Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100818\
Data File : VV008144.D
Acq On : 08 Oct 2018 10:21
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00578

Quant Time: Oct 09 03:18:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 08 05:22:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	118543	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	111954	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61577	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	26994	3.71	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.20%			
7) Chloroethane-d5	1.59	69	23062	3.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 75.20%			
11) 1,1-Dichloroethene-d2	2.14	63	54777	3.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.00%			
20) 2-Butanone-d5	3.96	46	82869	47.34	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.68%			
24) Chloroform-d	4.41	84	65918	4.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.80%			
26) 1,2-Dichloroethane-d4	5.09	65	31473	4.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.80%			
32) Benzene-d6	5.10	84	121125	4.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.80%			
36) 1,2-Dichloropropane-d6	6.12	67	38972	4.30	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.00%			
41) Toluene-d8	7.36	98	117186	4.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.20%			
43) trans-1,3-Dichloropropene-	7.67	79	14190	4.49	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.80%			
46) 2-Hexanone-d5	8.14	63	60879	48.36	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.72%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	29352	4.61	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.20%			
64) 1,2-Dichlorobenzene-d4	11.68	152	49176	4.21	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 84.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	41372	5.148	ug/L	98
3) Chloromethane	1.25	50	32423	4.787	ug/L	100
5) Vinyl chloride	1.33	62	37519	4.975	ug/L	97
6) Bromomethane	1.54	94	19683	5.509	ug/L	97
8) Chloroethane	1.60	64	22400	4.445	ug/L	99
9) Trichlorofluoromethane	1.77	101	63400	4.907	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.15	101	37600	4.894	ug/L	98
12) 1,1-Dichloroethene	2.15	96	31900	4.967	ug/L	88
13) Acetone	2.21	43	52186	43.997	ug/L	98
14) Carbon disulfide	2.32	76	76126	4.658	ug/L	98
15) Methyl Acetate	2.47	43	12816	4.551	ug/L	96
16) Methylene chloride	2.54	84	34706	4.454	ug/L	98
17) Methyl tert-butyl Ether	2.81	73	76523	4.754	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	33715	4.810	ug/L	98
19) 1,1-Dichloroethane	3.23	63	67096	5.027	ug/L	100
21) 2-Butanone	4.05	43	93280	48.749	ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	39556	5.003	ug/L	100

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ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00578

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 08 05:22:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.31	128	17934	4.996 ug/L	93
25) Chloroform	4.43	83	73602	5.125 ug/L	99
27) 1,2-Dichloroethane	5.19	62	40386	4.786 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	64383	5.178 ug/L	99
30) Cyclohexane	4.73	56	50765	4.916 ug/L	100
31) Carbon tetrachloride	4.88	117	57860	5.179 ug/L	100
33) Benzene	5.15	78	148599	5.260 ug/L	100
34) Trichloroethene	5.96	95	41110	4.987 ug/L	99
35) Methylcyclohexane	6.18	83	57174	4.965 ug/L	98
37) 1,2-Dichloropropane	6.23	63	39329	5.160 ug/L	100
38) Bromodichloromethane	6.56	83	49014	5.256 ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	51741	5.293 ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	217514	50.353 ug/L	100
42) Toluene	7.43	91	163927	5.462 ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	42936	5.402 ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	27036	5.057 ug/L	98
47) Tetrachloroethene	8.02	164	38879	5.280 ug/L	93
48) 2-Hexanone	8.19	43	156419	53.337 ug/L	99
49) Dibromochloromethane	8.29	129	34684	5.200 ug/L	100
50) 1,2-Dibromoethane	8.40	107	25156	5.182 ug/L	99
51) Chlorobenzene	8.93	112	111308	5.303 ug/L	99
52) Ethylbenzene	9.06	91	174762	5.336 ug/L	100
53) m,p-xylene	9.18	106	66628	5.366 ug/L	99
54) o-xylene	9.59	106	64475	5.439 ug/L	98
55) Styrene	9.61	104	114740	5.683 ug/L	100
56) Isopropylbenzene	9.98	105	180216	5.527 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	30398	4.904 ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	22491	5.054 ug/L	96
61) Bromoform	9.78	173	19728	5.203 ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	92509	5.046 ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	95959	5.135 ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	89218	5.037 ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	4622	4.997 ug/L	96
67) 1,3,5-Trichlorobenzene	12.70	180	81813	5.237 ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	61160	5.248 ug/L	99
69) Naphthalene	13.56	128	73056	4.910 ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	56290	5.079 ug/L	98

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

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