Response Factor Report MSVOA_X

Method Path : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\
Method File : SFAMXTR102920WMA.M
Title : TRACE VOA SFAM1.0
Last Update : Thu Oct 29 06:09:53 2020
Response Via : Initial Calibration

Calibration Files
0.5 =VX019164.D 1 =VX019165.D 5 =VX019170.D
10 =VX019171.D 20 =VX019168.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.374	0.394	0.425	0.440	0.433	0.413	6.78
3)	T	Chloromethane	0.347	0.334	0.367	0.372	0.363	0.357	4.35
4)	S	Vinyl Chloride-d3	0.303	0.313	0.323	0.333	0.345	0.323	5.14
5)	T	Vinyl chloride	0.386	0.376	0.414	0.421	0.412	0.402	4.85
6)	T	Bromomethane	0.253	0.243	0.262	0.271	0.266	0.259	4.33
7)	S	Chloroethane-d5	0.261	0.262	0.272	0.275	0.279	0.270	2.93
8)	T	Chloroethane	0.236	0.232	0.249	0.254	0.247	0.244	3.85
9)	T	Trichlorofluorometh	0.522	0.551	0.599	0.620	0.609	0.580	7.23
10)	T	1,1,2-Trichloro-1,2	0.302	0.305	0.342	0.350	0.349	0.330	7.36
11)	S	1,1-Dichloroethene-	0.590	0.617	0.635	0.652	0.664	0.632	4.65
12)	T	1,1-Dichloroethene	0.298	0.307	0.333	0.335	0.331	0.321	5.35
13)	T	Acetone	0.036	0.038	0.043	0.043	0.042	0.040	7.59
14)	T	Carbon disulfide	0.967	0.931	1.002	1.038	1.034	0.995	4.57
15)	T	Methyl Acetate	0.091	0.099	0.116	0.118	0.113	0.108	11.11
16)	T	Methylene chloride	0.444	0.444	0.344	0.346	0.334	0.382	14.74
17)	T	Methyl tert-butyl E	0.699	0.725	0.799	0.810	0.804	0.768	6.70
18)	T	trans-1,2-Dichloroe	0.317	0.319	0.346	0.354	0.350	0.337	5.34
19)	T	1,1-Dichloroethane	0.547	0.535	0.593	0.611	0.602	0.577	5.96
20)	S	2-Butanone-d5	0.061	0.064	0.075	0.077	0.077	0.071	10.53
21)	T	2-Butanone	0.069	0.063	0.075	0.074	0.073	0.071	6.72
22)	T	cis-1,2-Dichloroeth	0.335	0.342	0.365	0.380	0.374	0.359	5.51
23)	T	Bromochloromethane	0.136	0.137	0.156	0.159	0.158	0.149	7.79
24)	S	Chloroform-d	0.561	0.570	0.622	0.644	0.652	0.610	6.90
25)	T	Chloroform	0.556	0.575	0.611	0.634	0.626	0.600	5.56
26)	S	1,2-Dichloroethane-	0.396	0.342	0.328	0.325	0.325	0.343	8.81
27)	T	1,2-Dichloroethane	0.358	0.351	0.389	0.396	0.385	0.376	5.26
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	0.562	0.574	0.636	0.669	0.645	0.617	7.55
30)	T	Cyclohexane	0.555	0.599	0.628	0.661	0.634	0.615	6.58
31)	T	Carbon tetrachlorid	0.469	0.498	0.535	0.570	0.558	0.526	8.05
32)	S	Benzene-d6	1.264	1.308	1.373	1.439	1.430	1.363	5.58
33)	T	Benzene	1.406	1.390	1.536	1.584	1.531	1.489	5.79
34)	T	Trichloroethene	0.385	0.384	0.419	0.430	0.418	0.407	5.26
35)	T	Methylcyclohexane	0.599	0.611	0.673	0.715	0.696	0.659	7.83
36)	S	1,2-Dichloropropane	0.356	0.360	0.396	0.410	0.408	0.386	6.75
37)	T	1,2-Dichloropropane	0.321	0.329	0.365	0.377	0.363	0.351	6.97
38)	T	Bromodichloromethan	0.399	0.424	0.471	0.501	0.490	0.457	9.61
39)	T	cis-1,3-Dichloropro	0.475	0.481	0.559	0.596	0.585	0.539	10.69
40)	T	4-Methyl-2-pentanon	0.166	0.168	0.200	0.206	0.198	0.187	10.31
41)	S	Toluene-d8	1.392	1.327	1.312	1.337	1.339	1.341	2.26
42)	T	Toluene	1.465	1.517	1.670	1.721	1.671	1.609	6.89
43)	S	trans-1,3-Dichlorop	0.143	0.150	0.171	0.182	0.185	0.166	11.53
44)	T	trans-1,3-Dichlorop	0.389	0.392	0.474	0.503	0.500	0.452	12.56
45)	T	1,1,2-Trichloroetha	0.234	0.239	0.268	0.274	0.267	0.256	7.15
46)	S	2-Hexanone-d5	0.060	0.065	0.077	0.082	0.080	0.073	13.30
47)	T	Tetrachloroethene	0.283	0.296	0.320	0.331	0.326	0.311	6.65
48)	T	2-Hexanone	0.113	0.117	0.141	0.146	0.139	0.131	11.59
49)	T	Dibromochloromethan	0.254	0.260	0.308	0.330	0.332	0.297	12.62
50)	T	1,2-Dibromoethane	0.212	0.216	0.249	0.259	0.252	0.238	9.23
51)	T	Chlorobenzene	0.936	0.950	1.042	1.101	1.063	1.019	7.10
52)	T	Ethylbenzene	1.608	1.668	1.863	1.957	1.903	1.800	8.48

