Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081319\
Data File : VV012229.D
Acq On : 13 Aug 2019 21:53
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00538

Quant Time: Aug 14 02:54:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 14 02:48:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	198201	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	192841	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	98686	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	58829	4.82	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.40%			
7) Chloroethane-d5	1.58	69	47589	5.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.00%			
11) 1,1-Dichloroethene-d2	2.13	63	114383	5.72	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 114.40%			
20) 2-Butanone-d5	3.96	46	154583	58.61	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 117.22%			
24) Chloroform-d	4.40	84	124818	5.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.20%			
26) 1,2-Dichloroethane-d4	5.08	65	59924	5.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.80%			
32) Benzene-d6	5.10	84	242414	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.40%			
36) 1,2-Dichloropropane-d6	6.12	67	72578	5.05	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.00%			
41) Toluene-d8	7.36	98	231004	5.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.60%			
43) trans-1,3-Dichloropropene-	7.66	79	27507	5.00	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.00%			
46) 2-Hexanone-d5	8.14	63	106532	60.34	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 120.68%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	55389	5.53	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	81461	4.88	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	95392	5.015	ug/L	98
3) Chloromethane	1.25	50	89463	5.193	ug/L	99
5) Vinyl chloride	1.32	62	93127	5.261	ug/L	99
6) Bromomethane	1.54	94	52113	5.209	ug/L	96
8) Chloroethane	1.60	64	53527	5.242	ug/L	95
9) Trichlorofluoromethane	1.77	101	121387	5.451	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	63029	5.598	ug/L	99
12) 1,1-Dichloroethene	2.14	96	59754	5.731	ug/L	93
13) Acetone	2.23	43	101502	61.759	ug/L	99
14) Carbon disulfide	2.32	76	176419	5.777	ug/L	99
15) Methyl Acetate	2.47	43	26151	6.303	ug/L	94
16) Methylene chloride	2.53	84	61819	5.498	ug/L	98
17) Methyl tert-butyl Ether	2.81	73	168512	5.867	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	77098	5.543	ug/L	97
19) 1,1-Dichloroethane	3.23	63	139449	5.475	ug/L	98
21) 2-Butanone	4.05	43	196930	58.601	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	79744	5.191	ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081319\
Data File : VV012229.D
Acq On : 13 Aug 2019 21:53
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00538

Quant Time: Aug 14 02:54:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 14 02:48:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	36222	5.532 ug/L	98
25) Chloroform	4.42	83	146955	5.081 ug/L	100
27) 1,2-Dichloroethane	5.18	62	88269	5.556 ug/L	100
29) 1,1,1-Trichloroethane	4.65	97	123737	5.246 ug/L	98
30) Cyclohexane	4.72	56	118301	5.036 ug/L	99
31) Carbon tetrachloride	4.87	117	109024	5.109 ug/L	99
33) Benzene	5.14	78	311518	5.355 ug/L	100
34) Trichloroethene	5.96	95	80226	5.091 ug/L	98
35) Methylcyclohexane	6.17	83	119977	4.901 ug/L	99
37) 1,2-Dichloropropane	6.22	63	75344	5.191 ug/L	98
38) Bromodichloromethane	6.55	83	98916	5.290 ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	103305	5.168 ug/L	97
40) 4-Methyl-2-pentanone	7.28	43	494520	61.976 ug/L	99
42) Toluene	7.43	91	334161	5.400 ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	84672	5.384 ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	53964	5.574 ug/L	99
47) Tetrachloroethene	8.02	164	65809	5.067 ug/L	99
48) 2-Hexanone	8.19	43	357888	63.637 ug/L	99
49) Dibromochloromethane	8.29	129	67115	5.585 ug/L	95
50) 1,2-Dibromoethane	8.40	107	52132	5.575 ug/L	96
51) Chlorobenzene	8.92	112	208557	5.205 ug/L	98
52) Ethylbenzene	9.05	91	342866	5.199 ug/L	100
53) m,p-xylene	9.18	106	133736	5.281 ug/L	99
54) o-xylene	9.59	106	129662	5.410 ug/L	95
55) Styrene	9.60	104	222880	5.565 ug/L	98
56) Isopropylbenzene	9.97	105	340215	5.308 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	64539	5.747 ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	48226	5.857 ug/L	98
61) Bromoform	9.77	173	33746	5.304 ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	165672	5.044 ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	164630	5.028 ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	158054	5.244 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	10242	5.337 ug/L	92
67) 1,3,5-Trichlorobenzene	12.69	180	120384	4.853 ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	92427	5.013 ug/L	98
69) Naphthalene	13.55	128	145390	5.455 ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	91945	5.280 ug/L	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081319\
Data File : VV012229.D
Acq On : 13 Aug 2019 21:53
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00538

Quant Time: Aug 14 02:54:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 14 02:48:55 2019
Response via : Initial Calibration