Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV083018\
Data File : VV007287.D
Acq On : 31 Aug 2018 03:04
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00571

Quant Time: Aug 31 03:45:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR083018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 31 02:32:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	306394	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	306830	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	145300	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	127571	4.75	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.00%			
7) Chloroethane-d5	1.58	69	102791	4.93	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.60%			
11) 1,1-Dichloroethene-d2	2.13	63	214775	4.79	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.80%			
20) 2-Butanone-d5	3.97	46	285275	54.55	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.10%			
24) Chloroform-d	4.41	84	232084	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.40%			
26) 1,2-Dichloroethane-d4	5.09	65	111672	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.20%			
32) Benzene-d6	5.10	84	467765	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.20%			
36) 1,2-Dichloropropane-d6	6.12	67	144710	4.80	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.00%			
41) Toluene-d8	7.36	98	433201	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.40%			
43) trans-1,3-Dichloropropene-	7.67	79	49789	4.75	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.00%			
46) 2-Hexanone-d5	8.14	63	177025	49.36	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.72%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	112488	5.29	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.80%			
64) 1,2-Dichlorobenzene-d4	11.68	152	141859	4.89	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	144019	5.37	ug/L #	89
3) Chloromethane	1.25	50	150656	5.08	ug/L	99
5) Vinyl chloride	1.32	62	146036	5.07	ug/L	97
6) Bromomethane	1.54	94	74251	5.19	ug/L	95
8) Chloroethane	1.60	64	86517	5.22	ug/L	98
9) Trichlorofluoromethane	1.77	101	188849	5.18	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	112787	5.15	ug/L	100
12) 1,1-Dichloroethene	2.14	96	109104	5.16	ug/L	90
13) Acetone	2.22	43	154978	53.78	ug/L	99
14) Carbon disulfide	2.32	76	350275	5.01	ug/L	99
15) Methyl Acetate	2.47	43	40023	5.56	ug/L	96
16) Methylene chloride	2.54	84	122494	4.91	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	258357	5.44	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	121217	5.17	ug/L	99
19) 1,1-Dichloroethane	3.23	63	223524	5.28	ug/L	98
21) 2-Butanone	4.06	43	314680	60.73	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	125604	4.98	ug/L	96

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Instrument : MSVOA_V
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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 31 02:32:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.31	128	58490	5.35 ug/L	99
25) Chloroform	4.43	83	230782	5.23 ug/L	100
27) 1,2-Dichloroethane	5.19	62	135079	5.40 ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	194222	5.12 ug/L	99
30) Cyclohexane	4.73	56	174799	4.72 ug/L	97
31) Carbon tetrachloride	4.88	117	167985	5.10 ug/L	100
33) Benzene	5.15	78	518127	5.21 ug/L	100
34) Trichloroethene	5.96	95	122853	5.03 ug/L	98
35) Methylcyclohexane	6.18	83	181044	4.66 ug/L	97
37) 1,2-Dichloropropane	6.23	63	133329	5.19 ug/L	100
38) Bromodichloromethane	6.56	83	156726	5.22 ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	152086	4.70 ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	702280	60.21 ug/L	99
42) Toluene	7.43	91	537178	5.41 ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	130479	4.92 ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	93360	5.53 ug/L	93
47) Tetrachloroethene	8.02	164	106976	5.07 ug/L	99
48) 2-Hexanone	8.20	43	533731	64.11 ug/L	95
49) Dibromochloromethane	8.30	129	103147	5.31 ug/L	93
50) 1,2-Dibromoethane	8.40	107	82423	5.52 ug/L	98
51) Chlorobenzene	8.93	112	331713	5.12 ug/L	99
52) Ethylbenzene	9.06	91	505382	5.05 ug/L	99
53) m,p-xylene	9.19	106	198272	5.12 ug/L	96
54) o-xylene	9.59	106	185887	5.16 ug/L	99
55) Styrene	9.61	104	341318	5.44 ug/L	99
56) Isopropylbenzene	9.98	105	474412	5.09 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	110385	5.51 ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	78492	5.61 ug/L	99
61) Bromoform	9.78	173	57234	5.31 ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	226621	4.99 ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	243335	5.12 ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	236378	5.30 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	15614	5.58 ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	179021	4.89 ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	134646	4.69 ug/L	100
69) Naphthalene	13.56	128	189252	4.70 ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	133975	4.95 ug/L	99

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

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