Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100918\
Data File : VV008191.D
Acq On : 09 Oct 2018 10:02
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00561

Quant Time: Oct 09 11:19:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 09 04:07:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	87121	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	82781	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43514	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	23966	4.48	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.60%			
7) Chloroethane-d5	1.59	69	19311	4.28	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.60%			
11) 1,1-Dichloroethene-d2	2.14	63	47179	4.51	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.20%			
20) 2-Butanone-d5	3.96	46	60477	47.01	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.02%			
24) Chloroform-d	4.41	84	52217	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%			
26) 1,2-Dichloroethane-d4	5.09	65	24951	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.40%			
32) Benzene-d6	5.10	84	97765	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.40%			
36) 1,2-Dichloropropane-d6	6.12	67	30717	4.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.60%			
41) Toluene-d8	7.36	98	97657	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.00%			
43) trans-1,3-Dichloropropene-	7.67	79	11119	4.76	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.20%			
46) 2-Hexanone-d5	8.14	63	41604	44.69	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.38%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	21925	4.66	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	37907	4.59	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	31824	5.388	ug/L	99
3) Chloromethane	1.25	50	26956	5.415	ug/L	100
5) Vinyl chloride	1.32	62	29311	5.288	ug/L	100
6) Bromomethane	1.54	94	16729	6.371	ug/L	96
8) Chloroethane	1.60	64	17905	4.834	ug/L	95
9) Trichlorofluoromethane	1.77	101	49262	5.188	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	30025	5.318	ug/L	99
12) 1,1-Dichloroethene	2.14	96	24749	5.244	ug/L	96
13) Acetone	2.21	43	44262	50.776	ug/L	99
14) Carbon disulfide	2.32	76	57293	4.770	ug/L	98
15) Methyl Acetate	2.47	43	10632	5.137	ug/L	95
16) Methylene chloride	2.54	84	26993	4.714	ug/L	96
17) Methyl tert-butyl Ether	2.81	73	61227	5.175	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	26580	5.160	ug/L	96
19) 1,1-Dichloroethane	3.23	63	53209	5.425	ug/L	98
21) 2-Butanone	4.05	43	71443	50.804	ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	30753	5.293	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100918\
Data File : VV008191.D
Acq On : 09 Oct 2018 10:02
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00561

Quant Time: Oct 09 11:19:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 09 04:07:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	14339	5.435 ug/L	97
25) Chloroform	4.43	83	57477	5.445 ug/L	98
27) 1,2-Dichloroethane	5.19	62	31770	5.123 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	49440	5.377 ug/L	99
30) Cyclohexane	4.73	56	38675	5.065 ug/L	100
31) Carbon tetrachloride	4.88	117	43469	5.262 ug/L	99
33) Benzene	5.15	78	115919	5.549 ug/L	100
34) Trichloroethene	5.96	95	31942	5.240 ug/L	98
35) Methylcyclohexane	6.18	83	43484	5.106 ug/L	97
37) 1,2-Dichloropropane	6.23	63	30840	5.472 ug/L	99
38) Bromodichloromethane	6.56	83	36401	5.279 ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	36938	5.111 ug/L	97
40) 4-Methyl-2-pentanone	7.28	43	173306	54.258 ug/L	99
42) Toluene	7.43	91	126595	5.705 ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	32274	5.491 ug/L	96
45) 1,1,2-Trichloroethane	7.89	97	21712	5.492 ug/L	94
47) Tetrachloroethene	8.02	164	29678	5.451 ug/L	94
48) 2-Hexanone	8.19	43	127440	58.770 ug/L	99
49) Dibromochloromethane	8.29	129	26027	5.277 ug/L	100
50) 1,2-Dibromoethane	8.40	107	18975	5.287 ug/L	92
51) Chlorobenzene	8.93	112	84424	5.440 ug/L	98
52) Ethylbenzene	9.06	91	130109	5.372 ug/L	100
53) m,p-xylene	9.18	106	51805	5.642 ug/L	96
54) o-xylene	9.59	106	48300	5.510 ug/L	100
55) Styrene	9.61	104	83277	5.578 ug/L	98
56) Isopropylbenzene	9.98	105	132739	5.505 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	24412	5.327 ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	17794	5.407 ug/L	98
61) Bromoform	9.78	173	14485	5.406 ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	68329	5.275 ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	70184	5.315 ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	67822	5.419 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	3355	5.133 ug/L	91
67) 1,3,5-Trichlorobenzene	12.70	180	59608	5.399 ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	42830	5.201 ug/L	98
69) Naphthalene	13.56	128	46174	4.392 ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	39631	5.060 ug/L	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100918\
Data File : VV008191.D
Acq On : 09 Oct 2018 10:02
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00561

Quant Time: Oct 09 11:19:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 09 04:07:48 2018
Response via : Initial Calibration