Response Factor Report MSVOA_W

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\
Method File : SOM2WLM081020S.M
Title : VOC Analysis
Last Update : Mon Aug 10 15:03:32 2020
Response Via : Initial Calibration

Calibration Files
2.5 =VW016098.D 5 =VW016099.D 25 =VW016100.D
50 =VW016101.D 100 =VW016102.D

		Compound	2.5	5	25	50	100	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.231	0.244	0.260	0.253	0.274	0.253	6.34
3)	T	Chloromethane	0.255	0.240	0.229	0.256	0.273	0.251	6.68
4)	S	Vinyl Chloride-d3	0.353	0.340	0.284	0.279	0.295	0.310	10.96
5)	T	Vinyl chloride	0.334	0.341	0.328	0.333	0.327	0.333	1.66
6)	T	Bromomethane	0.206	0.213	0.205	0.212	0.207	0.208	1.78
7)	S	Chloroethane-d5	0.254	0.242	0.222	0.225	0.234	0.235	5.61
8)	T	Chloroethane	0.182	0.187	0.186	0.192	0.191	0.187	2.19
9)	T	Trichlorofluorometh	0.231	0.231	0.230	0.247	0.250	0.238	4.18
10)	S	1,1-Dichloroethene-	0.687	0.678	0.625	0.642	0.660	0.658	3.88
11)	T	1,1,2-Trichloro-1,2	0.343	0.342	0.318	0.337	0.338	0.336	3.01
12)	T	1,1-Dichloroethene	0.316	0.316	0.311	0.333	0.329	0.321	2.90
13)	T	Acetone	0.070	0.067	0.058	0.057	0.057	0.062	9.79
14)	T	Carbon disulfide	0.963	0.978	1.006	1.039	1.049	1.007	3.72
15)	T	Methyl Acetate	0.147	0.142	0.141	0.148	0.147	0.145	2.17
16)	T	Methylene chloride	0.494	0.459	0.351	0.339	0.331	0.395	19.24
17)	T	Methyl tert-butyl E	0.411	0.446	0.456	0.481	0.480	0.455	6.40
18)	T	trans-1,2-Dichloroe	0.314	0.329	0.335	0.355	0.355	0.338	5.22
19)	T	1,1-Dichloroethane	0.578	0.611	0.586	0.609	0.602	0.597	2.45
20)	S	2-Butanone-d5	0.076	0.076	0.082	0.084	0.091	0.082	7.93
21)		2-Butanone	0.107	0.100	0.091	0.095	0.096	0.098	6.04
22)	T	cis-1,2-Dichloroeth	0.328	0.346	0.350	0.379	0.377	0.356	6.15
23)	T	Bromochloromethane	0.159	0.163	0.159	0.166	0.170	0.163	2.78
24)	S	Chloroform-d	0.692	0.681	0.652	0.653	0.677	0.671	2.66
25)	T	Chloroform	0.634	0.643	0.625	0.647	0.629	0.635	1.49
26)	S	1,2-Dichloroethane-	0.365	0.366	0.348	0.350	0.353	0.356	2.41
27)	T	1,2-Dichloroethane	0.429	0.441	0.419	0.422	0.405	0.423	3.07
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	S	Benzene-d6	1.346	1.375	1.311	1.366	1.403	1.360	2.53
30)	T	Cyclohexane	0.469	0.501	0.554	0.601	0.594	0.544	10.58
31)	T	1,1,1-Trichloroetha	0.560	0.588	0.566	0.592	0.567	0.574	2.50
32)	T	Carbon tetrachlorid	0.539	0.537	0.533	0.569	0.538	0.543	2.68
33)	S	1,2-Dichloropropane	0.411	0.393	0.390	0.396	0.409	0.400	2.39
34)	T	Benzene	1.348	1.452	1.438	1.526	1.444	1.442	4.38
35)	T	Trichloroethene	0.380	0.388	0.380	0.400	0.390	0.388	2.22
36)	T	Methylcyclohexane	0.584	0.600	0.648	0.688	0.673	0.639	7.07
37)	S	Toluene-d8	1.207	1.216	1.242	1.287	1.285	1.247	3.00
38)	S	trans-1,3-Dichlorop	0.168	0.173	0.175	0.187	0.196	0.180	6.46
39)	S	2-Hexanone-d5	0.056	0.061	0.070	0.077	0.082	0.069	15.50
40)	T	1,2-Dichloropropane	0.337	0.357	0.357	0.366	0.354	0.354	3.02
41)	T	Bromodichloromethan	0.468	0.488	0.481	0.503	0.492	0.486	2.66
42)	T	cis-1,3-Dichloropro	0.451	0.512	0.549	0.598	0.586	0.539	11.12
43)	T	4-Methyl-2-pentanon	0.184	0.210	0.214	0.230	0.227	0.213	8.54
44)	T	Toluene	1.385	1.499	1.552	1.620	1.552	1.522	5.75
45)	T	trans-1,3-Dichlorop	0.426	0.455	0.494	0.528	0.519	0.484	8.91
46)	T	1,1,2-Trichloroetha	0.269	0.292	0.273	0.283	0.275	0.279	3.34
47)	T	Tetrachloroethene	0.287	0.297	0.285	0.289	0.295	0.291	1.65
48)	S	1,1,2,2-Tetrachloro	0.324	0.330	0.321	0.324	0.330	0.326	1.22
49)	T	2-Hexanone	0.117	0.139	0.149	0.158	0.156	0.144	11.72
50)	T	Dibromochloromethan	0.298	0.321	0.320	0.357	0.345	0.328	7.07
51)	T	1,2-Dibromoethane	0.249	0.264	0.262	0.278	0.268	0.264	4.06
52)	T	Chlorobenzene	0.988	1.028	0.986	1.033	1.000	1.007	2.21

