Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072018\
Data File : VV006673.D
Acq On : 20 Jul 2018 17:49
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00572

Quant Time: Jul 20 18:07:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 20 05:09:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	242363	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	226994	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	110167	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	78768	4.63	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.60%			
7) Chloroethane-d5	1.57	69	59095	5.15	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.00%			
11) 1,1-Dichloroethene-d2	2.13	63	161051	4.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.60%			
20) 2-Butanone-d5	3.95	46	140727	38.10	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 76.20%			
24) Chloroform-d	4.41	84	149098	5.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.20%			
26) 1,2-Dichloroethane-d4	5.09	65	68515	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.40%			
32) Benzene-d6	5.10	84	306917	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.60%			
36) 1,2-Dichloropropane-d6	6.12	67	96017	5.02	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.40%			
41) Toluene-d8	7.36	98	287829	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.40%			
43) trans-1,3-Dichloropropene-	7.67	79	30920	4.77	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.40%			
46) 2-Hexanone-d5	8.14	63	153497	47.46	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.92%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	69477	5.00	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.00%			
64) 1,2-Dichlorobenzene-d4	11.68	152	99264	5.01	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	121930	5.29	ug/L #	83
3) Chloromethane	1.26	50	94084	4.83	ug/L	98
5) Vinyl chloride	1.32	62	129409	5.14	ug/L #	37
6) Bromomethane	1.52	94	20458	2.87	ug/L	98
8) Chloroethane	1.59	64	100773	6.97	ug/L	92
9) Trichlorofluoromethane	1.76	101	162484	5.38	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	103911	5.49	ug/L	99
12) 1,1-Dichloroethene	2.14	96	95511	5.32	ug/L	97
13) Acetone	2.19	43	142317	50.23	ug/L	100
14) Carbon disulfide	2.32	76	321990	5.53	ug/L	100
15) Methyl Acetate	2.46	43	42636	5.13	ug/L	97
16) Methylene chloride	2.54	84	106682	4.73	ug/L	98
17) Methyl tert-butyl Ether	2.81	73	231275	5.22	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	105036	5.31	ug/L	98
19) 1,1-Dichloroethane	3.23	63	197045	5.64	ug/L	99
21) 2-Butanone	4.04	43	250386	52.77	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	110618	5.34	ug/L	100

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 20 05:09:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	45152	5.36 ug/L	96
25) Chloroform	4.43	83	185621	5.52 ug/L	99
27) 1,2-Dichloroethane	5.19	62	104234	5.30 ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	152461	5.37 ug/L	99
30) Cyclohexane	4.72	56	163235	5.15 ug/L	98
31) Carbon tetrachloride	4.88	117	128905	5.31 ug/L	100
33) Benzene	5.15	78	425912	5.33 ug/L	100
34) Trichloroethene	5.96	95	105560	5.22 ug/L	99
35) Methylcyclohexane	6.18	83	177949	5.28 ug/L	99
37) 1,2-Dichloropropane	6.23	63	106332	5.22 ug/L	99
38) Bromodichloromethane	6.56	83	123785	5.47 ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	140162	5.23 ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	565266	51.34 ug/L	99
42) Toluene	7.44	91	449616	5.45 ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	106376	5.11 ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	72214	5.27 ug/L	98
47) Tetrachloroethene	8.02	164	86567	5.33 ug/L	98
48) 2-Hexanone	8.19	43	401806	52.20 ug/L	100
49) Dibromochloromethane	8.30	129	78970	5.44 ug/L	100
50) 1,2-Dibromoethane	8.40	107	65203	5.29 ug/L	98
51) Chlorobenzene	8.93	112	285693	5.33 ug/L	99
52) Ethylbenzene	9.06	91	479359	5.41 ug/L	99
53) m,p-xylene	9.19	106	185063	5.49 ug/L	100
54) o-xylene	9.59	106	179567	5.46 ug/L	100
55) Styrene	9.61	104	310529	5.64 ug/L	100
56) Isopropylbenzene	9.98	105	470598	5.46 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	86862	5.28 ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	62313	5.19 ug/L	100
61) Bromoform	9.78	173	39334	5.17 ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	211081	5.26 ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	215565	5.29 ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	205278	5.34 ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	11653	5.10 ug/L	96
67) 1,3,5-Trichlorobenzene	12.70	180	168135	5.42 ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	131224	5.33 ug/L	100
69) Naphthalene	13.56	128	214213	5.03 ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	122291	5.28 ug/L	99

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

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