0.981	1.030	1.097	1.112	1.069	5.70
15)	T	Methyl Acetate	0.224	0.173	0.174	0.182	0.197	0.190	11.28
16)	T	Methylene chloride	0.494	0.409	0.358	0.364	0.364	0.398	14.46
17)	T	Methyl tert-butyl E	0.892	0.823	0.841	0.886	0.939	0.876	5.23
18)	T	trans-1,2-Dichloroe	0.361	0.331	0.332	0.344	0.351	0.344	3.66
19)	T	1,1-Dichloroethane	0.730	0.636	0.664	0.693	0.694	0.684	5.17
20)	S	2-Butanone-d5	0.077	0.075	0.084	0.094	0.105	0.087	14.03
21)	T	2-Butanone	0.094	0.082	0.102	0.109	0.121	0.102	14.40
22)	T	cis-1,2-Dichloroeth	0.403	0.355	0.361	0.393	0.406	0.384	6.25
23)	T	Bromochloromethane	0.153	0.150	0.162	0.166	0.173	0.161	5.73
24)	S	Chloroform-d	0.534	0.522	0.519	0.576	0.612	0.553	7.27
25)	T	Chloroform	0.882	0.760	0.727	0.746	0.724	0.768	8.55
26)	S	1,2-Dichloroethane-	0.343	0.321	0.312	0.333	0.347	0.331	4.49
27)	T	1,2-Dichloroethane	0.464	0.417	0.428	0.460	0.474	0.449	5.45
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	0.583	0.519	0.541	0.589	0.575	0.562	5.33
30)	T	Cyclohexane	0.621	0.548	0.599	0.660	0.660	0.617	7.62
31)	T	Carbon tetrachlorid	0.475	0.448	0.479	0.519	0.513	0.487	6.03
32)	S	Benzene-d6	1.116	1.102	1.124	1.267	1.254	1.172	6.89
33)	T	Benzene	1.565	1.386	1.464	1.582	1.533	1.506	5.38
34)	T	Trichloroethene	0.413	0.347	0.377	0.408	0.397	0.388	6.88
35)	T	Methylcyclohexane	0.623	0.558	0.612	0.673	0.680	0.629	7.95
36)	S	1,2-Dichloropropane	0.384	0.370	0.373	0.418	0.413	0.392	5.73
37)	T	1,2-Dichloropropane	0.424	0.375	0.392	0.423	0.417	0.406	5.31
38)	T	Bromodichloromethan	0.495	0.433	0.457	0.501	0.495	0.476	6.28
39)	T	cis-1,3-Dichloropro	0.532	0.468	0.533	0.604	0.616	0.550	10.97
40)	T	4-Methyl-2-pentanon	0.248	0.215	0.244	0.275	0.296	0.256	12.13
41)	S	Toluene-d8	1.051	1.030	1.113	1.245	1.230	1.134	8.78
42)	T	Toluene	1.507	1.402	1.571	1.710	1.670	1.572	7.89
43)	S	trans-1,3-Dichlorop	0.121	0.120	0.132	0.164	0.167	0.141	16.38
44)	T	trans-1,3-Dichlorop	0.403	0.334	0.419	0.474	0.501	0.426	15.24
45)	T	1,1,2-Trichloroetha	0.261	0.255	0.263	0.281	0.288	0.270	5.24
46)	S	2-Hexanone-d5	0.047	0.054	0.067	0.078	0.089	0.067	25.40
47)	T	Tetrachloroethene	0.350	0.284	0.300	0.322	0.316	0.314	7.85
48)	T	2-Hexanone	0.167	0.131	0.173	0.195	0.210	0.175	17.20
49)	T	Dibromochloromethan	0.302	0.267	0.310	0.332	0.349	0.312	10.09
50)	T	1,2-Dibromoethane	0.254	0.225	0.251	0.277	0.282	0.258	8.94
51)	T	Chlorobenzene	1.064	0.934	0.984	1.064	1.048	1.019	5.65
52)	T	Ethylbenzene	1.703	1.516	1.709	1.877	1.877	1.736	8.62

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
Method File : SOMUTR100719WMA.M
Title : TRACE VOA SOM01.0
Last Update : Wed Oct 09 02:12:06 2019
Response Via : Initial Calibration

Calibration Files
0.5 =VU034949.D 1 =VU034950.D 5 =VU034951.D
10 =VU034952.D 20 =VU034953.D

		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	m,p-Xylene	0.627	0.536	0.636	0.705	0.702	0.641	10.72
54)	T	o-Xylene	0.598	0.550	0.618	0.683	0.687	0.627	9.33
55)	T	Styrene	0.875	0.846	1.023	1.160	1.175	1.016	15.13
56)	T	Isopropylbenzene	1.607	1.432	1.644	1.830	1.844	1.671	10.24
57)	S	1,1,2,2-Tetrachloro	0.327	0.306	0.313	0.344	0.362	0.330	6.88
58)	T	1,1,2,2-Tetrachloro	0.376	0.328	0.350	0.381	0.400	0.367	7.62
59)		1,2,3-Trichloroprop	0.269	0.244	0.250	0.270	0.283	0.263	6.08
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.367	0.303	0.318	0.345	0.381	0.343	9.46
62)	T	1,3-Dichlorobenzene	1.632	1.448	1.497	1.554	1.570	1.540	4.58
63)	T	1,4-Dichlorobenzene	1.700	1.429	1.491	1.575	1.577	1.555	6.59
64)	S	1,2-Dichlorobenzene	0.872	0.832	0.793	0.851	0.869	0.843	3.81
65)	T	1,2-Dichlorobenzene	1.584	1.402	1.446	1.491	1.509	1.486	4.62
66)	T	1,2-Dibromo-3-chlor	0.089	0.068	0.097	0.102	0.115	0.094	18.28
67)		1,3,5-Trichlorobenz	0.992	0.939	1.037	1.112	1.135	1.043	7.82
68)	T	1,2,4-trichlorobenz	0.567	0.554	0.770	0.946	1.056	0.779	28.74
69)		Naphthalene	0.714	0.745	1.147	1.518	1.932	1.211	42.94
70)	T	1,2,3-Trichlorobenz	0.612	0.570	0.742	0.880	0.984	0.757	23.14

(#) = Out of Range