Response Factor Report VOC_U

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
Method File : SOMUTR062719WMA.M
Title : TRACE VOA SOM01.0
Last Update : Fri Jun 28 01:54:15 2019
Response Via : Initial Calibration

Calibration Files
0.5 =VU033053.D 1 =VU033054.D 5 =VU033055.D
10 =VU033056.D 20 =VU033057.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.501	0.537	0.521	0.511	0.504	0.515	2.83
3)	T	Chloromethane	0.501	0.514	0.469	0.466	0.474	0.485	4.45
4)	S	Vinyl Chloride-d3	0.342	0.328	0.326	0.335	0.332	0.333	1.89
5)	T	Vinyl chloride	0.505	0.513	0.476	0.475	0.476	0.489	3.79
6)	T	Bromomethane	0.254	0.264	0.246	0.255	0.263	0.256	2.85
7)	S	Chloroethane-d5	0.262	0.265	0.280	0.281	0.272	0.272	3.17
8)	T	Chloroethane	0.278	0.303	0.278	0.278	0.278	0.283	3.88
9)	T	Trichlorofluorometh	0.674	0.701	0.705	0.700	0.686	0.693	1.88
10)	T	1,1,2-Trichloro-1,2	0.363	0.361	0.362	0.357	0.350	0.359	1.44
11)	S	1,1-Dichloroethene-	0.686	0.728	0.734	0.733	0.729	0.722	2.84
12)	T	1,1-Dichloroethene	0.343	0.341	0.331	0.325	0.325	0.333	2.60
13)	T	Acetone	0.089	0.095	0.083	0.078	0.080	0.085	8.11
14)	T	Carbon disulfide	1.146	1.139	1.091	1.085	1.076	1.107	2.94
15)	T	Methyl Acetate	0.204	0.211	0.196	0.185	0.189	0.197	5.37
16)	T	Methylene chloride	0.417	0.404	0.370	0.361	0.357	0.382	7.03
17)	T	Methyl tert-butyl E	0.925	0.961	0.941	0.913	0.927	0.934	1.97
18)	T	trans-1,2-Dichloroe	0.369	0.390	0.355	0.355	0.352	0.364	4.31
19)	T	1,1-Dichloroethane	0.721	0.739	0.711	0.707	0.702	0.716	2.05
20)	S	2-Butanone-d5	0.085	0.098	0.107	0.104	0.110	0.101	9.80
21)	T	2-Butanone	0.114	0.125	0.122	0.116	0.122	0.120	3.88
22)	T	cis-1,2-Dichloroeth	0.386	0.401	0.391	0.399	0.402	0.396	1.77
23)	T	Bromochloromethane	0.146	0.190	0.185	0.178	0.179	0.176	9.85
24)	S	Chloroform-d	0.679	0.686	0.694	0.700	0.693	0.690	1.17
25)	T	Chloroform	0.676	0.780	0.724	0.736	0.721	0.728	5.10
26)	S	1,2-Dichloroethane-	0.401	0.396	0.399	0.393	0.386	0.395	1.51
27)	T	1,2-Dichloroethane	0.492	0.505	0.494	0.498	0.503	0.498	1.18
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	0.605	0.686	0.637	0.629	0.620	0.635	4.83
30)	T	Cyclohexane	0.561	0.572	0.594	0.602	0.614	0.589	3.68
31)	T	Carbon tetrachlorid	0.554	0.609	0.583	0.576	0.568	0.578	3.53
32)	S	Benzene-d6	1.153	1.202	1.288	1.275	1.274	1.238	4.72
33)	T	Benzene	1.433	1.501	1.501	1.477	1.459	1.474	1.99
34)	T	Trichloroethene	0.388	0.425	0.409	0.403	0.394	0.404	3.62
35)	T	Methylcyclohexane	0.542	0.598	0.590	0.635	0.640	0.601	6.63
36)	S	1,2-Dichloropropane	0.360	0.416	0.417	0.411	0.409	0.403	5.99
37)	T	1,2-Dichloropropane	0.402	0.380	0.406	0.397	0.392	0.395	2.58
38)	T	Bromodichloromethan	0.511	0.537	0.528	0.520	0.510	0.521	2.19
39)	T	cis-1,3-Dichloropro	0.507	0.594	0.567	0.602	0.612	0.576	7.33
40)	T	4-Methyl-2-pentanon	0.239	0.269	0.281	0.281	0.292	0.272	7.49
41)	S	Toluene-d8	1.073	1.133	1.247	1.264	1.239	1.191	7.03
42)	T	Toluene	1.436	1.564	1.623	1.632	1.618	1.575	5.20
43)	S	trans-1,3-Dichlorop	0.138	0.153	0.180	0.183	0.189	0.169	12.89
44)	T	trans-1,3-Dichlorop	0.393	0.469	0.490	0.488	0.509	0.470	9.57
45)	T	1,1,2-Trichloroetha	0.265	0.292	0.279	0.275	0.275	0.277	3.55
46)	S	2-Hexanone-d5	0.050	0.057	0.076	0.080	0.087	0.070	22.32
47)	T	Tetrachloroethene	0.294	0.327	0.335	0.335	0.332	0.325	5.39
48)	T	2-Hexanone	0.162	0.188	0.205	0.205	0.214	0.195	10.52
49)	T	Dibromochloromethan	0.315	0.354	0.360	0.361	0.370	0.352	6.07
50)	T	1,2-Dibromoethane	0.259	0.267	0.277	0.272	0.276	0.270	2.79
51)	T	Chlorobenzene	0.979	1.123	1.030	1.032	1.037	1.040	4.98
52)	T	Ethylbenzene	1.561	1.706	1.742	1.811	1.848	1.734	6.43

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		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	m,p-Xylene	0.555	0.571	0.649	0.678	0.693	0.629	9.99
54)	T	o-Xylene	0.498	0.587	0.635	0.666	0.681	0.613	12.08
55)	T	Styrene	0.833	0.938	1.088	1.143	1.189	1.038	14.34
56)	T	Isopropylbenzene	1.412	1.580	1.682	1.791	1.859	1.665	10.63
57)	S	1,1,2,2-Tetrachloro	0.310	0.339	0.364	0.354	0.372	0.348	7.01
58)	T	1,1,2,2-Tetrachloro	0.325	0.367	0.368	0.362	0.376	0.360	5.55
59)		1,2,3-Trichloroprop	0.248	0.268	0.272	0.259	0.275	0.265	4.17
60)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------				
61)	T	Bromoform	0.348	0.400	0.384	0.378	0.393	0.381	5.35
62)	T	1,3-Dichlorobenzene	1.527	1.599	1.555	1.564	1.574	1.563	1.68
63)	T	1,4-Dichlorobenzene	1.660	1.705	1.568	1.621	1.602	1.631	3.24
64)	S	1,2-Dichlorobenzene	0.973	0.934	0.942	0.950	0.933	0.946	1.74
65)	T	1,2-Dichlorobenzene	1.464	1.546	1.516	1.529	1.528	1.517	2.08
66)	T	1,2-Dibromo-3-chlor	0.076	0.101	0.112	0.111	0.122	0.104	16.61
67)		1,3,5-Trichlorobenz	1.117	1.286	1.265	1.280	1.283	1.246	5.84
68)	T	1,2,4-trichlorobenz	0.558	0.789	0.961	1.036	1.109	0.891	24.78
69)		Naphthalene	0.736	1.006	1.297	1.622	1.874	1.307	35.03
70)	T	1,2,3-Trichlorobenz	0.637	0.790	0.930	0.989	1.020	0.873	18.19

(#) = Out of Range