Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091018\
Data File : VU026660.D
Acq On : 10 Sep 2018 19:15
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05054

Quant Time: Sep 11 05:33:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 11 05:07:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	200446	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	189496	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	95137	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	70429	47.15	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.30%			
7) Chloroethane-d5	1.68	69	57830	48.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.08%			
11) 1,1-Dichloroethene-d2	2.27	63	126765	47.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.84%			
21) 2-Butanone-d5	4.18	46	97398	104.78	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.78%			
24) Chloroform-d	4.65	84	123245	49.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.24%			
26) 1,2-Dichloroethane-d4	5.31	65	78059	48.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.04%			
32) Benzene-d6	5.34	84	245853	50.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.26%			
36) 1,2-Dichloropropane-d6	6.33	67	83214	50.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.12%			
41) Toluene-d8	7.57	98	231099	50.22	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.44%			
43) trans-1,3-Dichloropropene-	7.85	79	37535	49.06	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.12%			
47) 2-Hexanone-d5	8.31	63	72627	108.16	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 108.16%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	113622	50.42	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.84%			
64) 1,2-Dichlorobenzene-d4	11.86	152	92938	49.00	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	64135	50.83	ug/L	100
3) Chloromethane	1.33	50	83199	50.16	ug/L	99
5) Vinyl chloride	1.40	62	87454	51.03	ug/L	100
6) Bromomethane	1.62	94	40964	41.02	ug/L	97
8) Chloroethane	1.70	64	55490	52.21	ug/L	98
9) Trichlorofluoromethane	1.88	101	114038	52.77	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	63412	51.52	ug/L	100
12) 1,1-Dichloroethene	2.28	96	59776	50.58	ug/L	96
13) Acetone	2.32	43	70789	66.86	ug/L	99
14) Carbon disulfide	2.48	76	192802	50.23	ug/L	100
15) Methyl Acetate	2.62	43	80093	53.03	ug/L	99
16) Methylene chloride	2.70	84	72222	51.78	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	64063	51.15	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	202437	52.46	ug/L	99
19) 1,1-Dichloroethane	3.45	63	127033	52.30	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	72583	51.46	ug/L	100
22) 2-Butanone	4.26	43	110172	90.89	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091018\
Data File : VU026660.D
Acq On : 10 Sep 2018 19:15
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05054

Quant Time: Sep 11 05:33:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 11 05:07:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	37706	52.26	ug/L	97
25) Chloroform	4.67	83	127689	52.31	ug/L	99
27) 1,2-Dichloroethane	5.41	62	101114	52.16	ug/L	100
29) Cyclohexane	5.00	56	112124	54.02	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	105902	52.75	ug/L	99
31) Carbon tetrachloride	5.14	117	95867	52.83	ug/L	98
33) Benzene	5.39	78	281433	53.03	ug/L	100
34) Trichloroethene	6.19	95	68654	52.05	ug/L	99
35) Methylcyclohexane	6.42	83	113303	53.67	ug/L	99
37) 1,2-Dichloropropane	6.43	63	78848	53.19	ug/L	100
38) Bromodichloromethane	6.76	83	96348	53.03	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	114735	52.30	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	211997	112.11	ug/L	99
42) Toluene	7.64	91	296288	53.87	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	105549	51.72	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	68830	52.34	ug/L	98
46) Tetrachloroethene	8.23	164	57584	51.95	ug/L	99
48) 2-Hexanone	8.36	43	165799	103.85	ug/L	100
49) Dibromochloromethane	8.48	129	80292	52.83	ug/L	94
50) 1,2-Dibromoethane	8.59	107	75001	53.32	ug/L	99
51) Chlorobenzene	9.12	112	188468	52.19	ug/L	99
52) Ethylbenzene	9.25	91	319639	53.74	ug/L	99
53) m,p-Xylene	9.38	106	120735	53.83	ug/L	99
54) o-xylene	9.78	106	120237	54.02	ug/L	98
55) Styrene	9.79	104	207144	55.01	ug/L	99
56) Isopropylbenzene	10.17	105	309854	54.64	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	121343	53.27	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	93506	53.31	ug/L	100
61) Bromoform	9.96	173	61665	52.62	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	141884	51.94	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	146380	50.58	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	154081	53.37	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.66	75	24825	53.22	ug/L	94
67) 1,3,5-Trichlorobenzene	12.89	180	112282	51.82	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	98354	52.22	ug/L	99
69) Naphthalene	13.74	128	324462	56.22	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	110100	53.97	ug/L	100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091018\
Data File : VU026660.D
Acq On : 10 Sep 2018 19:15
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05054

Quant Time: Sep 11 05:33:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 11 05:07:53 2018
Response via : Initial Calibration