Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA V\METHOD\
Method File : SFAMVLM092320W.M
Title : VOC Analysis
Last Update : Thu Sep 24 07:34:48 2020
Response Via : Initial Calibration

Calibration Files
5 =VV018403.D 10 =VV018404.D 50 =VV018405.D
100 =VV018406.D 200 =VV018407.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.397	0.414	0.365	0.341	0.328	0.369	9.90
3)	T	Chloromethane	0.438	0.459	0.402	0.380	0.368	0.409	9.42
4)	S	Vinyl Chloride-d3	0.314	0.317	0.319	0.305	0.297	0.310	3.02
5)	T	Vinyl chloride	0.442	0.466	0.414	0.392	0.381	0.419	8.41
6)	T	Bromomethane	0.277	0.304	0.260	0.248	0.242	0.266	9.31
7)	S	Chloroethane-d5	0.269	0.279	0.274	0.261	0.253	0.267	3.91
8)	T	Chloroethane	0.290	0.312	0.261	0.248	0.239	0.270	11.15
9)	T	Trichlorofluorometh	0.625	0.663	0.592	0.558	0.540	0.596	8.35
10)	T	1,1,2-Trichloro-1,2	0.392	0.401	0.363	0.342	0.327	0.365	8.63
11)	S	1,1-Dichloroethene-	0.661	0.680	0.661	0.636	0.614	0.650	3.96
12)	T	1,1-Dichloroethene	0.365	0.385	0.342	0.326	0.318	0.347	8.00
13)	T	Acetone	0.339	0.318	0.284	0.249	0.216	0.281	17.78
14)	T	Carbon disulfide	1.016	1.071	0.981	0.940	0.921	0.986	6.13
15)	T	Methyl Acetate	0.390	0.398	0.364	0.355	0.350	0.371	5.83
16)	T	Methylene chloride	0.429	0.448	0.377	0.362	0.350	0.393	10.98
17)	T	trans-1,2-Dichloroe	0.349	0.385	0.353	0.338	0.332	0.351	5.90
18)	T	Methyl tert-butyl E	1.057	1.172	1.085	1.073	1.074	1.092	4.19
19)	T	1,1-Dichloroethane	0.705	0.763	0.672	0.646	0.626	0.682	7.93
20)	T	cis-1,2-Dichloroeth	0.357	0.412	0.380	0.375	0.371	0.379	5.39
21)	S	2-Butanone-d5	0.189	0.218	0.235	0.232	0.237	0.222	9.11
22)	T	2-Butanone	0.244	0.282	0.304	0.292	0.275	0.279	8.13
23)	T	Bromochloromethane	0.205	0.226	0.201	0.194	0.188	0.203	7.12
24)	S	Chloroform-d	0.648	0.659	0.667	0.648	0.631	0.651	2.12
25)	T	Chloroform	0.705	0.773	0.684	0.652	0.634	0.690	7.85
26)	S	1,2-Dichloroethane-	0.396	0.409	0.426	0.410	0.400	0.408	2.91
27)	T	1,2-Dichloroethane	0.552	0.593	0.529	0.506	0.492	0.535	7.50
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.518	0.592	0.608	0.598	0.594	0.582	6.27
30)	T	1,1,1-Trichloroetha	0.622	0.680	0.611	0.584	0.578	0.615	6.62
31)	T	Carbon tetrachlorid	0.538	0.591	0.532	0.513	0.506	0.536	6.25
32)	S	Benzene-d6	1.143	1.233	1.316	1.273	1.264	1.246	5.18
33)	T	Benzene	1.471	1.655	1.500	1.444	1.418	1.497	6.21
34)	T	Trichloroethene	0.438	0.462	0.400	0.384	0.375	0.412	8.94
35)	T	Methylcyclohexane	0.525	0.610	0.631	0.614	0.608	0.598	6.94
36)	S	1,2-Dichloropropane	0.386	0.406	0.419	0.411	0.409	0.406	3.01
37)	T	1,2-Dichloropropane	0.382	0.427	0.405	0.385	0.380	0.396	5.11
38)	T	Bromodichloromethan	0.519	0.563	0.512	0.499	0.499	0.518	5.06
39)	T	cis-1,3-Dichloropro	0.495	0.615	0.614	0.618	0.628	0.594	9.40
40)	T	4-Methyl-2-pentanon	0.400	0.494	0.484	0.483	0.490	0.470	8.42
41)	S	Toluene-d8	1.001	1.122	1.236	1.199	1.205	1.152	8.18
42)	T	Toluene	1.425	1.693	1.624	1.564	1.550	1.571	6.32
43)	S	trans-1,3-Dichlorop	0.176	0.188	0.216	0.216	0.223	0.204	10.07
44)	T	trans-1,3-Dichlorop	0.514	0.608	0.607	0.600	0.616	0.589	7.22
45)	T	1,1,2-Trichloroetha	0.367	0.410	0.372	0.359	0.357	0.373	5.81
46)	T	Tetrachloroethene	0.318	0.351	0.324	0.309	0.310	0.322	5.29
47)	S	2-Hexanone-d5	0.089	0.122	0.169	0.177	0.191	0.149	28.42
48)	T	2-Hexanone	0.347	0.427	0.418	0.404	0.395	0.398	7.83
49)	T	Dibromochloromethan	0.394	0.443	0.417	0.407	0.415	0.415	4.32
50)	T	1,2-Dibromoethane	0.381	0.414	0.388	0.378	0.379	0.388	3.86
51)	T	Chlorobenzene	1.051	1.149	1.044	1.006	0.999	1.050	5.70
52)	T	Ethylbenzene	1.560	1.792	1.783	1.754	1.756	1.729	5.55

