Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120919\
Data File : VU036071.D
Acq On : 10 Dec 2019 01:28
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00527

Quant Time: Dec 10 02:00:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 10 01:47:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	271875	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	287571	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	150022	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	111992	4.62	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.40%			
7) Chloroethane-d5	1.93	69	133755	5.26	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 105.20%			
11) 1,1-Dichloroethene-d2	2.59	63	233812	5.28	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 105.60%			
20) 2-Butanone-d5	4.69	46	236458	57.26	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.52%			
24) Chloroform-d	5.11	84	195480	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.40%			
26) 1,2-Dichloroethane-d4	5.75	65	98583	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.80%			
32) Benzene-d6	5.77	84	388616	5.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.80%			
36) 1,2-Dichloropropane-d6	6.73	67	112643	5.13	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.60%			
41) Toluene-d8	7.93	98	379054	5.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 112.80%			
43) trans-1,3-Dichloropropene-	8.21	79	47862	5.23	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 104.60%			
46) 2-Hexanone-d5	8.67	63	213051	64.36	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 128.72%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	106567	5.28	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.60%			
64) 1,2-Dichlorobenzene-d4	12.22	152	146592	5.08	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	126868	4.747	ug/L	97
3) Chloromethane	1.53	50	107763	4.129	ug/L	98
5) Vinyl chloride	1.62	62	126802	4.658	ug/L	98
6) Bromomethane	1.87	94	85004	3.885	ug/L	98
8) Chloroethane	1.95	64	108323	5.230	ug/L	98
9) Trichlorofluoromethane	2.16	101	246282	5.196	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	130211	4.950	ug/L	97
12) 1,1-Dichloroethene	2.60	96	119165	5.038	ug/L #	81
13) Acetone	2.68	43	226623	43.234	ug/L	96
14) Carbon disulfide	2.82	76	381710	5.633	ug/L	99
15) Methyl Acetate	3.00	43	51185	6.614	ug/L	97
16) Methylene chloride	3.08	84	159037	5.790	ug/L	97
17) Methyl tert-butyl Ether	3.41	73	277832	6.823	ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	125270	6.204	ug/L	98
19) 1,1-Dichloroethane	3.92	63	234283	6.465	ug/L	98
21) 2-Butanone	4.77	43	247991	47.268	ug/L	96
22) cis-1,2-Dichloroethene	4.72	96	106777	5.039	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120919\
Data File : VU036071.D
Acq On : 10 Dec 2019 01:28
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00527

Quant Time: Dec 10 02:00:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 10 01:47:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.02	128	54241	4.951 ug/L	97
25) Chloroform	5.14	83	192576	4.769 ug/L	95
27) 1,2-Dichloroethane	5.84	62	117426	4.921 ug/L	97
29) 1,1,1-Trichloroethane	5.36	97	165301	5.100 ug/L	98
30) Cyclohexane	5.43	56	130877	5.143 ug/L	99
31) Carbon tetrachloride	5.57	117	151295	5.162 ug/L	98
33) Benzene	5.82	78	405949	5.165 ug/L	100
34) Trichloroethene	6.58	95	108137	5.182 ug/L	96
35) Methylcyclohexane	6.80	83	145472	5.196 ug/L	97
37) 1,2-Dichloropropane	6.83	63	98960	5.019 ug/L	99
38) Bromodichloromethane	7.14	83	137555	5.191 ug/L	97
39) cis-1,3-Dichloropropene	7.64	75	138879	5.183 ug/L	95
40) 4-Methyl-2-pentanone	7.84	43	584057	56.717 ug/L	99
42) Toluene	8.00	91	456782	5.419 ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	121728	5.255 ug/L	98
45) 1,1,2-Trichloroethane	8.43	97	83112	5.354 ug/L	95
47) Tetrachloroethene	8.58	164	99366	5.008 ug/L	99
48) 2-Hexanone	8.73	43	435092	58.897 ug/L	96
49) Dibromochloromethane	8.84	129	107130	5.200 ug/L	97
50) 1,2-Dibromoethane	8.96	107	80011	5.331 ug/L	95
51) Chlorobenzene	9.48	112	292795	4.984 ug/L	98
52) Ethylbenzene	9.60	91	443198	5.019 ug/L	99
53) m,p-Xylene	9.72	106	179040	5.092 ug/L	94
54) o-Xylene	10.13	106	172389	5.221 ug/L	98
55) Styrene	10.14	104	298416	5.270 ug/L	97
56) Isopropylbenzene	10.51	105	436830	5.014 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	103808	5.059 ug/L	100
59) 1,2,3-Trichloropropane	10.85	75	74090	5.257 ug/L	98
61) Bromoform	10.32	173	65583	4.393 ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	249188	5.078 ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	242301	5.012 ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	231101	4.766 ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	15767	5.176 ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	172062	5.175 ug/L	100
68) 1,2,4-trichlorobenzene	13.86	180	99159	5.616 ug/L	98
69) Naphthalene	14.11	128	92801	5.462 ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	97985	5.788 ug/L	100

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120919\
Data File : VU036071.D
Acq On : 10 Dec 2019 01:28
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Quant Time: Dec 10 02:00:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 10 01:47:47 2019
Response via : Initial Calibration