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Calibration Files
0.5 =VX019164.D 1 =VX019165.D 5 =VX019170.D
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		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	m,p-xylene	0.608	0.638	0.717	0.761	0.729	0.691	9.35
54)	T	o-xylene	0.570	0.618	0.688	0.721	0.710	0.662	9.80
55)	T	Styrene	0.913	0.947	1.134	1.222	1.188	1.081	13.11
56)	S	1,1,2,2-Tetrachloro	0.260	0.269	0.305	0.325	0.323	0.296	10.23
57)	T	1,1,2,2-Tetrachloro	0.258	0.263	0.307	0.321	0.311	0.292	10.04
58)	I	1,4-Dichlorobenzene-d	----------ISTD----------						
59)	T	Bromoform	0.288	0.290	0.341	0.356	0.366	0.328	11.16
60)	T	Isopropylbenzene	3.360	3.454	3.805	3.923	3.821	3.673	6.77
61)	T	1,2,3-Trichloroprop	0.432	0.421	0.472	0.465	0.453	0.449	4.81
62)	T	1,3,5-Trimethylbenz	2.706	2.821	3.225	3.360	3.265	3.075	9.48
63)	T	1,2,4-Trimethylbenz	2.712	2.893	3.267	3.390	3.326	3.118	9.55
64)	T	1,3-Dichlorobenzene	1.508	1.541	1.705	1.724	1.680	1.632	6.13
65)	T	1,4-Dichlorobenzene	1.567	1.542	1.661	1.710	1.665	1.629	4.36
66)	S	1,2-Dichlorobenzene	0.850	0.880	0.951	0.976	0.983	0.928	6.43
67)	T	1,2-Dichlorobenzene	1.393	1.418	1.558	1.590	1.540	1.500	5.88
68)	T	1,2-Dibromo-3-chlor	0.091	0.094	0.109	0.108	0.110	0.103	8.93
69)		1,3,5-Trichlorobenz	1.026	1.092	1.273	1.305	1.292	1.198	10.78
70)	T	1,2,4-trichlorobenz	0.941	0.950	1.083	1.137	1.115	1.045	8.93
71)		Naphthalene	1.585	1.639	2.017	2.078	2.081	1.880	13.12
72)	T	1,2,3-Trichlorobenz	0.823	0.851	0.963	0.994	0.981	0.922	8.63

(#) = Out of Range