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\
Method File : SOM2WLM081020S.M
Title : VOC Analysis
Last Update : Mon Aug 10 15:03:32 2020
Response Via : Initial Calibration

Calibration Files
2.5 =VW016098.D 5 =VW016099.D 25 =VW016100.D
50 =VW016101.D 100 =VW016102.D

		Compound	2.5	5	25	50	100	Avg	%RSD
53)	T	Ethylbenzene	1.558	1.691	1.769	1.846	1.769	1.727	6.30
54)	T	m,p-Xylene	0.573	0.630	0.664	0.708	0.672	0.650	7.85
55)	T	o-xylene	0.524	0.572	0.637	0.672	0.653	0.612	10.10
56)	T	Styrene	0.871	1.024	1.114	1.164	1.123	1.059	11.06
57)	T	Isopropylbenzene	1.409	1.576	1.718	1.791	1.754	1.650	9.54
58)	T	1,1,2,2-Tetrachloro	0.313	0.340	0.322	0.333	0.318	0.325	3.32
59)		1,2,3-Trichloroprop	0.242	0.257	0.244	0.249	0.240	0.246	2.82
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	S	1,2-Dichlorobenzene	0.900	0.854	0.847	0.899	0.931	0.886	3.95
62)	T	Bromoform	0.355	0.363	0.364	0.398	0.410	0.378	6.40
63)	T	1,3-Dichlorobenzene	1.489	1.567	1.567	1.651	1.621	1.579	3.93
64)	T	1,4-Dichlorobenzene	1.601	1.659	1.530	1.637	1.615	1.609	3.04
65)	T	1,2-Dichlorobenzene	1.417	1.441	1.434	1.495	1.451	1.448	2.03
66)	T	1,2-Dibromo-3-chlor	0.136	0.124	0.119	0.127	0.128	0.127	4.82
67)		1,3,5-Trichlorobenz	0.945	0.978	0.980	1.047	1.032	0.996	4.24
68)	T	1,2,4-trichlorobenz	0.674	0.752	0.811	0.877	0.923	0.808	12.26
69)		Naphthalene	1.298	1.423	1.775	1.947	2.080	1.705	19.66
70)	T	1,2,3-Trichlorobenz	0.656	0.683	0.753	0.766	0.811	0.734	8.59

(#) = Out of Range