Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102519\
Data File : VV013365.D
Acq On : 25 Oct 2019 23:18
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00556

Quant Time: Oct 26 01:04:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 26 00:57:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	477979	5.00	ug/L		0.00
28) Chlorobenzene-d5	8.89	117	503577	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	328912	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	193199	5.48	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 109.60%				
7) Chloroethane-d5	1.58	69	154302	5.31	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.20%				
11) 1,1-Dichloroethene-d2	2.13	63	304677	4.86	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.20%				
20) 2-Butanone-d5	3.96	46	408421	60.35	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 120.70%				
24) Chloroform-d	4.40	84	403975	4.87	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.40%				
26) 1,2-Dichloroethane-d4	5.08	65	179494	4.67	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%				
32) Benzene-d6	5.10	84	829019	5.08	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.60%				
36) 1,2-Dichloropropane-d6	6.12	67	236442	4.82	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.40%				
41) Toluene-d8	7.36	98	798613	5.29	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.80%				
43) trans-1,3-Dichloropropene-	7.66	79	84032	4.52	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.40%				
46) 2-Hexanone-d5	8.13	63	295938	44.73	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.46%				
57) 1,1,2,2-Tetrachloroethane-	10.26	84	156122	4.41	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.20%				
64) 1,2-Dichlorobenzene-d4	11.67	152	304444	4.76	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.14	85	228152	4.318	ug/L		97
3) Chloromethane	1.25	50	192754	4.203	ug/L		99
5) Vinyl chloride	1.32	62	199881	4.333	ug/L		98
6) Bromomethane	1.54	94	121524	4.677	ug/L		100
8) Chloroethane	1.60	64	120539	4.385	ug/L		97
9) Trichlorofluoromethane	1.77	101	286918	4.298	ug/L		100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	172297	4.368	ug/L		97
12) 1,1-Dichloroethene	2.14	96	166624	4.434	ug/L	#	87
13) Acetone	2.22	43	193475	55.295	ug/L		100
14) Carbon disulfide	2.32	76	446632	4.140	ug/L		100
15) Methyl Acetate	2.47	43	72775	6.150	ug/L		99
16) Methylene chloride	2.53	84	225951	4.001	ug/L		97
17) Methyl tert-butyl Ether	2.80	73	428724	4.926	ug/L		96
18) trans-1,2-Dichloroethene	2.79	96	229346	5.177	ug/L		96
19) 1,1-Dichloroethane	3.23	63	388951	5.402	ug/L		97
21) 2-Butanone	4.04	43	439498	56.110	ug/L		98
22) cis-1,2-Dichloroethene	3.96	96	232306	4.899	ug/L	#	92

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102519\
Data File : VV013365.D
Acq On : 25 Oct 2019 23:18
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00556

Quant Time: Oct 26 01:04:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 26 00:57:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	107261	4.767 ug/L	93
25) Chloroform	4.42	83	418115	4.454 ug/L	100
27) 1,2-Dichloroethane	5.18	62	217026	4.329 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	341415	4.587 ug/L	100
30) Cyclohexane	4.72	56	324745	4.203 ug/L	96
31) Carbon tetrachloride	4.87	117	313872	4.700 ug/L	100
33) Benzene	5.14	78	888792	4.622 ug/L	100
34) Trichloroethene	5.96	95	241205	4.675 ug/L	97
35) Methylcyclohexane	6.17	83	352296	4.438 ug/L	97
37) 1,2-Dichloropropane	6.22	63	217355	4.653 ug/L	100
38) Bromodichloromethane	6.55	83	270626	4.476 ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	285679	4.342 ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	1060284	44.406 ug/L	95
42) Toluene	7.43	91	982834	4.867 ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	217451	4.363 ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	153129	4.697 ug/L	98
47) Tetrachloroethene	8.02	164	224138	4.784 ug/L	98
48) 2-Hexanone	8.18	43	781296	45.837 ug/L	98
49) Dibromochloromethane	8.29	129	190070	4.628 ug/L	98
50) 1,2-Dibromoethane	8.40	107	141720	4.562 ug/L	99
51) Chlorobenzene	8.92	112	629529	4.762 ug/L	98
52) Ethylbenzene	9.05	91	1004059	4.770 ug/L	100
53) m,p-xylene	9.18	106	400513	4.970 ug/L	99
54) o-xylene	9.59	106	380162	4.969 ug/L	98
55) Styrene	9.60	104	674352	5.186 ug/L	96
56) Isopropylbenzene	9.97	105	1010821	5.009 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	157112	4.192 ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	121289	4.354 ug/L	98
61) Bromoform	9.77	173	111607	4.451 ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	560433	4.839 ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	544464	4.643 ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	492540	4.617 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	21547	3.557 ug/L	83
67) 1,3,5-Trichlorobenzene	12.69	180	397886	4.646 ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	343669	4.587 ug/L	100
69) Naphthalene	13.55	128	447210	4.327 ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	322652	4.637 ug/L	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102519\
Data File : VV013365.D
Acq On : 25 Oct 2019 23:18
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00556

Quant Time: Oct 26 01:04:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 26 00:57:59 2019
Response via : Initial Calibration