Response Factor Report VOC_U

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
Method File : SOMUTR031620WMA.M
Title : TRACE VOA SOM01.0
Last Update : Mon Mar 16 18:59:32 2020
Response Via : Initial Calibration

Calibration Files
0.5 =VU037288.D 1 =VU037289.D 5 =VU037290.D
10 =VU037291.D 20 =VU037292.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.611	0.531	0.572	0.601	0.578	0.579	5.34
3)	T	Chloromethane	0.658	0.556	0.528	0.563	0.536	0.568	9.19
4)	S	Vinyl Chloride-d3	0.258	0.253	0.248	0.278	0.265	0.261	4.51
5)	T	Vinyl chloride	0.566	0.465	0.487	0.514	0.510	0.509	7.37
6)	T	Bromomethane	0.307	0.232	0.247	0.261	0.246	0.259	11.16
7)	S	Chloroethane-d5	0.227	0.221	0.229	0.249	0.239	0.233	4.75
8)	T	Chloroethane	0.357	0.281	0.267	0.278	0.284	0.293	12.37
9)	T	Trichlorofluorometh	0.852	0.721	0.736	0.776	0.752	0.767	6.72
10)	T	1,1,2-Trichloro-1,2	0.387	0.331	0.342	0.361	0.355	0.355	5.97
11)	S	1,1-Dichloroethene-	0.583	0.529	0.576	0.601	0.575	0.573	4.62
12)	T	1,1-Dichloroethene	0.362	0.288	0.314	0.323	0.316	0.321	8.33
13)	T	Acetone	0.061	0.063	0.068	0.070	0.071	0.067	6.63
14)	T	Carbon disulfide	1.174	0.971	0.988	1.037	0.997	1.033	7.98
15)	T	Methyl Acetate	0.140	0.158	0.153	0.160	0.154	0.153	5.10
16)	T	Methylene chloride	0.459	0.375	0.359	0.367	0.368	0.386	10.80
17)	T	Methyl tert-butyl E	0.978	0.840	0.897	0.948	0.944	0.921	5.85
18)	T	trans-1,2-Dichloroe	0.388	0.312	0.331	0.350	0.347	0.345	8.13
19)	T	1,1-Dichloroethane	0.791	0.632	0.677	0.702	0.678	0.696	8.45
20)	S	2-Butanone-d5	0.071	0.073	0.080	0.087	0.083	0.079	8.65
21)	T	2-Butanone	0.102	0.096	0.108	0.113	0.113	0.106	6.81
22)	T	cis-1,2-Dichloroeth	0.420	0.350	0.366	0.392	0.389	0.383	6.96
23)	T	Bromochloromethane	0.181	0.165	0.173	0.178	0.172	0.174	3.52
24)	S	Chloroform-d	0.555	0.573	0.598	0.660	0.622	0.602	6.91
25)	T	Chloroform	0.857	0.715	0.731	0.758	0.726	0.758	7.60
26)	S	1,2-Dichloroethane-	0.369	0.330	0.343	0.367	0.346	0.351	4.80
27)	T	1,2-Dichloroethane	0.585	0.501	0.515	0.537	0.524	0.532	6.07
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	0.754	0.633	0.686	0.678	0.668	0.684	6.47
30)	T	Cyclohexane	0.642	0.545	0.602	0.632	0.643	0.613	6.76
31)	T	Carbon tetrachlorid	0.644	0.544	0.597	0.611	0.612	0.602	6.08
32)	S	Benzene-d6	1.024	0.977	1.075	1.131	1.089	1.059	5.63
33)	T	Benzene	1.666	1.348	1.496	1.502	1.496	1.502	7.51
34)	T	Trichloroethene	0.455	0.379	0.407	0.406	0.403	0.410	6.65
35)	T	Methylcyclohexane	0.620	0.538	0.618	0.659	0.667	0.620	8.25
36)	S	1,2-Dichloropropane	0.339	0.327	0.356	0.367	0.350	0.348	4.43
37)	T	1,2-Dichloropropane	0.434	0.361	0.398	0.398	0.394	0.397	6.46
38)	T	Bromodichloromethan	0.647	0.503	0.551	0.549	0.544	0.559	9.50
39)	T	cis-1,3-Dichloropro	0.620	0.520	0.597	0.615	0.633	0.597	7.49
40)	T	4-Methyl-2-pentanon	0.265	0.238	0.277	0.276	0.282	0.268	6.64
41)	S	Toluene-d8	0.973	0.940	1.057	1.116	1.071	1.031	7.04
42)	T	Toluene	1.652	1.425	1.651	1.686	1.680	1.619	6.76
43)	S	trans-1,3-Dichlorop	0.153	0.126	0.159	0.167	0.168	0.155	11.03
44)	T	trans-1,3-Dichlorop	0.501	0.434	0.502	0.524	0.543	0.501	8.18
45)	T	1,1,2-Trichloroetha	0.321	0.267	0.285	0.281	0.278	0.286	7.06
46)	S	2-Hexanone-d5	0.062	0.057	0.072	0.077	0.078	0.069	13.62
47)	T	Tetrachloroethene	0.343	0.290	0.317	0.323	0.319	0.319	5.95
48)	T	2-Hexanone	0.196	0.173	0.202	0.205	0.208	0.197	7.01
49)	T	Dibromochloromethan	0.387	0.343	0.375	0.378	0.384	0.373	4.75
50)	T	1,2-Dibromoethane	0.292	0.253	0.280	0.282	0.283	0.278	5.24
51)	T	Chlorobenzene	1.137	0.978	1.025	1.043	1.041	1.045	5.54
52)	T	Ethylbenzene	1.913	1.575	1.837	1.917	1.942	1.837	8.25

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		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	m,p-Xylene	0.698	0.571	0.678	0.714	0.716	0.676	8.91
54)	T	o-Xylene	0.629	0.557	0.669	0.680	0.688	0.645	8.36
55)	T	Styrene	1.096	0.870	1.103	1.177	1.179	1.085	11.64
56)	T	Isopropylbenzene	1.833	1.533	1.810	1.897	1.938	1.802	8.82
57)	S	1,1,2,2-Tetrachloro	0.284	0.273	0.314	0.310	0.310	0.298	6.15
58)	T	1,1,2,2-Tetrachloro	0.434	0.341	0.373	0.368	0.372	0.378	9.03
59)		1,2,3-Trichloroprop	0.325	0.255	0.279	0.272	0.278	0.282	9.24
60)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------				
61)	T	Bromoform	0.507	0.439	0.417	0.418	0.423	0.441	8.63
62)	T	1,3-Dichlorobenzene	1.884	1.653	1.595	1.648	1.611	1.678	7.00
63)	T	1,4-Dichlorobenzene	1.963	1.610	1.551	1.619	1.613	1.671	9.91
64)	S	1,2-Dichlorobenzene	0.909	0.789	0.782	0.815	0.789	0.817	6.49
65)	T	1,2-Dichlorobenzene	2.008	1.562	1.526	1.538	1.536	1.634	12.83
66)	T	1,2-Dibromo-3-chlor	0.145	0.118	0.119	0.123	0.131	0.127	8.84
67)		1,3,5-Trichlorobenz	1.424	1.190	1.210	1.286	1.293	1.281	7.21
68)	T	1,2,4-trichlorobenz	0.890	0.652	0.875	0.983	1.046	0.889	16.86
69)		Naphthalene	1.195	0.739	1.191	1.480	1.764	1.274	29.95
70)	T	1,2,3-Trichlorobenz	0.960	0.651	0.817	0.909	0.972	0.862	15.42

(#) = Out of Range