Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR092118\
Data File : VR025804.D
Acq On : 21 Sep 2018 16:54
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 22 04:33:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 21 16:31:29 2018
Response via : Initial Calibration

Instrument : MSVOA_R
ClientSampleId : VSTD00525

Manual Integrations APPROVED
MMDadoda
9/24/2018 5:10:14 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	514721	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	411615	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	147211	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.15	65	170755	4.63	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.60%			
7) Chloroethane-d5	2.63	69	131330	4.54	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.80%			
11) 1,1-Dichloroethene-d2	3.61	63	413363	4.64	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.80%			
20) 2-Butanone-d5	6.59	46	244479	49.76	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.52%			
24) Chloroform-d	7.20	84	381444	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.60%			
26) 1,2-Dichloroethane-d4	7.90	65	161355	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.80%			
32) Benzene-d6	7.85	84	734046	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.00%			
36) 1,2-Dichloropropane-d6	8.90	67	198814	4.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.40%			
41) Toluene-d8	9.97	98	658698	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.80%			
43) trans-1,3-Dichloropropene-	10.24	79	54220	4.70	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.00%			
46) 2-Hexanone-d5	10.59	63	188289	48.89	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.78%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	80725	5.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.80%			
64) 1,2-Dichlorobenzene-d4	13.51	152	117911	4.68	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	252214	4.705	ug/L	99
3) Chloromethane	2.01	50	260456	4.463	ug/L	99
5) Vinyl chloride	2.16	62	249693	4.517	ug/L	98
6) Bromomethane	2.52	94	139006	4.424	ug/L	99
8) Chloroethane	2.66	64	140513	4.473	ug/L	96
9) Trichlorofluoromethane	2.93	101	319226m	4.657	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	192882	4.618	ug/L	98
12) 1,1-Dichloroethene	3.62	96	201737	4.543	ug/L	93
13) Acetone	3.69	43	168767	52.053	ug/L	94
14) Carbon disulfide	3.92	76	581823	4.657	ug/L	98
15) Methyl Acetate	4.19	43	51780	4.978	ug/L #	90
16) Methylene chloride	4.40	84	175967	4.408	ug/L	94
17) Methyl tert-butyl Ether	4.88	73	365345	4.705	ug/L	98
18) trans-1,2-Dichloroethene	4.88	96	233949	4.657	ug/L	95
19) 1,1-Dichloroethane	5.69	63	477667	4.651	ug/L	96
21) 2-Butanone	6.69	43	325101	48.111	ug/L	99
22) cis-1,2-Dichloroethene	6.67	96	238768	4.719	ug/L #	100

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR092118\
Data File : VR025804.D
Acq On : 21 Sep 2018 16:54
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD00525

Manual Integrations APPROVED
MMDadoda
9/24/2018 5:10:14 PM

Quant Time: Sep 22 04:33:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 21 16:31:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	7.04	128	61531	4.614	ug/L		99
25) Chloroform	7.23	83	444394	4.706	ug/L		99
27) 1,2-Dichloroethane	7.99	62	230940	4.732	ug/L		97
29) 1,1,1-Trichloroethane	7.43	97	386747	4.652	ug/L		99
30) Cyclohexane	7.51	56	466410	4.706	ug/L		98
31) Carbon tetrachloride	7.63	117	327477	4.787	ug/L		99
33) Benzene	7.91	78	1012270	4.685	ug/L		100
34) Trichloroethene	8.71	95	262984	4.586	ug/L		99
35) Methylcyclohexane	8.95	83	444266	4.724	ug/L		99
37) 1,2-Dichloropropane	8.99	63	228752	4.748	ug/L		100
38) Bromodichloromethane	9.28	83	250429	4.708	ug/L		97
39) cis-1,3-Dichloropropene	9.72	75	288326	4.888	ug/L		99
40) 4-Methyl-2-pentanone	9.87	43	813265	48.485	ug/L		99
42) Toluene	10.04	91	1044074	4.741	ug/L		97
44) trans-1,3-Dichloropropene	10.26	75	199741	4.887	ug/L		97
45) 1,1,2-Trichloroethane	10.45	97	96139	4.760	ug/L		97
47) Tetrachloroethene	10.51	164	149034	4.544	ug/L		96
48) 2-Hexanone	10.63	43	529787	48.027	ug/L		100
49) Dibromochloromethane	10.79	129	103209	4.905	ug/L		100
50) 1,2-Dibromoethane	10.89	107	82009	4.613	ug/L	#	95
51) Chlorobenzene	11.32	112	537559	4.653	ug/L		98
52) Ethylbenzene	11.39	91	1206666	4.762	ug/L		99
53) m,p-Xylene	11.50	106	423788	4.638	ug/L		98
54) o-Xylene	11.83	106	391003	4.674	ug/L		96
55) Styrene	11.84	104	607783	4.689	ug/L		98
56) Isopropylbenzene	12.13	105	1124702	4.804	ug/L		100
58) 1,1,2,2-Tetrachloroethane	12.39	83	96697	4.879	ug/L		92
59) 1,2,3-Trichloropropane	12.43	75	73994	4.703	ug/L		97
61) Bromoform	12.01	173	32025	4.662	ug/L		98
62) 1,3-Dichlorobenzene	13.16	146	317937	4.667	ug/L		97
63) 1,4-Dichlorobenzene	13.24	146	305488	4.646	ug/L		98
65) 1,2-Dichlorobenzene	13.53	146	244228	4.709	ug/L		94
66) 1,2-Dibromo-3-chloropropan	14.14	75	11010	4.644	ug/L		97
67) 1,3,5-Trichlorobenzene	14.29	180	178630	4.649	ug/L		98
68) 1,2,4-trichlorobenzene	14.78	180	116367	4.760	ug/L		98
69) Naphthalene	15.00	128	172177	4.839	ug/L		99
70) 1,2,3-Trichlorobenzene	15.18	180	80298	4.623	ug/L		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR092118\
Data File : VR025804.D
Acq On : 21 Sep 2018 16:54
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 22 04:33:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 21 16:31:29 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
ClientSampleId :
VSTD00525

Manual Integrations APPROVED
MMDadoda
9/24/2018 5:10:14 PM