Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062818\
Data File : VV006499.D
Acq On : 28 Jun 2018 20:39
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00567

Quant Time: Jun 29 04:25:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 29 03:51:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	323435	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	300588	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	146900	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	110069	5.18	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 103.60%			
7) Chloroethane-d5	1.58	69	88375	5.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.20%			
11) 1,1-Dichloroethene-d2	2.13	63	190008	5.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.80%			
20) 2-Butanone-d5	3.96	46	209614	52.60	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.20%			
24) Chloroform-d	4.41	84	179261	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.80%			
26) 1,2-Dichloroethane-d4	5.09	65	86834	5.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.40%			
32) Benzene-d6	5.11	84	381119	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.40%			
36) 1,2-Dichloropropane-d6	6.12	67	113910	4.88	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.60%			
41) Toluene-d8	7.37	98	362066	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.60%			
43) trans-1,3-Dichloropropene-	7.67	79	38532	4.49	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.80%			
46) 2-Hexanone-d5	8.14	63	193940	56.99	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.98%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	76550	5.35	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.00%			
64) 1,2-Dichlorobenzene-d4	11.68	152	130427	4.78	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	109514	4.62	ug/L	91
3) Chloromethane	1.26	50	108808	4.48	ug/L	100
5) Vinyl chloride	1.32	62	121069	4.59	ug/L	99
6) Bromomethane	1.54	94	53336	3.49	ug/L	98
8) Chloroethane	1.60	64	75087	4.48	ug/L	98
9) Trichlorofluoromethane	1.77	101	152690	4.81	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	98979	4.97	ug/L	99
12) 1,1-Dichloroethene	2.14	96	92139	4.71	ug/L	97
13) Acetone	2.21	43	136535	55.90	ug/L	87
14) Carbon disulfide	2.32	76	218262	3.95	ug/L	100
15) Methyl Acetate	2.47	43	32906	4.58	ug/L	97
16) Methylene chloride	2.54	84	103028	4.50	ug/L	100
17) Methyl tert-butyl Ether	2.81	73	235010	4.96	ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	99277	4.64	ug/L	99
19) 1,1-Dichloroethane	3.23	63	175179	4.59	ug/L	99
21) 2-Butanone	4.05	43	238353	54.00	ug/L	95
22) cis-1,2-Dichloroethene	3.97	96	108868	4.62	ug/L	100

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 29 03:51:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.31	128	46117	4.82 ug/L	95
25) Chloroform	4.44	83	179555	4.67 ug/L	99
27) 1,2-Dichloroethane	5.19	62	104776	4.85 ug/L	100
29) 1,1,1-Trichloroethane	4.67	97	145190	4.43 ug/L	99
30) Cyclohexane	4.73	56	149310	4.56 ug/L	99
31) Carbon tetrachloride	4.88	117	121222	4.41 ug/L	100
33) Benzene	5.15	78	410720	4.63 ug/L	100
34) Trichloroethene	5.96	95	113011	4.45 ug/L	99
35) Methylcyclohexane	6.18	83	171465	4.64 ug/L	99
37) 1,2-Dichloropropane	6.23	63	100758	4.64 ug/L	99
38) Bromodichloromethane	6.56	83	110643	4.43 ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	134943	4.47 ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	549394	52.05 ug/L	100
42) Toluene	7.44	91	433246	4.61 ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	104532	4.41 ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	74124	4.95 ug/L	99
47) Tetrachloroethene	8.02	164	87174	4.54 ug/L	99
48) 2-Hexanone	8.20	43	403085	53.08 ug/L	99
49) Dibromochloromethane	8.30	129	72473	4.54 ug/L	99
50) 1,2-Dibromoethane	8.40	107	67428	5.01 ug/L	97
51) Chlorobenzene	8.93	112	290866	4.68 ug/L	99
52) Ethylbenzene	9.06	91	474696	4.66 ug/L	100
53) m,p-xylene	9.19	106	183653	4.68 ug/L	100
54) o-xylene	9.59	106	179880	4.67 ug/L	100
55) Styrene	9.61	104	306054	4.86 ug/L	100
56) Isopropylbenzene	9.98	105	471467	4.70 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	74063	5.24 ug/L	100
59) 1,2,3-Trichloropropane	10.33	75	60547	5.13 ug/L	100
61) Bromoform	9.78	173	35974	4.36 ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	222715	4.60 ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	222564	4.60 ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	216346	4.78 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	8656	4.50 ug/L	99
67) 1,3,5-Trichlorobenzene	12.70	180	171064	4.65 ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	133526	4.95 ug/L	100
69) Naphthalene	13.56	128	205858	5.22 ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	126514	5.04 ug/L	99

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

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