Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA V\METHOD\
Method File : SOMVTR072219WMA.M
Title : TRACE VOA SOM01.0
Last Update : Thu Jul 25 15:31:57 2019
Response Via : Initial Calibration

Calibration Files
0.5 =VV011948.D 1 =VV011949.D 5 =VV011950.D
10 =VV011951.D 20 =VV011952.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.517	0.489	0.554	0.531	0.493	0.517	5.27
3)	T	Chloromethane	0.307	0.279	0.321	0.309	0.284	0.300	5.90
4)	S	Vinyl Chloride-d3	0.260	0.295	0.243	0.257	0.245	0.260	8.09
5)	T	Vinyl chloride	0.304	0.280	0.331	0.322	0.298	0.307	6.56
6)	T	Bromomethane	0.169	0.158	0.200	0.195	0.182	0.181	9.66
7)	S	Chloroethane-d5	0.204	0.233	0.188	0.206	0.192	0.204	8.64
8)	T	Chloroethane	0.210	0.157	0.192	0.180	0.169	0.182	11.27
9)	T	Trichlorofluorometh	0.545	0.531	0.616	0.589	0.548	0.566	6.26
10)	T	1,1,2-Trichloro-1,2	0.261	0.242	0.269	0.259	0.242	0.254	4.77
11)	S	1,1-Dichloroethene-	0.489	0.540	0.505	0.541	0.511	0.517	4.43
12)	T	1,1-Dichloroethene	0.216	0.218	0.242	0.239	0.222	0.228	5.45
13)	T	Acetone	0.047	0.039	0.043	0.040	0.036	0.041	10.87
14)	T	Carbon disulfide	0.663	0.590	0.683	0.671	0.636	0.649	5.70
15)	T	Methyl Acetate	0.110	0.098	0.082	0.082	0.076	0.089	15.55
16)	T	Methylene chloride	0.330	0.256	0.240	0.234	0.215	0.255	17.45
17)	T	Methyl tert-butyl E	0.718	0.715	0.843	0.825	0.781	0.776	7.62
18)	T	trans-1,2-Dichloroe	0.352	0.330	0.373	0.371	0.345	0.354	5.11
19)	T	1,1-Dichloroethane	0.600	0.571	0.679	0.656	0.623	0.626	6.89
20)	S	2-Butanone-d5	0.069	0.077	0.073	0.082	0.078	0.076	6.82
21)	T	2-Butanone	0.069	0.070	0.087	0.086	0.079	0.079	10.84
22)	T	cis-1,2-Dichloroeth	0.369	0.359	0.406	0.396	0.374	0.381	5.17
23)	T	Bromochloromethane	0.150	0.136	0.171	0.168	0.157	0.157	9.03
24)	S	Chloroform-d	0.665	0.775	0.630	0.686	0.652	0.681	8.19
25)	T	Chloroform	0.843	0.723	0.768	0.747	0.700	0.756	7.23
26)	S	1,2-Dichloroethane-	0.353	0.360	0.325	0.363	0.340	0.348	4.55
27)	T	1,2-Dichloroethane	0.413	0.378	0.449	0.446	0.416	0.420	6.83
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	0.614	0.556	0.691	0.683	0.656	0.640	8.67
30)	T	Cyclohexane	0.612	0.517	0.634	0.640	0.620	0.605	8.33
31)	T	Carbon tetrachlorid	0.540	0.496	0.624	0.616	0.605	0.576	9.64
32)	S	Benzene-d6	1.335	1.490	1.302	1.436	1.407	1.394	5.44
33)	T	Benzene	1.429	1.300	1.589	1.545	1.491	1.471	7.67
34)	T	Trichloroethene	0.412	0.357	0.435	0.424	0.414	0.408	7.42
35)	T	Methylcyclohexane	0.621	0.524	0.674	0.683	0.676	0.636	10.53
36)	S	1,2-Dichloropropane	0.399	0.418	0.372	0.409	0.398	0.399	4.38
37)	T	1,2-Dichloropropane	0.358	0.328	0.365	0.365	0.352	0.354	4.29
38)	T	Bromodichloromethan	0.464	0.417	0.505	0.489	0.487	0.472	7.28
39)	T	cis-1,3-Dichloropro	0.461	0.433	0.570	0.583	0.573	0.524	13.63
40)	T	4-Methyl-2-pentanon	0.173	0.169	0.221	0.219	0.206	0.198	12.64
41)	S	Toluene-d8	1.189	1.358	1.238	1.362	1.321	1.293	5.94
42)	T	Toluene	1.437	1.391	1.735	1.702	1.629	1.579	9.88
43)	S	trans-1,3-Dichlorop	0.146	0.168	0.154	0.171	0.171	0.162	7.25
44)	T	trans-1,3-Dichlorop	0.384	0.335	0.456	0.457	0.452	0.417	13.23
45)	T	1,1,2-Trichloroetha	0.243	0.212	0.267	0.253	0.246	0.244	8.33
46)	S	2-Hexanone-d5	0.055	0.064	0.063	0.072	0.071	0.065	10.14
47)	T	Tetrachloroethene	0.365	0.312	0.372	0.360	0.353	0.352	6.66
48)	T	2-Hexanone	0.117	0.119	0.157	0.154	0.146	0.139	13.97
49)	T	Dibromochloromethan	0.263	0.256	0.328	0.325	0.324	0.299	12.10
50)	T	1,2-Dibromoethane	0.210	0.208	0.249	0.248	0.237	0.231	8.78
51)	T	Chlorobenzene	0.991	0.934	1.113	1.085	1.046	1.034	6.97
52)	T	Ethylbenzene	1.623	1.573	1.973	1.954	1.887	1.802	10.53

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		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	m,p-xylene	0.617	0.583	0.764	0.749	0.716	0.686	11.84
54)	T	o-xylene	0.603	0.541	0.711	0.707	0.690	0.650	11.62
55)	T	Styrene	0.989	0.871	1.237	1.207	1.176	1.096	14.48
56)	T	Isopropylbenzene	1.670	1.538	2.001	1.968	1.904	1.816	11.12
57)	S	1,1,2,2-Tetrachloro	0.289	0.297	0.261	0.293	0.278	0.284	4.99
58)	T	1,1,2,2-Tetrachloro	0.257	0.236	0.288	0.274	0.268	0.265	7.35
59)		1,2,3-Trichloroprop	0.198	0.179	0.229	0.220	0.205	0.206	9.43
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.301	0.238	0.336	0.334	0.325	0.307	13.30
62)	T	1,3-Dichlorobenzene	1.669	1.449	1.745	1.690	1.624	1.635	6.90
63)	T	1,4-Dichlorobenzene	1.751	1.528	1.768	1.726	1.645	1.684	5.87
64)	S	1,2-Dichlorobenzene	0.976	1.027	0.905	0.966	0.940	0.963	4.68
65)	T	1,2-Dichlorobenzene	1.493	1.337	1.626	1.578	1.495	1.506	7.30
66)	T	1,2-Dibromo-3-chlor	0.082	0.085	0.089	0.092	0.088	0.087	4.17
67)		1,3,5-Trichlorobenz	1.405	1.242	1.423	1.409	1.360	1.368	5.41
68)	T	1,2,4-trichlorobenz	1.082	0.963	1.175	1.171	1.163	1.111	8.20
69)		Naphthalene	1.576	1.330	1.795	1.835	1.839	1.675	13.21
70)	T	1,2,3-Trichlorobenz	0.990	0.867	1.093	1.060	1.028	1.008	8.67

(#) = Out of Range