Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112119\
Data File : VV013703.D
Acq On : 21 Nov 2019 10:05
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00544

Quant Time: Nov 22 03:55:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 21 00:51:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	408021	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	392820	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	217463	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	115913	4.60	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.00%			
7) Chloroethane-d5	1.58	69	107145	4.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.20%			
11) 1,1-Dichloroethene-d2	2.13	63	226289	5.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.20%			
20) 2-Butanone-d5	3.96	46	266839	45.78	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.56%			
24) Chloroform-d	4.39	84	250830	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.00%			
26) 1,2-Dichloroethane-d4	5.08	65	118627	4.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.60%			
32) Benzene-d6	5.09	84	496835	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.80%			
36) 1,2-Dichloropropane-d6	6.11	67	144748	4.47	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.40%			
41) Toluene-d8	7.35	98	477684	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.80%			
43) trans-1,3-Dichloropropene-	7.66	79	54361	4.37	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.40%			
46) 2-Hexanone-d5	8.13	63	205391	43.59	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.18%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	99507	4.25	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	181680	4.34	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 86.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	195872	5.220	ug/L	100
3) Chloromethane	1.25	50	181485	5.027	ug/L	99
5) Vinyl chloride	1.32	62	179177	5.210	ug/L	100
6) Bromomethane	1.53	94	93592	4.465	ug/L	98
8) Chloroethane	1.60	64	105415	5.461	ug/L	99
9) Trichlorofluoromethane	1.77	101	254377	5.565	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	142437	5.673	ug/L	99
12) 1,1-Dichloroethene	2.14	96	131789	5.406	ug/L	97
13) Acetone	2.23	43	188553	51.272	ug/L	96
14) Carbon disulfide	2.31	76	417212	4.961	ug/L	99
15) Methyl Acetate	2.47	43	53585	5.145	ug/L	98
16) Methylene chloride	2.53	84	157174	4.640	ug/L	99
17) Methyl tert-butyl Ether	2.80	73	329545	5.293	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	158716	5.280	ug/L	94
19) 1,1-Dichloroethane	3.22	63	281936	5.252	ug/L	99
21) 2-Butanone	4.04	43	336489	54.563	ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	166666	5.342	ug/L #	100

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112119\
Data File : VV013703.D
Acq On : 21 Nov 2019 10:05
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00544

Quant Time: Nov 22 03:55:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 21 00:51:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.29	128	74762	5.198 ug/L	96
25) Chloroform	4.42	83	310546	4.271 ug/L	98
27) 1,2-Dichloroethane	5.17	62	167952	5.200 ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	252620	5.320 ug/L	99
30) Cyclohexane	4.72	56	253220	5.360 ug/L	99
31) Carbon tetrachloride	4.87	117	227282	5.298 ug/L	95
33) Benzene	5.14	78	639694	5.380 ug/L	100
34) Trichloroethene	5.95	95	171231	5.381 ug/L	99
35) Methylcyclohexane	6.17	83	271067	5.584 ug/L	98
37) 1,2-Dichloropropane	6.21	63	150383	5.282 ug/L	99
38) Bromodichloromethane	6.55	83	202393	5.097 ug/L	99
39) cis-1,3-Dichloropropene	7.06	75	219289	5.359 ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	878040	53.009 ug/L	99
42) Toluene	7.42	91	701628	5.523 ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	168905	5.237 ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	106088	5.167 ug/L	98
47) Tetrachloroethene	8.01	164	158178	5.364 ug/L	99
48) 2-Hexanone	8.18	43	618386	52.638 ug/L	97
49) Dibromochloromethane	8.28	129	141298	5.421 ug/L	98
50) 1,2-Dibromoethane	8.39	107	101503	5.146 ug/L	99
51) Chlorobenzene	8.92	112	448127	5.320 ug/L	100
52) Ethylbenzene	9.05	91	746928	5.516 ug/L	99
53) m,p-xylene	9.18	106	293117	5.740 ug/L	98
54) o-xylene	9.58	106	277795	5.656 ug/L	98
55) Styrene	9.60	104	477891	5.753 ug/L	98
56) Isopropylbenzene	9.97	105	744317	5.699 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	114159	5.012 ug/L	91
59) 1,2,3-Trichloropropane	10.32	75	90910	5.166 ug/L	98
61) Bromoform	9.77	173	80992	4.975 ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	390112	5.352 ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	383545	5.182 ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	349977	5.155 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	19064	4.703 ug/L	85
67) 1,3,5-Trichlorobenzene	12.69	180	313749	5.186 ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	253366	5.098 ug/L	100
69) Naphthalene	13.55	128	333243	4.910 ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	229537	5.056 ug/L	98

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112119\
Data File : VV013703.D
Acq On : 21 Nov 2019 10:05
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00544

Quant Time: Nov 22 03:55:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 21 00:51:34 2019
Response via : Initial Calibration