Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR092618\
Data File : VR025856.D
Acq On : 26 Sep 2018 10:34
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD00586

Quant Time: Sep 27 07:48:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 26 06:56:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	409372	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	334882	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	120364	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.15	65	130188	4.44	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.80%			
7) Chloroethane-d5	2.63	69	117374	5.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.00%			
11) 1,1-Dichloroethene-d2	3.64	63	343420	4.84	ug/L	0.01
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.80%			
20) 2-Butanone-d5	6.59	46	209938	53.72	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.44%			
24) Chloroform-d	7.20	84	296415	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.40%			
26) 1,2-Dichloroethane-d4	7.90	65	127933	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
32) Benzene-d6	7.85	84	556922	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.60%			
36) 1,2-Dichloropropane-d6	8.90	67	160489	4.73	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.60%			
41) Toluene-d8	9.97	98	492352	4.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.00%			
43) trans-1,3-Dichloropropene-	10.23	79	39148	4.17	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.40%			
46) 2-Hexanone-d5	10.59	63	159375	50.86	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.72%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	69918	5.42	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.40%			
64) 1,2-Dichlorobenzene-d4	13.52	152	94923	4.61	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.84	85	171258	4.017	ug/L	96
3) Chloromethane	2.01	50	220361	4.747	ug/L	98
5) Vinyl chloride	2.17	62	214612	4.881	ug/L	98
6) Bromomethane	2.53	94	121985	4.881	ug/L	99
8) Chloroethane	2.66	64	123446	4.941	ug/L	95
9) Trichlorofluoromethane	2.93	101	318306m	5.838	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	193966	5.839	ug/L	98
12) 1,1-Dichloroethene	3.66	96	185014	5.239	ug/L	84
13) Acetone	3.70	43	169508	65.735	ug/L	97
14) Carbon disulfide	3.96	76	441223	4.440	ug/L	98
15) Methyl Acetate	4.20	43	41684	5.039	ug/L	100
16) Methylene chloride	4.41	84	161510	5.087	ug/L	97
17) Methyl tert-butyl Ether	4.90	73	245769	3.979	ug/L	98
18) trans-1,2-Dichloroethene	4.88	96	179764	4.499	ug/L	94
19) 1,1-Dichloroethane	5.69	63	367627	4.501	ug/L	98
21) 2-Butanone	6.69	43	256075	47.648	ug/L	98
22) cis-1,2-Dichloroethene	6.67	96	177222	4.404	ug/L #	99

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR092618\
Data File : VR025856.D
Acq On : 26 Sep 2018 10:34
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD00586

Quant Time: Sep 27 07:48:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 26 06:56:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	7.05	128	44818	4.226	ug/L		90
25) Chloroform	7.23	83	339806	4.524	ug/L		96
27) 1,2-Dichloroethane	7.99	62	166066	4.278	ug/L		97
29) 1,1,1-Trichloroethane	7.43	97	279183	4.128	ug/L		97
30) Cyclohexane	7.51	56	363253	4.505	ug/L		98
31) Carbon tetrachloride	7.63	117	239317	4.300	ug/L		99
33) Benzene	7.90	78	804624	4.577	ug/L		100
34) Trichloroethene	8.71	95	207376	4.444	ug/L		95
35) Methylcyclohexane	8.95	83	343091	4.484	ug/L		98
37) 1,2-Dichloropropane	8.99	63	178751	4.560	ug/L		98
38) Bromodichloromethane	9.28	83	194768	4.501	ug/L		98
39) cis-1,3-Dichloropropene	9.72	75	208598	4.347	ug/L		98
40) 4-Methyl-2-pentanone	9.87	43	634518	46.497	ug/L		98
42) Toluene	10.03	91	839107	4.683	ug/L		97
44) trans-1,3-Dichloropropene	10.26	75	139413	4.192	ug/L		95
45) 1,1,2-Trichloroethane	10.45	97	71472	4.349	ug/L		86
47) Tetrachloroethene	10.51	164	115760	4.338	ug/L		92
48) 2-Hexanone	10.63	43	422513	47.079	ug/L		98
49) Dibromochloromethane	10.79	129	77406	4.521	ug/L		89
50) 1,2-Dibromoethane	10.89	107	61221	4.233	ug/L	#	95
51) Chlorobenzene	11.32	112	429985	4.575	ug/L		98
52) Ethylbenzene	11.39	91	977616	4.742	ug/L		100
53) m,p-Xylene	11.50	106	336638	4.529	ug/L		97
54) o-Xylene	11.83	106	322089	4.732	ug/L		98
55) Styrene	11.84	104	501241	4.753	ug/L		98
56) Isopropylbenzene	12.13	105	918479	4.822	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.39	83	76380	4.737	ug/L		95
59) 1,2,3-Trichloropropane	12.43	75	56479	4.412	ug/L		99
61) Bromoform	12.01	173	23144	4.121	ug/L		96
62) 1,3-Dichlorobenzene	13.16	146	242633	4.356	ug/L		97
63) 1,4-Dichlorobenzene	13.24	146	235638	4.383	ug/L		98
65) 1,2-Dichlorobenzene	13.53	146	188591	4.448	ug/L		94
66) 1,2-Dibromo-3-chloropropan	14.14	75	7359	3.796	ug/L		98
67) 1,3,5-Trichlorobenzene	14.29	180	136812	4.354	ug/L		98
68) 1,2,4-trichlorobenzene	14.78	180	86188	4.312	ug/L		100
69) Naphthalene	15.00	128	122199	4.200	ug/L		97
70) 1,2,3-Trichlorobenzene	15.18	180	59413	4.184	ug/L		95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR092618\
Data File : VR025856.D
Acq On : 26 Sep 2018 10:34
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD00586

Quant Time: Sep 27 07:48:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 26 06:56:32 2018
Response via : Initial Calibration