Response Factor Report VOC_U

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
Method File : SOMUTR082619WMA.M
Title : TRACE VOA SOM01.0
Last Update : Tue Aug 27 01:40:37 2019
Response Via : Initial Calibration

Calibration Files
0.5 =VU033946.D 1 =VU033947.D 5 =VU033948.D
10 =VU033949.D 20 =VU033950.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.620	0.571	0.597	0.575	0.606	0.594	3.53
3)	T	Chloromethane	0.607	0.569	0.595	0.555	0.600	0.585	3.85
4)	S	Vinyl Chloride-d3	0.450	0.422	0.447	0.435	0.455	0.442	2.96
5)	T	Vinyl chloride	0.628	0.596	0.617	0.599	0.632	0.614	2.66
6)	T	Bromomethane	0.292	0.270	0.280	0.279	0.291	0.283	3.19
7)	S	Chloroethane-d5	0.377	0.365	0.378	0.359	0.370	0.370	2.17
8)	T	Chloroethane	0.463	0.371	0.378	0.354	0.361	0.385	11.48
9)	T	Trichlorofluorometh	0.701	0.691	0.705	0.681	0.713	0.698	1.79
10)	T	1,1,2-Trichloro-1,2	0.408	0.395	0.401	0.384	0.398	0.397	2.23
11)	S	1,1-Dichloroethene-	0.879	0.826	0.859	0.836	0.878	0.856	2.83
12)	T	1,1-Dichloroethene	0.401	0.394	0.383	0.369	0.382	0.386	3.18
13)	T	Acetone	0.090	0.080	0.086	0.079	0.083	0.084	5.40
14)	T	Carbon disulfide	1.451	1.377	1.361	1.295	1.353	1.367	4.08
15)	T	Methyl Acetate	0.241	0.226	0.235	0.216	0.229	0.230	4.14
16)	T	Methylene chloride	0.552	0.456	0.435	0.410	0.425	0.456	12.36
17)	T	Methyl tert-butyl E	1.003	0.983	1.032	0.988	1.047	1.011	2.76
18)	T	trans-1,2-Dichloroe	0.453	0.411	0.414	0.397	0.414	0.418	4.98
19)	T	1,1-Dichloroethane	0.838	0.808	0.818	0.786	0.822	0.815	2.35
20)	S	2-Butanone-d5	0.097	0.091	0.112	0.109	0.121	0.106	11.34
21)	T	2-Butanone	0.107	0.100	0.131	0.125	0.137	0.120	13.28
22)	T	cis-1,2-Dichloroeth	0.415	0.413	0.428	0.429	0.464	0.430	4.72
23)	T	Bromochloromethane	0.196	0.191	0.201	0.190	0.202	0.196	2.85
24)	S	Chloroform-d	0.779	0.728	0.763	0.742	0.771	0.757	2.77
25)	T	Chloroform	1.008	0.870	0.803	0.759	0.782	0.844	11.90
26)	S	1,2-Dichloroethane-	0.434	0.396	0.409	0.392	0.404	0.407	4.09
27)	T	1,2-Dichloroethane	0.509	0.472	0.526	0.498	0.523	0.505	4.34
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	0.640	0.610	0.625	0.600	0.627	0.620	2.55
30)	T	Cyclohexane	0.572	0.547	0.624	0.658	0.726	0.625	11.37
31)	T	Carbon tetrachlorid	0.570	0.533	0.557	0.534	0.561	0.551	3.01
32)	S	Benzene-d6	1.388	1.297	1.423	1.434	1.491	1.407	5.08
33)	T	Benzene	1.521	1.491	1.646	1.614	1.671	1.589	4.94
34)	T	Trichloroethene	0.441	0.389	0.398	0.399	0.420	0.409	5.15
35)	T	Methylcyclohexane	0.555	0.526	0.617	0.669	0.736	0.620	13.68
36)	S	1,2-Dichloropropane	0.439	0.423	0.456	0.454	0.471	0.448	4.09
37)	T	1,2-Dichloropropane	0.438	0.428	0.438	0.427	0.444	0.435	1.64
38)	T	Bromodichloromethan	0.551	0.517	0.533	0.522	0.542	0.533	2.63
39)	T	cis-1,3-Dichloropro	0.481	0.495	0.578	0.604	0.679	0.567	14.36
40)	T	4-Methyl-2-pentanon	0.221	0.217	0.296	0.286	0.311	0.266	16.52
41)	S	Toluene-d8	1.075	1.093	1.306	1.305	1.351	1.226	10.70
42)	T	Toluene	1.432	1.418	1.692	1.669	1.766	1.595	10.00
43)	S	trans-1,3-Dichlorop	0.152	0.145	0.172	0.178	0.195	0.168	11.86
44)	T	trans-1,3-Dichlorop	0.398	0.404	0.497	0.498	0.548	0.469	13.93
45)	T	1,1,2-Trichloroetha	0.279	0.293	0.299	0.293	0.306	0.294	3.37
46)	S	2-Hexanone-d5	0.046	0.046	0.077	0.082	0.095	0.069	32.04
47)	T	Tetrachloroethene	0.319	0.314	0.326	0.317	0.334	0.322	2.48
48)	T	2-Hexanone	0.139	0.148	0.214	0.207	0.224	0.186	21.20
49)	T	Dibromochloromethan	0.341	0.323	0.355	0.351	0.364	0.347	4.49
50)	T	1,2-Dibromoethane	0.275	0.261	0.291	0.284	0.297	0.281	5.02
51)	T	Chlorobenzene	1.018	1.003	1.050	1.029	1.121	1.044	4.44
52)	T	Ethylbenzene	1.443	1.401	1.713	1.790	1.988	1.667	14.73

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		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	m,p-Xylene	0.523	0.507	0.657	0.683	0.749	0.624	16.83
54)	T	o-Xylene	0.463	0.466	0.629	0.654	0.732	0.589	20.35
55)	T	Styrene	0.749	0.774	1.116	1.160	1.270	1.014	23.40
56)	T	Isopropylbenzene	1.236	1.239	1.628	1.731	1.951	1.557	20.18
57)	S	1,1,2,2-Tetrachloro	0.356	0.348	0.381	0.373	0.405	0.373	5.97
58)	T	1,1,2,2-Tetrachloro	0.380	0.362	0.399	0.387	0.415	0.388	5.08
59)		1,2,3-Trichloroprop	0.267	0.255	0.289	0.282	0.302	0.279	6.57
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.415	0.375	0.381	0.355	0.390	0.383	5.69
62)	T	1,3-Dichlorobenzene	1.580	1.510	1.566	1.551	1.659	1.573	3.47
63)	T	1,4-Dichlorobenzene	1.784	1.551	1.602	1.568	1.655	1.632	5.74
64)	S	1,2-Dichlorobenzene	0.974	0.906	0.887	0.895	0.958	0.924	4.26
65)	T	1,2-Dichlorobenzene	1.538	1.488	1.498	1.474	1.565	1.513	2.50
66)	T	1,2-Dibromo-3-chlor	0.123	0.114	0.113	0.113	0.126	0.118	5.38
67)		1,3,5-Trichlorobenz	1.229	1.139	1.186	1.231	1.338	1.225	6.01
68)	T	1,2,4-trichlorobenz	0.822	0.712	0.912	0.989	1.132	0.913	17.50
69)		Naphthalene	1.041	0.949	1.396	1.655	2.055	1.419	31.99
70)	T	1,2,3-Trichlorobenz	0.755	0.746	0.896	0.966	1.060	0.885	15.32

(#) = Out of Range