Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071818\
Data File : VV006635.D
Acq On : 18 Jul 2018 18:03
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00563

Quant Time: Jul 19 04:31:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 19 02:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	256792	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	235840	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	115756	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	105976	4.24	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.80%			
7) Chloroethane-d5	1.57	69	81088	4.47	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.40%			
11) 1,1-Dichloroethene-d2	2.13	63	190343	4.52	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.40%			
20) 2-Butanone-d5	3.95	46	211074	61.40	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 122.80%			
24) Chloroform-d	4.40	84	185723	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.40%			
26) 1,2-Dichloroethane-d4	5.09	65	86675	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.00%			
32) Benzene-d6	5.10	84	379831	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.20%			
36) 1,2-Dichloropropane-d6	6.12	67	120243	4.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.20%			
41) Toluene-d8	7.36	98	348730	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.80%			
43) trans-1,3-Dichloropropene-	7.67	79	40522	4.60	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.00%			
46) 2-Hexanone-d5	8.14	63	218316	46.28	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.56%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	89590	4.51	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.20%			
64) 1,2-Dichlorobenzene-d4	11.68	152	127688	4.65	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	132472	5.08	ug/L #	80
3) Chloromethane	1.26	50	113517	3.92	ug/L	99
5) Vinyl chloride	1.32	62	142635	4.62	ug/L #	9
6) Bromomethane	1.52	94	5407	0.44	ug/L	89
8) Chloroethane	1.59	64	98475	5.68	ug/L	88
9) Trichlorofluoromethane	1.76	101	171751	5.08	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	106969	5.30	ug/L	99
12) 1,1-Dichloroethene	2.14	96	101408	4.93	ug/L	97
13) Acetone	2.19	43	144595	42.14	ug/L	100
14) Carbon disulfide	2.32	76	341274	5.39	ug/L	100
15) Methyl Acetate	2.46	43	42151	3.98	ug/L	100
16) Methylene chloride	2.54	84	108151	4.20	ug/L	100
17) Methyl tert-butyl Ether	2.81	73	236562	4.46	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	113965	5.04	ug/L	98
19) 1,1-Dichloroethane	3.23	63	204028	4.85	ug/L	99
21) 2-Butanone	4.04	43	243732	40.55	ug/L	98
22) cis-1,2-Dichloroethene	3.97	96	118505	5.00	ug/L	100

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	46013	4.76 ug/L	97
25) Chloroform	4.43	83	188486	4.79 ug/L	99
27) 1,2-Dichloroethane	5.19	62	108665	4.66 ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	159152	5.14 ug/L	100
30) Cyclohexane	4.73	56	177255	5.37 ug/L	100
31) Carbon tetrachloride	4.88	117	132876	5.18 ug/L	99
33) Benzene	5.15	78	441340	4.95 ug/L	100
34) Trichloroethene	5.96	95	110363	5.04 ug/L	98
35) Methylcyclohexane	6.18	83	191493	5.54 ug/L	100
37) 1,2-Dichloropropane	6.23	63	111236	4.95 ug/L	100
38) Bromodichloromethane	6.56	83	125912	4.98 ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	145942	4.90 ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	581046	44.84 ug/L	99
42) Toluene	7.44	91	462966	5.09 ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	111008	4.81 ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	72801	4.61 ug/L	98
47) Tetrachloroethene	8.02	164	90011	5.15 ug/L	98
48) 2-Hexanone	8.19	43	405736	43.89 ug/L	99
49) Dibromochloromethane	8.30	129	79444	4.96 ug/L	98
50) 1,2-Dibromoethane	8.40	107	65729	4.68 ug/L	98
51) Chlorobenzene	8.93	112	296410	5.01 ug/L	100
52) Ethylbenzene	9.06	91	503017	5.24 ug/L	99
53) m,p-xylene	9.19	106	193952	5.26 ug/L	98
54) o-xylene	9.59	106	188041	5.23 ug/L	99
55) Styrene	9.61	104	323770	5.25 ug/L	99
56) Isopropylbenzene	9.98	105	496339	5.40 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	89235	4.57 ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	62733	4.48 ug/L	99
61) Bromoform	9.78	173	40382	4.71 ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	223052	5.02 ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	226502	5.00 ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	213313	4.87 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	12040	4.38 ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	178162	5.20 ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	141966	4.99 ug/L	100
69) Naphthalene	13.56	128	235901	4.47 ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	130724	4.83 ug/L	99

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

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