Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081518\
Data File : VV007015.D
Acq On : 15 Aug 2018 14:04
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00587

Quant Time: Aug 16 02:46:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 14 05:35:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	248443	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	237969	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	110490	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	62380	3.89	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.80%			
7) Chloroethane-d5	1.58	69	59424	4.37	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.40%			
11) 1,1-Dichloroethene-d2	2.13	63	128354	4.26	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.20%			
20) 2-Butanone-d5	3.96	46	198869	43.12	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 86.24%			
24) Chloroform-d	4.40	84	163720	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.60%			
26) 1,2-Dichloroethane-d4	5.09	65	81305	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.00%			
32) Benzene-d6	5.10	84	294956	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.60%			
36) 1,2-Dichloropropane-d6	6.12	67	103798	4.97	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.40%			
41) Toluene-d8	7.36	98	256405	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.60%			
43) trans-1,3-Dichloropropene-	7.67	79	35702	4.91	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.20%			
46) 2-Hexanone-d5	8.15	63	144936	48.75	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.50%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	84347	5.18	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.60%			
64) 1,2-Dichlorobenzene-d4	11.68	152	94284	4.91	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	122240	5.05	ug/L	99
3) Chloromethane	1.25	50	111875	4.80	ug/L	98
5) Vinyl chloride	1.32	62	121354	5.04	ug/L	99
6) Bromomethane	1.54	94	29147	5.58	ug/L	99
8) Chloroethane	1.60	64	71726	4.91	ug/L	100
9) Trichlorofluoromethane	1.77	101	157179	5.13	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	94696	5.15	ug/L	98
12) 1,1-Dichloroethene	2.14	96	90731	5.09	ug/L	93
13) Acetone	2.21	43	86501	36.43	ug/L	100
14) Carbon disulfide	2.32	76	282619	4.80	ug/L	100
15) Methyl Acetate	2.47	43	26635	3.99	ug/L	99
16) Methylene chloride	2.54	84	97046	4.51	ug/L	98
17) Methyl tert-butyl Ether	2.81	73	210102	4.91	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	97338	5.10	ug/L	98
19) 1,1-Dichloroethane	3.23	63	202504	5.87	ug/L	98
21) 2-Butanone	4.05	43	202209	39.22	ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	108294	5.00	ug/L	98

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Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00587

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Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	45854	5.19	ug/L	93
25) Chloroform	4.43	83	195025	5.17	ug/L	99
27) 1,2-Dichloroethane	5.19	62	114164	4.85	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	163950	5.17	ug/L	99
30) Cyclohexane	4.72	56	164312	4.98	ug/L	99
31) Carbon tetrachloride	4.88	117	143804	5.40	ug/L	99
33) Benzene	5.15	78	438911	5.32	ug/L	100
34) Trichloroethene	5.96	95	103348	5.23	ug/L	96
35) Methylcyclohexane	6.18	83	167522	5.28	ug/L	98
37) 1,2-Dichloropropane	6.23	63	114104	5.06	ug/L	99
38) Bromodichloromethane	6.56	83	136364	5.32	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	139059	5.10	ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	606985	49.79	ug/L	98
42) Toluene	7.44	91	437865	5.53	ug/L	97
44) trans-1,3-Dichloropropene	7.70	75	115124	5.14	ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	74764	5.09	ug/L	96
47) Tetrachloroethene	8.02	164	86118	5.37	ug/L	98
48) 2-Hexanone	8.20	43	450710	52.42	ug/L	99
49) Dibromochloromethane	8.30	129	85306	5.54	ug/L	99
50) 1,2-Dibromoethane	8.40	107	66896	5.39	ug/L	99
51) Chlorobenzene	8.93	112	267403	5.30	ug/L	99
52) Ethylbenzene	9.06	91	426462	5.39	ug/L	99
53) m,p-xylene	9.19	106	162719	5.52	ug/L	98
54) o-xylene	9.59	106	150975	5.40	ug/L	100
55) Styrene	9.61	104	266033	5.65	ug/L	99
56) Isopropylbenzene	9.98	105	399647	5.45	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	90906	5.09	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	64813	5.13	ug/L	98
61) Bromoform	9.78	173	44338	5.30	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	190097	5.32	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	192926	5.26	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	187437	5.33	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	11261	4.51	ug/L	92
67) 1,3,5-Trichlorobenzene	12.70	180	145460	5.38	ug/L	97
68) 1,2,4-trichlorobenzene	13.32	180	102382	5.16	ug/L	99
69) Naphthalene	13.56	128	122901	4.31	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	98368	5.14	ug/L	99

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

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