Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080418\
Data File : VU025860.D
Acq On : 04 Aug 2018 07:36
Operator : MD/SY
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05052

Quant Time: Aug 06 00:44:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 04 04:39:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	325798	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	314579	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	168348	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	89665	48.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 96.42%			
7) Chloroethane-d5	1.68	69	73053	47.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.24%			
11) 1,1-Dichloroethene-d2	2.27	63	191125	49.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.72%			
21) 2-Butanone-d5	4.18	46	143891	100.21	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.21%			
24) Chloroform-d	4.65	84	206210	49.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.54%			
26) 1,2-Dichloroethane-d4	5.31	65	136016	49.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.28%			
32) Benzene-d6	5.35	84	384779	47.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.38%			
36) 1,2-Dichloropropane-d6	6.34	67	123687	47.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.16%			
41) Toluene-d8	7.57	98	379430	49.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.08%			
43) trans-1,3-Dichloropropene-	7.85	79	59689	44.95	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.90%			
47) 2-Hexanone-d5	8.31	63	106921	98.23	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.23%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	172940	47.57	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.14%			
64) 1,2-Dichlorobenzene-d4	11.86	152	161042	47.20	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	129341	40.29	ug/L	99
3) Chloromethane	1.33	50	111272	48.00	ug/L	99
5) Vinyl chloride	1.41	62	110756	43.56	ug/L	98
6) Bromomethane	1.63	94	53717	60.75	ug/L	98
8) Chloroethane	1.70	64	67708	45.22	ug/L	96
9) Trichlorofluoromethane	1.89	101	162098	44.77	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	92170	45.46	ug/L	99
12) 1,1-Dichloroethene	2.28	96	85097	46.28	ug/L	88
13) Acetone	2.32	43	103310	61.30	ug/L	99
14) Carbon disulfide	2.48	76	249196	41.62	ug/L	100
15) Methyl Acetate	2.62	43	114380	49.09	ug/L	100
16) Methylene chloride	2.71	84	107192	46.80	ug/L	99
17) trans-1,2-Dichloroethene	2.99	96	96806	45.73	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	321576	46.64	ug/L	99
19) 1,1-Dichloroethane	3.45	63	188626	46.84	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	112104	46.91	ug/L	97
22) 2-Butanone	4.26	43	150114	80.01	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080418\
Data File : VU025860.D
Acq On : 04 Aug 2018 07:36
Operator : MD/SY
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05052

Quant Time: Aug 06 00:44:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 04 04:39:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	59106	46.86	ug/L	97
25) Chloroform	4.68	83	199812	47.15	ug/L	98
27) 1,2-Dichloroethane	5.41	62	163370	47.27	ug/L	100
29) Cyclohexane	5.00	56	153044	41.99	ug/L	98
30) 1,1,1-Trichloroethane	4.92	97	176082	44.73	ug/L	99
31) Carbon tetrachloride	5.14	117	158663	43.59	ug/L	99
33) Benzene	5.39	78	407512	45.08	ug/L	100
34) Trichloroethene	6.19	95	106606	44.45	ug/L	97
35) Methylcyclohexane	6.42	83	154517	39.96	ug/L	99
37) 1,2-Dichloropropane	6.44	63	112764	45.65	ug/L	99
38) Bromodichloromethane	6.76	83	150175	46.11	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	158491	41.35	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	305141	94.07	ug/L	99
42) Toluene	7.64	91	442914	45.44	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	153156	42.38	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	107859	45.53	ug/L	99
46) Tetrachloroethene	8.23	164	89932	43.25	ug/L	96
48) 2-Hexanone	8.36	43	237877	86.79	ug/L	99
49) Dibromochloromethane	8.48	129	128747	46.33	ug/L	96
50) 1,2-Dibromoethane	8.59	107	115446	45.23	ug/L	99
51) Chlorobenzene	9.12	112	299274	45.60	ug/L	98
52) Ethylbenzene	9.25	91	496443	46.14	ug/L	99
53) m,p-Xylene	9.38	106	191376	46.44	ug/L	99
54) o-xylene	9.78	106	190192	45.48	ug/L	99
55) Styrene	9.80	104	327175	48.04	ug/L	99
56) Isopropylbenzene	10.17	105	495816	45.95	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	177668	46.49	ug/L	97
59) 1,2,3-Trichloropropane	10.50	75	132865	45.80	ug/L	99
61) Bromoform	9.96	173	94408	43.35	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	242336	45.51	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	248777	45.77	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	251902	45.15	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	39472	44.99	ug/L	96
67) 1,3,5-Trichlorobenzene	12.89	180	178507	43.43	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	154244	44.65	ug/L	98
69) Naphthalene	13.74	128	465030	44.76	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	163377	44.74	ug/L	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080418\
Data File : VU025860.D
Acq On : 04 Aug 2018 07:36
Operator : MD/SY
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05052

Quant Time: Aug 06 00:44:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 04 04:39:04 2018
Response via : Initial Calibration