Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121119\
Data File : VU036122.D
Acq On : 11 Dec 2019 10:02
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00508

Quant Time: Dec 12 06:08:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 11 17:05:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	327566	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	348777	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	174734	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	151738	5.20	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 104.00%			
7) Chloroethane-d5	1.93	69	140318	4.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.60%			
11) 1,1-Dichloroethene-d2	2.59	63	221275	4.14	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.80%			
20) 2-Butanone-d5	4.70	46	261017	52.46	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.92%			
24) Chloroform-d	5.11	84	237908	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.40%			
26) 1,2-Dichloroethane-d4	5.75	65	114600	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%			
32) Benzene-d6	5.77	84	450352	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.00%			
36) 1,2-Dichloropropane-d6	6.73	67	138907	5.22	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.40%			
41) Toluene-d8	7.93	98	422611	5.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.80%			
43) trans-1,3-Dichloropropene-	8.21	79	55198	4.98	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.60%			
46) 2-Hexanone-d5	8.67	63	221279	55.11	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.22%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	123126	5.03	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.60%			
64) 1,2-Dichlorobenzene-d4	12.22	152	150926	4.49	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	152928	4.749	ug/L	98
3) Chloromethane	1.54	50	169871	5.403	ug/L	98
5) Vinyl chloride	1.62	62	192301	5.863	ug/L	99
6) Bromomethane	1.87	94	106549	4.042	ug/L	97
8) Chloroethane	1.95	64	120581	4.832	ug/L	99
9) Trichlorofluoromethane	2.16	101	257961	4.517	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	128958	4.069	ug/L	98
12) 1,1-Dichloroethene	2.60	96	119593	4.196	ug/L #	83
13) Acetone	2.68	43	213384	33.787	ug/L	99
14) Carbon disulfide	2.82	76	366577	4.490	ug/L	99
15) Methyl Acetate	3.00	43	43267	4.640	ug/L	100
16) Methylene chloride	3.08	84	143801	4.345	ug/L	98
17) Methyl tert-butyl Ether	3.41	73	235402	4.798	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	118012	4.851	ug/L	98
19) 1,1-Dichloroethane	3.92	63	227636	5.214	ug/L	99
21) 2-Butanone	4.78	43	303573	48.024	ug/L	99
22) cis-1,2-Dichloroethene	4.72	96	126745	4.965	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121119\
Data File : VU036122.D
Acq On : 11 Dec 2019 10:02
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00508

Quant Time: Dec 12 06:08:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 11 17:05:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	63759	4.831	ug/L	89
25) Chloroform	5.13	83	242988	4.994	ug/L	98
27) 1,2-Dichloroethane	5.84	62	147409	5.128	ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	198578	5.051	ug/L	100
30) Cyclohexane	5.43	56	160767	5.209	ug/L	98
31) Carbon tetrachloride	5.57	117	183357	5.158	ug/L	98
33) Benzene	5.82	78	517054	5.424	ug/L	100
34) Trichloroethene	6.58	95	128599	5.081	ug/L	96
35) Methylcyclohexane	6.80	83	173511	5.110	ug/L	98
37) 1,2-Dichloropropane	6.83	63	130575	5.461	ug/L	98
38) Bromodichloromethane	7.14	83	165888	5.162	ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	167456	5.153	ug/L	99
40) 4-Methyl-2-pentanone	7.84	43	661423	52.959	ug/L	99
42) Toluene	8.00	91	555616	5.435	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	148326	5.280	ug/L	99
45) 1,1,2-Trichloroethane	8.44	97	97589	5.184	ug/L	95
47) Tetrachloroethene	8.58	164	117919	4.901	ug/L	96
48) 2-Hexanone	8.73	43	530479	59.208	ug/L	98
49) Dibromochloromethane	8.84	129	118764	4.753	ug/L	98
50) 1,2-Dibromoethane	8.96	107	91760	5.041	ug/L	97
51) Chlorobenzene	9.47	112	349783	4.909	ug/L	99
52) Ethylbenzene	9.60	91	524868	4.901	ug/L	100
53) m,p-Xylene	9.72	106	212511	4.983	ug/L	98
54) o-Xylene	10.13	106	197981	4.943	ug/L	94
55) Styrene	10.14	104	347289	5.057	ug/L	98
56) Isopropylbenzene	10.51	105	511414	4.840	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	121429	4.879	ug/L	96
59) 1,2,3-Trichloropropane	10.85	75	86030	5.033	ug/L	98
61) Bromoform	10.32	173	70719	4.067	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	280643	4.910	ug/L	97
63) 1,4-Dichlorobenzene	11.86	146	276586	4.912	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	261316	4.627	ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.02	75	15944	4.494	ug/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	179673	4.640	ug/L	98
68) 1,2,4-trichlorobenzene	13.86	180	93653	4.554	ug/L	99
69) Naphthalene	14.11	128	73541	3.716	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	88788	4.503	ug/L	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121119\
Data File : VU036122.D
Acq On : 11 Dec 2019 10:02
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Quant Time: Dec 12 06:08:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 11 17:05:01 2019
Response via : Initial Calibration