Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_V\DATA\VV050718\
Data File : VV005816.D
Acq On : 07 May 2018 13:37
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00598

Quant Time: May 08 01:17:13 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVTR050518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon May 07 14:49:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	319278	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	319034	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	152256	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	108151	4.46	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.20%			
7) Chloroethane-d5	1.59	69	90221	4.32	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.40%			
11) 1,1-Dichloroethene-d2	2.14	63	236412	4.42	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.40%			
20) 2-Butanone-d5	3.95	46	231773	48.62	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.24%			
24) Chloroform-d	4.41	84	202769	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.80%			
26) 1,2-Dichloroethane-d4	5.09	65	112370	4.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.80%			
32) Benzene-d6	5.11	84	388980	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.80%			
36) 1,2-Dichloropropane-d6	6.12	67	114690	4.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.20%			
41) Toluene-d8	7.36	98	383007	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.60%			
43) trans-1,3-Dichloropropene-	7.67	79	47097	4.49	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.80%			
46) 2-Hexanone-d5	8.14	63	189388	46.20	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.40%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	85954	4.30	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.00%			
64) 1,2-Dichlorobenzene-d4	11.68	152	131381	4.15	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 83.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	165009m	5.25	ug/L	
3) Chloromethane	1.26	50	130317	4.44	ug/L	97
5) Vinyl chloride	1.33	62	139036	4.46	ug/L	97
6) Bromomethane	1.54	94	66984	4.81	ug/L	98
8) Chloroethane	1.60	64	86576	4.65	ug/L	96
9) Trichlorofluoromethane	1.77	101	222298	4.86	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.15	101	124158	4.96	ug/L	99
12) 1,1-Dichloroethene	2.15	96	107816	4.72	ug/L	88
13) Acetone	2.20	43	175184	43.39	ug/L	99
14) Carbon disulfide	2.32	76	323381	4.31	ug/L	100
15) Methyl Acetate	2.47	43	47836	4.52	ug/L	97
16) Methylene chloride	2.54	84	115356	4.55	ug/L	96
17) Methyl tert-butyl Ether	2.82	73	262156	4.61	ug/L	99
18) trans-1,2-Dichloroethene	2.80	96	117885	4.69	ug/L	95
19) 1,1-Dichloroethane	3.23	63	220015	4.51	ug/L	99
21) 2-Butanone	4.04	43	257959	47.02	ug/L	96
22) cis-1,2-Dichloroethene	3.97	96	120214	4.88	ug/L	96

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00598

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Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVTR050518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon May 07 14:49:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.31	128	48442	4.68	ug/L		95
25) Chloroform	4.44	83	236688	4.63	ug/L		98
27) 1,2-Dichloroethane	5.19	62	145221	4.71	ug/L		100
29) 1,1,1-Trichloroethane	4.67	97	201449	4.86	ug/L		99
30) Cyclohexane	4.73	56	180647	5.12	ug/L		97
31) Carbon tetrachloride	4.88	117	183902	4.93	ug/L		99
33) Benzene	5.15	78	460979	4.97	ug/L		100
34) Trichloroethene	5.96	95	128866	4.88	ug/L		96
35) Methylcyclohexane	6.18	83	190352	5.12	ug/L		97
37) 1,2-Dichloropropane	6.23	63	111573	4.86	ug/L		100
38) Bromodichloromethane	6.56	83	156522	4.86	ug/L		99
39) cis-1,3-Dichloropropene	7.08	75	170379	5.13	ug/L		98
40) 4-Methyl-2-pentanone	7.28	43	690329	48.49	ug/L		99
42) Toluene	7.44	91	510715	5.02	ug/L		99
44) trans-1,3-Dichloropropene	7.70	75	141981	5.13	ug/L		98
45) 1,1,2-Trichloroethane	7.89	97	79516	4.64	ug/L		98
47) Tetrachloroethene	8.02	164	91021	4.91	ug/L		97
48) 2-Hexanone	8.19	43	514269	48.91	ug/L		98
49) Dibromochloromethane	8.30	129	97074	4.89	ug/L		99
50) 1,2-Dibromoethane	8.40	107	74916	4.73	ug/L		96
51) Chlorobenzene	8.93	112	327073	4.90	ug/L		99
52) Ethylbenzene	9.06	91	568507	5.17	ug/L		98
53) m,p-xylene	9.19	106	211773	5.27	ug/L		99
54) o-xylene	9.59	106	206288	5.32	ug/L		99
55) Styrene	9.61	104	348388	5.39	ug/L		98
56) Isopropylbenzene	9.98	105	570718	5.47	ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.29	83	91123	4.81	ug/L		97
59) 1,2,3-Trichloropropane	10.32	75	72211	4.73	ug/L		99
61) Bromoform	9.78	173	44301	4.47	ug/L	#	96
62) 1,3-Dichlorobenzene	11.23	146	244498	4.94	ug/L		99
63) 1,4-Dichlorobenzene	11.32	146	252208	4.89	ug/L		97
65) 1,2-Dichlorobenzene	11.70	146	233806	4.81	ug/L		99
66) 1,2-Dibromo-3-chloropropan	12.48	75	14855	4.60	ug/L	#	85
67) 1,3,5-Trichlorobenzene	12.70	180	179299	4.98	ug/L		98
68) 1,2,4-trichlorobenzene	13.32	180	141651	5.27	ug/L		98
69) Naphthalene	13.56	128	218906	5.10	ug/L		99
70) 1,2,3-Trichlorobenzene	13.80	180	134551	5.24	ug/L		98

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

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