Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061019\
Data File : VV011365.D
Acq On : 10 Jun 2019 23:11
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00544

Quant Time: Jun 11 01:38:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 11 01:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	140565	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	131332	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	57894	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	44495	4.18	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.60%			
7) Chloroethane-d5	1.55	69	39975	4.51	ug/L	-0.01
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.20%			
11) 1,1-Dichloroethene-d2	2.12	63	99151	4.66	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.20%			
20) 2-Butanone-d5	3.94	46	139489	58.17	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 116.34%			
24) Chloroform-d	4.40	84	100124	5.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.80%			
26) 1,2-Dichloroethane-d4	5.08	65	54088	5.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.80%			
32) Benzene-d6	5.09	84	190004	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
36) 1,2-Dichloropropane-d6	6.11	67	59772	4.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.80%			
41) Toluene-d8	7.36	98	172364	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.60%			
43) trans-1,3-Dichloropropene-	7.66	79	19436	4.21	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.20%			
46) 2-Hexanone-d5	8.13	63	109870	56.37	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 112.74%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45537	5.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	60758	5.32	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	61815	4.459	ug/L	99
3) Chloromethane	1.25	50	64164	4.787	ug/L	98
5) Vinyl chloride	1.32	62	66049	5.107	ug/L	95
6) Bromomethane	1.51	94	25505	3.791	ug/L	99
8) Chloroethane	1.57	64	40547	4.906	ug/L	98
9) Trichlorofluoromethane	1.75	101	85374	4.809	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	44717	4.907	ug/L	98
12) 1,1-Dichloroethene	2.13	96	43748	4.940	ug/L	99
13) Acetone	2.19	43	90931	56.557	ug/L	98
14) Carbon disulfide	2.31	76	114972	4.280	ug/L	99
15) Methyl Acetate	2.46	43	23021	5.391	ug/L	98
16) Methylene chloride	2.53	84	48279	5.291	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	121758	5.150	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	46504	4.690	ug/L	94
19) 1,1-Dichloroethane	3.22	63	95660	4.891	ug/L	99
21) 2-Butanone	4.03	43	138818	56.066	ug/L	95
22) cis-1,2-Dichloroethene	3.95	96	51827	4.720	ug/L	99

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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00544

Quant Time: Jun 11 01:38:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 11 01:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.29	128	19978	4.746	ug/L		84
25) Chloroform	4.42	83	97852	4.844	ug/L		97
27) 1,2-Dichloroethane	5.18	62	64686	5.240	ug/L		99
29) 1,1,1-Trichloroethane	4.65	97	76714	4.580	ug/L		98
30) Cyclohexane	4.71	56	77910	4.195	ug/L		97
31) Carbon tetrachloride	4.87	117	61713	4.408	ug/L		98
33) Benzene	5.14	78	197202	4.719	ug/L		100
34) Trichloroethene	5.96	95	51849	4.803	ug/L		100
35) Methylcyclohexane	6.17	83	75365	4.221	ug/L		99
37) 1,2-Dichloropropane	6.22	63	49090	4.720	ug/L		100
38) Bromodichloromethane	6.55	83	59785	4.649	ug/L		99
39) cis-1,3-Dichloropropene	7.07	75	67834	4.458	ug/L		98
40) 4-Methyl-2-pentanone	7.27	43	352671	53.245	ug/L		98
42) Toluene	7.43	91	217613	4.886	ug/L		100
44) trans-1,3-Dichloropropene	7.69	75	49943	4.317	ug/L		97
45) 1,1,2-Trichloroethane	7.88	97	33976	5.103	ug/L		96
47) Tetrachloroethene	8.02	164	35169	4.508	ug/L		99
48) 2-Hexanone	8.18	43	245997	53.253	ug/L		98
49) Dibromochloromethane	8.29	129	34668	4.584	ug/L		96
50) 1,2-Dibromoethane	8.40	107	30540	4.826	ug/L	#	93
51) Chlorobenzene	8.92	112	134209	4.941	ug/L		99
52) Ethylbenzene	9.05	91	236413	4.779	ug/L		98
53) m,p-xylene	9.18	106	84582	4.624	ug/L		98
54) o-xylene	9.59	106	87822	4.892	ug/L		98
55) Styrene	9.60	104	141949	4.855	ug/L		97
56) Isopropylbenzene	9.97	105	223074	4.617	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.29	83	42875	5.312	ug/L		98
59) 1,2,3-Trichloropropane	10.32	75	31132	5.132	ug/L		99
61) Bromoform	9.77	173	15083	4.337	ug/L		96
62) 1,3-Dichlorobenzene	11.22	146	93951	4.908	ug/L		99
63) 1,4-Dichlorobenzene	11.32	146	92607	4.983	ug/L		99
65) 1,2-Dichlorobenzene	11.69	146	92142	5.207	ug/L		99
66) 1,2-Dibromo-3-chloropropan	12.48	75	5741	4.528	ug/L	#	86
67) 1,3,5-Trichlorobenzene	12.69	180	64103	4.654	ug/L		98
68) 1,2,4-trichlorobenzene	13.31	180	49581	4.742	ug/L		97
69) Naphthalene	13.55	128	86433	5.050	ug/L		99
70) 1,2,3-Trichlorobenzene	13.79	180	46860	4.998	ug/L		98

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

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