Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092818\
Data File : VV007965.D
Acq On : 28 Sep 2018 20:51
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00561

Quant Time: Oct 01 01:55:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 01 01:51:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	83004	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	80008	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43310	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	21031	4.73	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.60%			
7) Chloroethane-d5	1.59	69	19494	5.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.40%			
11) 1,1-Dichloroethene-d2	2.14	63	49602	4.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.80%			
20) 2-Butanone-d5	3.96	46	70027	52.32	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.64%			
24) Chloroform-d	4.41	84	54185	5.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.00%			
26) 1,2-Dichloroethane-d4	5.09	65	28238	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.40%			
32) Benzene-d6	5.10	84	98923	5.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.60%			
36) 1,2-Dichloropropane-d6	6.12	67	31317	5.17	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.40%			
41) Toluene-d8	7.36	98	100851	5.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.80%			
43) trans-1,3-Dichloropropene-	7.67	79	11202	4.80	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.00%			
46) 2-Hexanone-d5	8.14	63	54403	52.86	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.72%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	24937	5.34	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	40725	4.86	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	38031	5.463	ug/L	100
3) Chloromethane	1.25	50	33448	5.400	ug/L	99
5) Vinyl chloride	1.32	62	36137	5.450	ug/L	96
6) Bromomethane	1.54	94	19959	4.880	ug/L	99
8) Chloroethane	1.60	64	22668	5.668	ug/L	97
9) Trichlorofluoromethane	1.78	101	58820	5.433	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	32731	5.331	ug/L	100
12) 1,1-Dichloroethene	2.14	96	29557	5.387	ug/L	99
13) Acetone	2.22	43	45877	47.046	ug/L	99
14) Carbon disulfide	2.32	76	75518	5.078	ug/L	100
15) Methyl Acetate	2.47	43	12284	4.926	ug/L	99
16) Methylene chloride	2.54	84	31384	5.148	ug/L	98
17) Methyl tert-butyl Ether	2.81	73	70568	5.206	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	31796	5.257	ug/L	97
19) 1,1-Dichloroethane	3.23	63	54885	5.319	ug/L	98
21) 2-Butanone	4.05	43	78643	50.619	ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	33210	5.423	ug/L	93

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092818\
Data File : VV007965.D
Acq On : 28 Sep 2018 20:51
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00561

Quant Time: Oct 01 01:55:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 01 01:51:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.31	128	14884	5.589 ug/L	96
25) Chloroform	4.43	83	60751	5.443 ug/L	99
27) 1,2-Dichloroethane	5.19	62	38336	5.337 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	52655	5.473 ug/L	99
30) Cyclohexane	4.73	56	48019	5.310 ug/L	98
31) Carbon tetrachloride	4.88	117	47944	5.653 ug/L	99
33) Benzene	5.15	78	128488	5.608 ug/L	100
34) Trichloroethene	5.96	95	34328	5.233 ug/L	96
35) Methylcyclohexane	6.18	83	52102	5.297 ug/L	99
37) 1,2-Dichloropropane	6.23	63	32888	5.619 ug/L	100
38) Bromodichloromethane	6.56	83	38329	5.477 ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	40667	5.194 ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	195672	53.266 ug/L	100
42) Toluene	7.43	91	142445	5.709 ug/L	96
44) trans-1,3-Dichloropropene	7.70	75	33335	5.122 ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	23419	5.545 ug/L	97
47) Tetrachloroethene	8.02	164	32020	5.267 ug/L	98
48) 2-Hexanone	8.19	43	136526	53.436 ug/L	99
49) Dibromochloromethane	8.30	129	26668	5.531 ug/L	95
50) 1,2-Dibromoethane	8.40	107	21137	5.475 ug/L	99
51) Chlorobenzene	8.93	112	94187	5.465 ug/L	99
52) Ethylbenzene	9.06	91	151838	5.455 ug/L	98
53) m,p-xylene	9.19	106	58631	5.532 ug/L	98
54) o-xylene	9.59	106	55591	5.430 ug/L	99
55) Styrene	9.61	104	96667	5.530 ug/L	98
56) Isopropylbenzene	9.98	105	153976	5.554 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	27102	5.463 ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	19512	5.358 ug/L	99
61) Bromoform	9.78	173	14110	5.425 ug/L	96
62) 1,3-Dichlorobenzene	11.23	146	75698	5.294 ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	78179	5.259 ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	73436	5.448 ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	3667	5.341 ug/L	91
67) 1,3,5-Trichlorobenzene	12.70	180	65258	5.330 ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	52051	5.030 ug/L	99
69) Naphthalene	13.56	128	71370	4.931 ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	48835	5.211 ug/L	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092818\
Data File : VV007965.D
Acq On : 28 Sep 2018 20:51
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00561

Quant Time: Oct 01 01:55:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 01 01:51:53 2018
Response via : Initial Calibration