Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091619\
Data File : VV012839.D
Acq On : 16 Sep 2019 16:19
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00558

Quant Time: Sep 16 17:31:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 16 17:02:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	429563	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	425570	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	212089	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	124219	4.17	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.40%			
7) Chloroethane-d5	1.58	69	99790	4.28	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.60%			
11) 1,1-Dichloroethene-d2	2.13	63	213509	4.33	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.60%			
20) 2-Butanone-d5	3.99	46	239271	58.19	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 116.38%			
24) Chloroform-d	4.40	84	214530	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.80%			
26) 1,2-Dichloroethane-d4	5.08	65	100486	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%			
32) Benzene-d6	5.09	84	418111	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.00%			
36) 1,2-Dichloropropane-d6	6.12	67	124432	4.40	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.00%			
41) Toluene-d8	7.36	98	390303	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.60%			
43) trans-1,3-Dichloropropene-	7.66	79	43384	4.75	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.00%			
46) 2-Hexanone-d5	8.14	63	132041	51.52	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.04%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	77037	4.95	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	132850	4.52	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	148066	4.565	ug/L	100
3) Chloromethane	1.25	50	137118	4.352	ug/L	95
5) Vinyl chloride	1.32	62	159794	4.523	ug/L	99
6) Bromomethane	1.53	94	82140	4.523	ug/L	97
8) Chloroethane	1.60	64	85507	4.486	ug/L	99
9) Trichlorofluoromethane	1.77	101	198456	4.594	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	118204	4.628	ug/L	99
12) 1,1-Dichloroethene	2.14	96	105789	4.509	ug/L	89
13) Acetone	2.25	43	209898	65.873	ug/L	62
14) Carbon disulfide	2.31	76	225961	4.472	ug/L	99
15) Methyl Acetate	2.48	43	58686	6.372	ug/L	93
16) Methylene chloride	2.53	84	122997	4.406	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	297871	4.859	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	114032	4.452	ug/L	98
19) 1,1-Dichloroethane	3.23	63	243418	4.611	ug/L	100
21) 2-Butanone	4.07	43	374576	64.440	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	132741	4.695	ug/L	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091619\
Data File : VV012839.D
Acq On : 16 Sep 2019 16:19
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00558

Quant Time: Sep 16 17:31:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 16 17:02:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	59426	4.841 ug/L	99
25) Chloroform	4.42	83	263367	4.468 ug/L	97
27) 1,2-Dichloroethane	5.18	62	150015	4.915 ug/L	100
29) 1,1,1-Trichloroethane	4.65	97	201591	4.613 ug/L	100
30) Cyclohexane	4.72	56	171366	4.631 ug/L	99
31) Carbon tetrachloride	4.87	117	169218	4.566 ug/L	100
33) Benzene	5.14	78	512135	4.762 ug/L	100
34) Trichloroethene	5.96	95	141878	4.623 ug/L	97
35) Methylcyclohexane	6.17	83	180017	4.774 ug/L	97
37) 1,2-Dichloropropane	6.22	63	140472	4.854 ug/L	98
38) Bromodichloromethane	6.55	83	176779	4.722 ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	173222	4.830 ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	907267	56.706 ug/L	96
42) Toluene	7.43	91	551396	5.015 ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	138747	4.865 ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	100627	4.885 ug/L	97
47) Tetrachloroethene	8.02	164	106971	4.760 ug/L	95
48) 2-Hexanone	8.19	43	691708	56.714 ug/L	99
49) Dibromochloromethane	8.29	129	115947	4.922 ug/L	99
50) 1,2-Dibromoethane	8.40	107	86149	5.024 ug/L	99
51) Chlorobenzene	8.92	112	363359	4.783 ug/L	99
52) Ethylbenzene	9.05	91	570121	4.862 ug/L	100
53) m,p-xylene	9.18	106	216262	4.964 ug/L	96
54) o-xylene	9.59	106	212082	5.006 ug/L	99
55) Styrene	9.60	104	381558	5.309 ug/L	100
56) Isopropylbenzene	9.97	105	575886	5.070 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	96699	5.034 ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	85763	5.002 ug/L	99
61) Bromoform	9.77	173	61141	4.626 ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	288869	4.762 ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	290668	4.632 ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	278315	4.736 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	12855	4.563 ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	211895	4.539 ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	167342	4.780 ug/L	99
69) Naphthalene	13.55	128	235994	4.715 ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	166108	4.887 ug/L	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091619\
Data File : VV012839.D
Acq On : 16 Sep 2019 16:19
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00558

Quant Time: Sep 16 17:31:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 16 17:02:53 2019
Response via : Initial Calibration