Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082818\
Data File : VV007230.D
Acq On : 28 Aug 2018 16:33
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00563

Quant Time: Aug 29 03:58:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 29 01:25:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	254998	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	249838	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	121501	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	82199	4.54	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.80%			
7) Chloroethane-d5	1.58	69	69641	4.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.40%			
11) 1,1-Dichloroethene-d2	2.13	63	147913	4.72	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.40%			
20) 2-Butanone-d5	3.97	46	230848	51.08	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.16%			
24) Chloroform-d	4.40	84	173340	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.80%			
26) 1,2-Dichloroethane-d4	5.09	65	86032	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.40%			
32) Benzene-d6	5.10	84	337398	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.00%			
36) 1,2-Dichloropropane-d6	6.12	67	109830	4.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.00%			
41) Toluene-d8	7.36	98	309879	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.40%			
43) trans-1,3-Dichloropropene-	7.67	79	38963	4.75	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.00%			
46) 2-Hexanone-d5	8.15	63	101165	46.88	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.76%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	86543	4.82	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.40%			
64) 1,2-Dichlorobenzene-d4	11.68	152	111696	4.78	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	96485	5.15	ug/L	100
3) Chloromethane	1.25	50	103838	5.06	ug/L	98
5) Vinyl chloride	1.32	62	100592	5.12	ug/L	99
6) Bromomethane	1.54	94	35012	4.97	ug/L	100
8) Chloroethane	1.60	64	61747	5.12	ug/L	98
9) Trichlorofluoromethane	1.77	101	140041	5.09	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	88848	5.14	ug/L	99
12) 1,1-Dichloroethene	2.14	96	81307	5.27	ug/L	93
13) Acetone	2.21	43	119430	52.69	ug/L	98
14) Carbon disulfide	2.32	76	224522	4.93	ug/L	100
15) Methyl Acetate	2.47	43	30519	5.08	ug/L	95
16) Methylene chloride	2.54	84	94028	5.03	ug/L	98
17) Methyl tert-butyl Ether	2.82	73	201615	5.07	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	87645	5.10	ug/L	98
19) 1,1-Dichloroethane	3.23	63	173732	4.96	ug/L	98
21) 2-Butanone	4.06	43	251903	53.45	ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	99682	5.05	ug/L	99

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ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00563

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 29 01:25:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	45043	5.04	ug/L	99
25) Chloroform	4.43	83	180036	5.14	ug/L	97
27) 1,2-Dichloroethane	5.19	62	106475	5.17	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	151164	5.19	ug/L	99
30) Cyclohexane	4.72	56	129244	5.04	ug/L	99
31) Carbon tetrachloride	4.87	117	127949	5.19	ug/L	100
33) Benzene	5.15	78	389172	5.26	ug/L	100
34) Trichloroethene	5.96	95	94926	5.09	ug/L	98
35) Methylcyclohexane	6.18	83	138248	5.06	ug/L	100
37) 1,2-Dichloropropane	6.22	63	103540	5.27	ug/L	100
38) Bromodichloromethane	6.56	83	124606	5.29	ug/L	96
39) cis-1,3-Dichloropropene	7.08	75	128194	5.26	ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	560063	54.44	ug/L	100
42) Toluene	7.43	91	401712	5.53	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	107460	5.29	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	71344	5.04	ug/L	97
47) Tetrachloroethene	8.02	164	81581	5.29	ug/L	98
48) 2-Hexanone	8.20	43	436018	56.79	ug/L	99
49) Dibromochloromethane	8.30	129	82737	5.19	ug/L	100
50) 1,2-Dibromoethane	8.40	107	63897	5.28	ug/L	99
51) Chlorobenzene	8.93	112	253534	5.13	ug/L	99
52) Ethylbenzene	9.06	91	378969	5.19	ug/L	100
53) m,p-xylene	9.19	106	147907	5.32	ug/L	99
54) o-xylene	9.59	106	139565	5.39	ug/L	96
55) Styrene	9.61	104	246071	5.43	ug/L	98
56) Isopropylbenzene	9.98	105	371198	5.40	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	86510	5.22	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	63277	5.30	ug/L	100
61) Bromoform	9.78	173	44652	4.90	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	184166	5.05	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	194739	5.06	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	187226	5.14	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	10078	4.72	ug/L	96
67) 1,3,5-Trichlorobenzene	12.70	180	141591	5.31	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	96301	5.36	ug/L	100
69) Naphthalene	13.56	128	114303	5.09	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	90344	5.13	ug/L	96

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

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