Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080618\
Data File : VV006895.D
Acq On : 06 Aug 2018 10:23
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00563

Quant Time: Aug 07 09:37:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080218WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 06 03:23:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	368975	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	360071	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	163870	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	106220	4.16	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.20%			
7) Chloroethane-d5	1.58	69	98680	4.44	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.80%			
11) 1,1-Dichloroethene-d2	2.13	63	225682	4.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.20%			
20) 2-Butanone-d5	3.96	46	276706	44.64	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.28%			
24) Chloroform-d	4.40	84	211933	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.80%			
26) 1,2-Dichloroethane-d4	5.09	65	105114	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.20%			
32) Benzene-d6	5.10	84	400264	4.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.40%			
36) 1,2-Dichloropropane-d6	6.12	67	134829	4.20	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 84.00%			
41) Toluene-d8	7.36	98	374210	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.20%			
43) trans-1,3-Dichloropropene-	7.67	79	48114	4.24	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.80%			
46) 2-Hexanone-d5	8.14	63	181769	35.96	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 71.92%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	106145	4.44	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.80%			
64) 1,2-Dichlorobenzene-d4	11.68	152	123903	4.08	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 81.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	162413	5.51	ug/L	98
3) Chloromethane	1.25	50	168075	3.94	ug/L	98
5) Vinyl chloride	1.32	62	188125	5.68	ug/L	98
6) Bromomethane	1.54	94	37363	4.53	ug/L	99
8) Chloroethane	1.60	64	123965	5.57	ug/L	100
9) Trichlorofluoromethane	1.77	101	237794	5.87	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	151230	5.94	ug/L	99
12) 1,1-Dichloroethene	2.14	96	134454	5.70	ug/L	92
13) Acetone	2.21	43	255760	58.51	ug/L	99
14) Carbon disulfide	2.32	76	400593	5.73	ug/L	96
15) Methyl Acetate	2.47	43	70449	5.36	ug/L	99
16) Methylene chloride	2.54	84	154152	5.47	ug/L	95
17) Methyl tert-butyl Ether	2.82	73	351893	5.56	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	145936	5.68	ug/L	97
19) 1,1-Dichloroethane	3.23	63	283400	5.91	ug/L	99
21) 2-Butanone	4.05	43	377937	56.58	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	147167	5.34	ug/L	96

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Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00563

Quant Time: Aug 07 09:37:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080218WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 06 03:23:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.30	128	65531	5.46	ug/L		97
25) Chloroform	4.43	83	272419	5.84	ug/L		97
27) 1,2-Dichloroethane	5.19	62	160790	5.67	ug/L		97
29) 1,1,1-Trichloroethane	4.66	97	231337	5.54	ug/L		99
30) Cyclohexane	4.73	56	201370	4.66	ug/L		100
31) Carbon tetrachloride	4.88	117	195949	5.70	ug/L		98
33) Benzene	5.15	78	574692	5.19	ug/L		100
34) Trichloroethene	5.96	95	141458	5.02	ug/L		96
35) Methylcyclohexane	6.18	83	209596	4.69	ug/L		95
37) 1,2-Dichloropropane	6.22	63	153070	5.28	ug/L	#	97
38) Bromodichloromethane	6.56	83	184689	5.59	ug/L		97
39) cis-1,3-Dichloropropene	7.08	75	191298	5.11	ug/L		99
40) 4-Methyl-2-pentanone	7.29	43	865475	53.91	ug/L		97
42) Toluene	7.43	91	586917	5.39	ug/L		98
44) trans-1,3-Dichloropropene	7.70	75	161343	5.23	ug/L		93
45) 1,1,2-Trichloroethane	7.89	97	109630	5.23	ug/L		96
47) Tetrachloroethene	8.02	164	117197	5.22	ug/L		94
48) 2-Hexanone	8.20	43	623074	57.20	ug/L		98
49) Dibromochloromethane	8.30	129	121996	5.75	ug/L		98
50) 1,2-Dibromoethane	8.40	107	94359	5.28	ug/L		100
51) Chlorobenzene	8.93	112	369116	5.27	ug/L		99
52) Ethylbenzene	9.06	91	569307	5.01	ug/L		98
53) m,p-xylene	9.19	106	217177	5.15	ug/L		97
54) o-xylene	9.59	106	200609	4.71	ug/L		99
55) Styrene	9.61	104	352775	5.27	ug/L		98
56) Isopropylbenzene	9.98	105	551445	5.09	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.29	83	135634	5.34	ug/L		97
59) 1,2,3-Trichloropropane	10.32	75	96690	5.42	ug/L		95
61) Bromoform	9.78	173	64678	5.80	ug/L		98
62) 1,3-Dichlorobenzene	11.23	146	259954	5.02	ug/L		98
63) 1,4-Dichlorobenzene	11.32	146	267858	5.23	ug/L		98
65) 1,2-Dichlorobenzene	11.70	146	262412	5.16	ug/L		97
66) 1,2-Dibromo-3-chloropropan	12.48	75	19054	5.39	ug/L		94
67) 1,3,5-Trichlorobenzene	12.70	180	208323	5.23	ug/L		98
68) 1,2,4-trichlorobenzene	13.32	180	151328	4.89	ug/L		98
69) Naphthalene	13.56	128	208940	3.87	ug/L		99
70) 1,2,3-Trichlorobenzene	13.80	180	146724	4.91	ug/L		98

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

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