Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082918\
Data File : VV007249.D
Acq On : 29 Aug 2018 10:17
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00565

Quant Time: Aug 30 04:36:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 29 04:00:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	281435	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	277369	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	129574	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	76851	3.85	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.00%			
7) Chloroethane-d5	1.58	69	66649	4.14	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.80%			
11) 1,1-Dichloroethene-d2	2.13	63	145161	4.20	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.00%			
20) 2-Butanone-d5	3.96	46	201207	40.34	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 80.68%			
24) Chloroform-d	4.40	84	173448	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.00%			
26) 1,2-Dichloroethane-d4	5.09	65	82488	4.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.00%			
32) Benzene-d6	5.10	84	327937	4.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.20%			
36) 1,2-Dichloropropane-d6	6.12	67	108526	4.23	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 84.60%			
41) Toluene-d8	7.36	98	301096	4.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.80%			
43) trans-1,3-Dichloropropene-	7.67	79	37126	4.08	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.60%			
46) 2-Hexanone-d5	8.14	63	95979	40.06	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 80.12%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	82063	4.12	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 82.40%			
64) 1,2-Dichlorobenzene-d4	11.68	152	104299	4.19	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 83.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	105865	5.12	ug/L	100
3) Chloromethane	1.25	50	117261	5.17	ug/L	97
5) Vinyl chloride	1.32	62	108526	5.00	ug/L	98
6) Bromomethane	1.54	94	39032	5.02	ug/L	98
8) Chloroethane	1.60	64	68374	5.14	ug/L	99
9) Trichlorofluoromethane	1.77	101	155628	5.13	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	99595	5.22	ug/L	99
12) 1,1-Dichloroethene	2.14	96	87267	5.12	ug/L	91
13) Acetone	2.20	43	120179	48.04	ug/L	91
14) Carbon disulfide	2.32	76	243940	4.86	ug/L	100
15) Methyl Acetate	2.47	43	31478	4.74	ug/L	98
16) Methylene chloride	2.54	84	99230	4.81	ug/L	98
17) Methyl tert-butyl Ether	2.82	73	205165	4.68	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	97469	5.14	ug/L	96
19) 1,1-Dichloroethane	3.23	63	197854	5.12	ug/L	99
21) 2-Butanone	4.05	43	244642	47.03	ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	107659	4.94	ug/L	97

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ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 29 04:00:48 2018
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	48179	4.88 ug/L	99
25) Chloroform	4.43	83	199672	5.16 ug/L	99
27) 1,2-Dichloroethane	5.19	62	109883	4.83 ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	164790	5.10 ug/L	99
30) Cyclohexane	4.73	56	143605	5.05 ug/L	97
31) Carbon tetrachloride	4.87	117	141041	5.15 ug/L	100
33) Benzene	5.15	78	429044	5.22 ug/L	100
34) Trichloroethene	5.96	95	102975	4.97 ug/L	96
35) Methylcyclohexane	6.18	83	155052	5.12 ug/L	99
37) 1,2-Dichloropropane	6.22	63	113891	5.22 ug/L	100
38) Bromodichloromethane	6.56	83	134588	5.15 ug/L	95
39) cis-1,3-Dichloropropene	7.08	75	134996	4.99 ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	544984	47.72 ug/L	98
42) Toluene	7.43	91	433469	5.37 ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	111549	4.94 ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	76303	4.85 ug/L	99
47) Tetrachloroethene	8.02	164	91067	5.32 ug/L	99
48) 2-Hexanone	8.20	43	443075	51.98 ug/L	97
49) Dibromochloromethane	8.30	129	86666	4.90 ug/L	100
50) 1,2-Dibromoethane	8.40	107	65647	4.88 ug/L	98
51) Chlorobenzene	8.93	112	278397	5.08 ug/L	99
52) Ethylbenzene	9.06	91	420496	5.19 ug/L	99
53) m,p-xylene	9.19	106	160480	5.20 ug/L	100
54) o-xylene	9.59	106	152666	5.32 ug/L	98
55) Styrene	9.61	104	269143	5.35 ug/L	98
56) Isopropylbenzene	9.98	105	403788	5.29 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	88041	4.79 ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	62972	4.75 ug/L	99
61) Bromoform	9.78	173	46612	4.79 ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	197068	5.07 ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	208495	5.08 ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	197823	5.09 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	9838	4.32 ug/L	94
67) 1,3,5-Trichlorobenzene	12.70	180	152453	5.36 ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	99993	5.22 ug/L	99
69) Naphthalene	13.56	128	109471	4.57 ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	92802	4.94 ug/L	99

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

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