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		Compound	5	10	50	100	200	Avg	%RSD
53)	T	m,p-Xylene	0.564	0.658	0.675	0.661	0.670	0.646	7.12
54)	T	o-Xylene	0.535	0.637	0.647	0.640	0.650	0.622	7.84
55)	T	Styrene	0.888	1.104	1.158	1.138	1.152	1.088	10.45
56)	S	1,1,2,2-Tetrachloro	0.448	0.511	0.545	0.542	0.561	0.521	8.64
57)	T	1,1,2,2-Tetrachloro	0.493	0.578	0.551	0.542	0.555	0.544	5.75
58)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------				
59)	T	Bromoform	0.531	0.590	0.549	0.555	0.569	0.559	3.96
60)		Isopropylbenzene	2.765	3.222	3.194	3.148	3.080	3.082	6.01
61)		1,2,3-Trichloroprop	0.894	0.986	0.840	0.817	0.800	0.868	8.68
62)		1,3,5-Trimethylbenz	2.018	2.467	2.675	2.667	2.646	2.494	11.21
63)		1,2,4-Trimethylbenz	2.048	2.556	2.753	2.747	2.700	2.561	11.62
64)	T	1,3-Dichlorobenzene	1.519	1.701	1.573	1.529	1.510	1.566	5.05
65)	T	1,4-Dichlorobenzene	1.708	1.789	1.617	1.560	1.533	1.641	6.46
66)	S	1,2-Dichlorobenzene	0.918	0.909	0.953	0.937	0.937	0.931	1.87
67)	T	1,2-Dichlorobenzene	1.573	1.719	1.565	1.518	1.498	1.575	5.52
68)	T	1,2-Dibromo-3-chlor	0.189	0.230	0.218	0.225	0.234	0.219	8.32
69)		1,3,5-Trichlorobenz	1.157	1.280	1.241	1.222	1.207	1.221	3.72
70)	T	1,2,4-trichlorobenz	0.945	1.071	1.138	1.145	1.173	1.094	8.36
71)		Naphthalene	1.965	2.566	3.062	3.257	3.343	2.838	20.22
72)	T	1,2,3-Trichlorobenz	0.944	1.125	1.135	1.149	1.145	1.100	7.95

(#) = Out of Range