Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081018\
Data File : VV006988.D
Acq On : 10 Aug 2018 17:04
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00584

Quant Time: Aug 10 23:16:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 10 23:13:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	256389	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	248735	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	113231	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	67928	4.10	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.00%			
7) Chloroethane-d5	1.58	69	61172	4.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.20%			
11) 1,1-Dichloroethene-d2	2.13	63	133545	4.30	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.00%			
20) 2-Butanone-d5	3.97	46	243944	51.25	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.50%			
24) Chloroform-d	4.40	84	164186	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.80%			
26) 1,2-Dichloroethane-d4	5.09	65	82814	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.60%			
32) Benzene-d6	5.10	84	299087	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%			
36) 1,2-Dichloropropane-d6	6.12	67	105070	4.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.20%			
41) Toluene-d8	7.36	98	266021	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.80%			
43) trans-1,3-Dichloropropene-	7.67	79	35778	4.71	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.20%			
46) 2-Hexanone-d5	8.15	63	153751	49.47	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.94%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	83091	4.88	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.60%			
64) 1,2-Dichlorobenzene-d4	11.68	152	94239	4.78	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	119294	4.78	ug/L	98
3) Chloromethane	1.25	50	102328	4.26	ug/L	97
5) Vinyl chloride	1.32	62	115055	4.63	ug/L	98
6) Bromomethane	1.54	94	19373	3.59	ug/L	96
8) Chloroethane	1.60	64	70965	4.71	ug/L	99
9) Trichlorofluoromethane	1.77	101	149972	4.75	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	89734	4.73	ug/L	98
12) 1,1-Dichloroethene	2.14	96	86114	4.68	ug/L	94
13) Acetone	2.21	43	123618	50.44	ug/L	100
14) Carbon disulfide	2.32	76	274323	4.51	ug/L	100
15) Methyl Acetate	2.47	43	31773	4.61	ug/L	98
16) Methylene chloride	2.54	84	95683	4.31	ug/L	97
17) Methyl tert-butyl Ether	2.82	73	211828	4.80	ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	97293	4.94	ug/L	95
19) 1,1-Dichloroethane	3.23	63	167403	4.70	ug/L	98
21) 2-Butanone	4.06	43	268169	50.40	ug/L	97
22) cis-1,2-Dichloroethene	3.97	96	105177	4.70	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081018\
Data File : VV006988.D
Acq On : 10 Aug 2018 17:04
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00584

Quant Time: Aug 10 23:16:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 10 23:13:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.30	128	46409	5.09	ug/L		93
25) Chloroform	4.43	83	190157	4.88	ug/L		96
27) 1,2-Dichloroethane	5.19	62	117890	4.85	ug/L		97
29) 1,1,1-Trichloroethane	4.66	97	159090	4.80	ug/L		98
30) Cyclohexane	4.72	56	156583	4.54	ug/L		99
31) Carbon tetrachloride	4.88	117	135534	4.87	ug/L		100
33) Benzene	5.15	78	430302	4.99	ug/L		100
34) Trichloroethene	5.96	95	100202	4.85	ug/L		96
35) Methylcyclohexane	6.18	83	152392	4.59	ug/L		99
37) 1,2-Dichloropropane	6.23	63	116058	4.92	ug/L		99
38) Bromodichloromethane	6.56	83	129239	4.82	ug/L		99
39) cis-1,3-Dichloropropene	7.08	75	133891	4.70	ug/L		100
40) 4-Methyl-2-pentanone	7.29	43	604386	47.43	ug/L		99
42) Toluene	7.44	91	427746	5.17	ug/L		99
44) trans-1,3-Dichloropropene	7.70	75	110824	4.74	ug/L		100
45) 1,1,2-Trichloroethane	7.89	97	73626	4.80	ug/L		94
47) Tetrachloroethene	8.02	164	83354	4.98	ug/L		97
48) 2-Hexanone	8.20	43	450812	50.17	ug/L		99
49) Dibromochloromethane	8.30	129	80611	5.01	ug/L		100
50) 1,2-Dibromoethane	8.40	107	63500	4.90	ug/L	#	99
51) Chlorobenzene	8.93	112	260751	4.94	ug/L		98
52) Ethylbenzene	9.06	91	406898	4.92	ug/L		99
53) m,p-xylene	9.19	106	151483	4.91	ug/L		99
54) o-xylene	9.59	106	143951	4.93	ug/L		99
55) Styrene	9.61	104	253090	5.14	ug/L		99
56) Isopropylbenzene	9.98	105	378728	4.94	ug/L		100
58) 1,1,2,2-Tetrachloroethane	10.29	83	90966	4.88	ug/L		95
59) 1,2,3-Trichloropropane	10.32	75	64017	4.85	ug/L		97
61) Bromoform	9.78	173	42342	4.94	ug/L		99
62) 1,3-Dichlorobenzene	11.23	146	177913	4.86	ug/L		97
63) 1,4-Dichlorobenzene	11.32	146	185407	4.94	ug/L		98
65) 1,2-Dichlorobenzene	11.70	146	180404	5.01	ug/L		99
66) 1,2-Dibromo-3-chloropropan	12.48	75	11340	4.43	ug/L		99
67) 1,3,5-Trichlorobenzene	12.70	180	137660	4.96	ug/L		98
68) 1,2,4-trichlorobenzene	13.32	180	100285	4.93	ug/L		100
69) Naphthalene	13.56	128	131522	4.50	ug/L		100
70) 1,2,3-Trichlorobenzene	13.80	180	97026	4.95	ug/L		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081018\
Data File : VV006988.D
Acq On : 10 Aug 2018 17:04
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00584

Quant Time: Aug 10 23:16:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 10 23:13:31 2018
Response via : Initial Calibration