Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062518\
Data File : VV006441.D
Acq On : 25 Jun 2018 20:43
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00586

Quant Time: Jun 26 06:54:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 26 06:50:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	334632	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	301472	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	145921	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	96324	4.38	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.60%			
7) Chloroethane-d5	1.58	69	79313	4.47	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.40%			
11) 1,1-Dichloroethene-d2	2.13	63	177076	4.54	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.80%			
20) 2-Butanone-d5	3.98	46	201098	48.77	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.54%			
24) Chloroform-d	4.41	84	173050	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.20%			
26) 1,2-Dichloroethane-d4	5.09	65	82492	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.00%			
32) Benzene-d6	5.11	84	367026	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%			
36) 1,2-Dichloropropane-d6	6.12	67	109516	4.68	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.60%			
41) Toluene-d8	7.37	98	353722	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.00%			
43) trans-1,3-Dichloropropene-	7.67	79	37287	4.33	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.60%			
46) 2-Hexanone-d5	8.14	63	169319	49.61	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.22%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	68995	4.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.20%			
64) 1,2-Dichlorobenzene-d4	11.68	152	127916	4.72	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	119386	4.87	ug/L	100
3) Chloromethane	1.26	50	117786	4.69	ug/L	99
5) Vinyl chloride	1.32	62	130587	4.78	ug/L	99
6) Bromomethane	1.54	94	73282	4.63	ug/L	98
8) Chloroethane	1.60	64	81164	4.69	ug/L	99
9) Trichlorofluoromethane	1.77	101	161661	4.92	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	102526	4.97	ug/L	99
12) 1,1-Dichloroethene	2.14	96	95440	4.72	ug/L	94
13) Acetone	2.23	43	128335	50.78	ug/L	99
14) Carbon disulfide	2.32	76	239185	4.19	ug/L	100
15) Methyl Acetate	2.48	43	36624	4.92	ug/L	96
16) Methylene chloride	2.54	84	105518	4.45	ug/L	99
17) Methyl tert-butyl Ether	2.82	73	233603	4.76	ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	104921	4.74	ug/L	99
19) 1,1-Dichloroethane	3.23	63	184757	4.68	ug/L	99
21) 2-Butanone	4.06	43	215784	47.25	ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	115756	4.75	ug/L	100

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

Instrument : MSVOA_V
ClientSampleId : VSTD00586

Quant Time: Jun 26 06:54:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 26 06:50:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	46451	4.69	ug/L	98
25) Chloroform	4.43	83	189387	4.76	ug/L	99
27) 1,2-Dichloroethane	5.19	62	108525	4.86	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	154233	4.69	ug/L	99
30) Cyclohexane	4.73	56	158936	4.84	ug/L	98
31) Carbon tetrachloride	4.88	117	129285	4.69	ug/L	99
33) Benzene	5.15	78	427668	4.80	ug/L	100
34) Trichloroethene	5.96	95	121013	4.75	ug/L	99
35) Methylcyclohexane	6.18	83	181888	4.91	ug/L	99
37) 1,2-Dichloropropane	6.23	63	105757	4.86	ug/L	100
38) Bromodichloromethane	6.56	83	114472	4.57	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	140342	4.64	ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	518181	48.95	ug/L	100
42) Toluene	7.44	91	456925	4.85	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	108571	4.57	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	75079	5.00	ug/L	99
47) Tetrachloroethene	8.02	164	93221	4.84	ug/L	99
48) 2-Hexanone	8.20	43	374499	49.17	ug/L	100
49) Dibromochloromethane	8.30	129	73515	4.59	ug/L	99
50) 1,2-Dibromoethane	8.40	107	66939	4.96	ug/L	96
51) Chlorobenzene	8.93	112	302604	4.85	ug/L	99
52) Ethylbenzene	9.06	91	497246	4.87	ug/L	100
53) m,p-xylene	9.19	106	193052	4.90	ug/L	99
54) o-xylene	9.59	106	190607	4.94	ug/L	100
55) Styrene	9.61	104	314246	4.97	ug/L	100
56) Isopropylbenzene	9.98	105	497007	4.94	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	69963	4.94	ug/L	99
59) 1,2,3-Trichloropropane	10.33	75	58157	4.91	ug/L	100
61) Bromoform	9.78	173	35756	4.37	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	228648	4.76	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	228521	4.75	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	218756	4.86	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	8435	4.41	ug/L	96
67) 1,3,5-Trichlorobenzene	12.70	180	175231	4.80	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	133766	4.99	ug/L	100
69) Naphthalene	13.56	128	197150	5.04	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	124500	4.99	ug/L	99

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

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