Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020720\
Data File : VU036696.D
Acq On : 07 Feb 2020 12:27
Operator : JC/MD
Sample : MDL03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL03

Manual Integrations APPROVED
MMDadoda
2/10/2020 11:54:10 AM

Quant Time: Feb 07 23:16:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM020620W.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 07 22:36:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	261788	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	245713	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.83	152	104680	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	77312	44.28	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.56%			
7) Chloroethane-d5	1.93	69	74395	45.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.92%			
11) 1,1-Dichloroethene-d2	2.59	63	112777	34.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.42%			
21) 2-Butanone-d5	4.68	46	113363	76.11	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 76.11%			
24) Chloroform-d	5.11	84	136041	43.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.10%			
26) 1,2-Dichloroethane-d4	5.75	65	102558	47.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.90%			
32) Benzene-d6	5.77	84	312278	48.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.68%			
36) 1,2-Dichloropropane-d6	6.73	67	104926	48.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.86%			
41) Toluene-d8	7.93	98	282359	47.73	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.46%			
43) trans-1,3-Dichloropropene-	8.21	79	47258	46.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.04%			
47) 2-Hexanone-d5	8.67	63	124851	102.01	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.01%			
56) 1,1,2,2-Tetrachloroethane-	10.78	84	152438	48.24	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.48%			
66) 1,2-Dichlorobenzene-d4	12.21	152	94195	49.53	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.06%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	4664	2.579	ug/L	100
3) Chloromethane	1.54	50	5768	2.691	ug/L	99
5) Vinyl chloride	1.62	62	6450	2.795	ug/L #	63
6) Bromomethane	1.87	94	3645	2.519	ug/L	94
8) Chloroethane	1.95	64	4711	3.216	ug/L	86
9) Trichlorofluoromethane	2.16	101	7078	2.581	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	5064	3.083	ug/L #	86
12) 1,1-Dichloroethene	2.61	96	5172	3.234	ug/L #	1
13) Acetone	2.66	43	11816	7.468	ug/L	93
14) Carbon disulfide	2.82	76	11926	2.496	ug/L	99
15) Methyl Acetate	2.99	43	5861	2.562	ug/L	98
16) Methylene chloride	3.08	84	5523	2.798	ug/L	94
17) trans-1,2-Dichloroethene	3.39	96	4486	2.637	ug/L	95
18) Methyl tert-butyl Ether	3.41	73	14915	2.526	ug/L	98
19) 1,1-Dichloroethane	3.92	63	8706	2.568	ug/L	96
20) cis-1,2-Dichloroethene	4.72	96	4899	2.527	ug/L	97
22) 2-Butanone	4.76	43	18075	9.625	ug/L	82

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020720\
Data File : VU036696.D
Acq On : 07 Feb 2020 12:27
Operator : JC/MD
Sample : MDL03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL03

Manual Integrations APPROVED
MMDadoda
2/10/2020 11:54:10 AM

Quant Time: Feb 07 23:16:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM020620W.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 07 22:36:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	5.02	128	2399	2.641 ug/L		91
25) Chloroform	5.14	83	21436	6.501 ug/L		98
27) 1,2-Dichloroethane	5.84	62	7579	2.733 ug/L		97
29) Cyclohexane	5.43	56	8265	2.619 ug/L		98
30) 1,1,1-Trichloroethane	5.36	97	6406	2.454 ug/L	#	74
31) Carbon tetrachloride	5.57	117	5297	2.506 ug/L		98
33) Benzene	5.82	78	19855	2.672 ug/L		100
34) Trichloroethene	6.58	95	4829	2.628 ug/L		97
35) Methylcyclohexane	6.80	83	7983	2.467 ug/L		97
37) 1,2-Dichloropropane	6.83	63	5398	2.694 ug/L	#	88
38) Bromodichloromethane	7.14	83	6231	2.559 ug/L		99
39) cis-1,3-Dichloropropene	7.64	75	8185	2.556 ug/L		100
40) 4-Methyl-2-pentanone	7.83	43	16493	5.209 ug/L		99
42) Toluene	8.00	91	20923	2.605 ug/L		96
44) trans-1,3-Dichloropropene	8.24	75	7219m	2.581 ug/L		
45) 1,1,2-Trichloroethane	8.43	97	4508	2.466 ug/L		97
46) Tetrachloroethene	8.58	164	3840	2.978 ug/L		92
48) 2-Hexanone	8.72	43	14461	5.599 ug/L		97
49) Dibromochloromethane	8.84	129	4113	2.300 ug/L		86
50) 1,2-Dibromoethane	8.95	107	4495	2.340 ug/L	#	98
51) Chlorobenzene	9.47	112	12765	2.640 ug/L		99
52) Ethylbenzene	9.60	91	21684	2.457 ug/L		96
53) m,p-Xylene	9.72	106	8100	2.488 ug/L		93
54) o-xylene	10.13	106	7714	2.392 ug/L		95
55) Styrene	10.14	104	12091	2.250 ug/L		97
57) 1,1,2,2-Tetrachloroethane	10.81	83	8879	2.695 ug/L		99
59) Bromoform	10.32	173	2832	2.449 ug/L	#	94
60) 1,2,3-Trichloropropane	10.85	75	6895	2.800 ug/L		99
61) Isopropylbenzene	10.51	105	20328	2.608 ug/L		99
62) 1,3,5-Trimethylbenzene	11.11	105	16896	2.528 ug/L		95
63) 1,2,4-Trimethylbenzene	11.49	105	16440	2.464 ug/L		99
64) 1,3-Dichlorobenzene	11.77	146	8474	2.585 ug/L		98
65) 1,4-Dichlorobenzene	11.86	146	8694	2.634 ug/L		97
67) 1,2-Dichlorobenzene	12.24	146	8965	2.701 ug/L		98
68) 1,2-Dibromo-3-chloropropan	13.02	75	1669	2.372 ug/L		91
69) 1,3,5-Trichlorobenzene	13.24	180	5054	2.223 ug/L		99
70) 1,2,4-trichlorobenzene	13.85	180	3480	1.836 ug/L		95
71) Naphthalene	14.10	128	10769	1.612 ug/L		99
72) 1,2,3-Trichlorobenzene	14.34	180	3452	1.828 ug/L		94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020720\
Data File : VU036696.D
Acq On : 07 Feb 2020 12:27
Operator : JC/MD
Sample : MDL03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 07 23:16:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM020620W.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 07 22:36:50 2020
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Manual Integrations APPROVED
MMDadoda
2/10/2020 11:54:10 AM