Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101018\
Data File : VR026035.D
Acq On : 10 Oct 2018 18:19
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD00595

Manual Integrations APPROVED
MMDadoda
10/11/2018 6:29:07 PM

Quant Time: Oct 11 05:06:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 11 04:11:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	425745	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	390306	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	155575	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.16	65	199389	5.94	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 118.80%			
7) Chloroethane-d5	2.63	69	176498	6.43	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 128.60%			
11) 1,1-Dichloroethene-d2	3.63	63	453212	5.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 115.00%			
20) 2-Butanone-d5	6.59	46	213676	57.09	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.18%			
24) Chloroform-d	7.20	84	316527	5.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.40%			
26) 1,2-Dichloroethane-d4	7.90	65	146689	5.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 116.80%			
32) Benzene-d6	7.86	84	641143	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.80%			
36) 1,2-Dichloropropane-d6	8.90	67	174878	5.00	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.00%			
41) Toluene-d8	9.97	98	607570	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.60%			
43) trans-1,3-Dichloropropene-	10.24	79	43374	5.46	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 109.20%			
46) 2-Hexanone-d5	10.59	63	189436	62.52	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 125.04%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	80841	5.69	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 113.80%			
64) 1,2-Dichlorobenzene-d4	13.51	152	130013	5.22	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	95643	3.696	ug/L #	85
3) Chloromethane	2.01	50	188041	5.110	ug/L	95
5) Vinyl chloride	2.17	62	187283	5.114	ug/L	100
6) Bromomethane	2.52	94	116704	5.104	ug/L	90
8) Chloroethane	2.66	64	111714	5.361	ug/L	96
9) Trichlorofluoromethane	2.94	101	280025m	5.506	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	166937	5.370	ug/L	96
12) 1,1-Dichloroethene	3.65	96	167218	5.203	ug/L	91
13) Acetone	3.70	43	149355	55.056	ug/L	94
14) Carbon disulfide	3.96	76	327483	4.209	ug/L	99
15) Methyl Acetate	4.20	43	39905	5.305	ug/L	99
16) Methylene chloride	4.40	84	157339	5.324	ug/L	92
17) Methyl tert-butyl Ether	4.90	73	182992	5.142	ug/L	99
18) trans-1,2-Dichloroethene	4.88	96	122574	4.611	ug/L	88
19) 1,1-Dichloroethane	5.69	63	241465	4.588	ug/L	95
21) 2-Butanone	6.69	43	190015	50.925	ug/L	98
22) cis-1,2-Dichloroethene	6.68	96	123775	4.628	ug/L #	96

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101018\
Data File : VR026035.D
Acq On : 10 Oct 2018 18:19
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD00595

Manual Integrations APPROVED
MMDadoda
10/11/2018 6:29:07 PM

Quant Time: Oct 11 05:06:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 11 04:11:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	7.06	128	36194	4.988	ug/L		84
25) Chloroform	7.23	83	250665	4.891	ug/L		99
27) 1,2-Dichloroethane	7.99	62	131804	5.154	ug/L		97
29) 1,1,1-Trichloroethane	7.43	97	199294	4.541	ug/L		98
30) Cyclohexane	7.51	56	198680	3.623	ug/L		98
31) Carbon tetrachloride	7.63	117	176386	4.641	ug/L		97
33) Benzene	7.91	78	565920	4.323	ug/L		100
34) Trichloroethene	8.71	95	138649	4.019	ug/L		92
35) Methylcyclohexane	8.95	83	199931	3.855	ug/L		96
37) 1,2-Dichloropropane	9.00	63	129338	4.605	ug/L		99
38) Bromodichloromethane	9.28	83	143365	4.731	ug/L		100
39) cis-1,3-Dichloropropene	9.72	75	154049	4.892	ug/L		100
40) 4-Methyl-2-pentanone	9.87	43	522306	52.890	ug/L		98
42) Toluene	10.04	91	619938	4.557	ug/L		100
44) trans-1,3-Dichloropropene	10.26	75	107546	5.231	ug/L		95
45) 1,1,2-Trichloroethane	10.45	97	61471	4.839	ug/L		96
47) Tetrachloroethene	10.51	164	93524	4.400	ug/L		91
48) 2-Hexanone	10.63	43	353723	54.708	ug/L		99
49) Dibromochloromethane	10.79	129	65930	5.114	ug/L		99
50) 1,2-Dibromoethane	10.89	107	51235	5.112	ug/L	#	99
51) Chlorobenzene	11.32	112	344436	4.773	ug/L		94
52) Ethylbenzene	11.39	91	732481	4.718	ug/L		99
53) m,p-Xylene	11.50	106	264072	4.777	ug/L		86
54) o-Xylene	11.83	106	252603	4.909	ug/L		87
55) Styrene	11.84	104	407069	5.083	ug/L		93
56) Isopropylbenzene	12.13	105	686816	4.840	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.39	83	62945	5.143	ug/L		100
59) 1,2,3-Trichloropropane	12.43	75	48078	5.278	ug/L		98
61) Bromoform	12.01	173	22926	4.875	ug/L		97
62) 1,3-Dichlorobenzene	13.16	146	198375	4.363	ug/L		93
63) 1,4-Dichlorobenzene	13.24	146	213253	4.585	ug/L		94
65) 1,2-Dichlorobenzene	13.53	146	174183	4.768	ug/L		97
66) 1,2-Dibromo-3-chloropropan	14.15	75	6229	4.055	ug/L	#	74
67) 1,3,5-Trichlorobenzene	14.29	180	128219	4.734	ug/L		95
68) 1,2,4-trichlorobenzene	14.78	180	78421	4.542	ug/L		97
69) Naphthalene	15.00	128	98720	4.480	ug/L		99
70) 1,2,3-Trichlorobenzene	15.18	180	60663	5.064	ug/L		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101018\
Data File : VR026035.D
Acq On : 10 Oct 2018 18:19
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 11 05:06:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 11 04:11:41 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
ClientSampleId :
VSTD00595

Manual Integrations APPROVED
MMDadoda
10/11/2018 6:29:07 PM