Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061919\
Data File : VV011614.D
Acq On : 19 Jun 2019 10:00
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00559

Quant Time: Jun 19 10:42:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 19 07:50:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.65	114	164703	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	156008	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	74500	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	50944	4.10	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.00%			
7) Chloroethane-d5	1.54	69	23212	2.94	ug/L	-0.04
Spiked Amount 5.000	Range 65 - 130		Recovery = 58.80%#			
11) 1,1-Dichloroethene-d2	2.06	63	105902	4.47	ug/L	-0.06
Spiked Amount 5.000	Range 60 - 125		Recovery = 89.40%			
20) 2-Butanone-d5	3.97	46	170520	48.73	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.46%			
24) Chloroform-d	4.39	84	117088	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.80%			
26) 1,2-Dichloroethane-d4	5.07	65	65506	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.20%			
32) Benzene-d6	5.07	84	229847	4.94	ug/L	-0.02
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.80%			
36) 1,2-Dichloropropane-d6	6.11	67	82276	5.57	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 111.40%			
41) Toluene-d8	7.35	98	211840	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.20%			
43) trans-1,3-Dichloropropene-	7.66	79	20946	4.26	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.20%			
46) 2-Hexanone-d5	8.15	63	136573	48.14	ug/L	0.01
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.28%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	55747	5.03	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	76480	5.14	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.13	85	71658	4.877	ug/L	100
3) Chloromethane	1.24	50	70520	4.431	ug/L	97
5) Vinyl chloride	1.32	62	73526	4.678	ug/L	99
6) Bromomethane	1.50	94	9791	1.490	ug/L	96
8) Chloroethane	1.56	64	22614	2.971	ug/L	95
9) Trichlorofluoromethane	1.70	101	41151	2.377	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.06	101	53311	5.391	ug/L	99
12) 1,1-Dichloroethene	2.07	96	49987	4.880	ug/L	92
13) Acetone	2.22	43	99228	42.080	ug/L	99
14) Carbon disulfide	2.24	76	116654	4.213	ug/L	100
15) Methyl Acetate	2.46	43	28330	4.532	ug/L	98
16) Methylene chloride	2.50	84	58588	5.032	ug/L	98
17) Methyl tert-butyl Ether	2.82	73	139950	4.557	ug/L	97
18) trans-1,2-Dichloroethene	2.74	96	58732	5.071	ug/L	96
19) 1,1-Dichloroethane	3.20	63	119643	4.993	ug/L	99
21) 2-Butanone	4.05	43	167479	44.891	ug/L	99
22) cis-1,2-Dichloroethene	3.94	96	64404	4.908	ug/L	99

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Instrument : MSVOA_V
ClientSampleId : VSTD00559

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 19 07:50:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.28	128	23288	4.516 ug/L	94
25) Chloroform	4.41	83	125211	5.208 ug/L	99
27) 1,2-Dichloroethane	5.17	62	78428	4.628 ug/L	100
29) 1,1,1-Trichloroethane	4.63	97	95515	4.921 ug/L	98
30) Cyclohexane	4.69	56	106954	5.334 ug/L	99
31) Carbon tetrachloride	4.85	117	78116	4.973 ug/L	99
33) Benzene	5.13	78	261002	5.122 ug/L	100
34) Trichloroethene	5.95	95	67429	5.189 ug/L	98
35) Methylcyclohexane	6.16	83	101808	5.495 ug/L	98
37) 1,2-Dichloropropane	6.21	63	65401	4.822 ug/L	100
38) Bromodichloromethane	6.55	83	67929	4.408 ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	73463	4.303 ug/L	95
40) 4-Methyl-2-pentanone	7.29	43	423236	43.772 ug/L	99
42) Toluene	7.42	91	275820	5.223 ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	55790	4.272 ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	41400	4.572 ug/L	96
47) Tetrachloroethene	8.01	164	48700	5.255 ug/L	95
48) 2-Hexanone	8.20	43	326270	48.001 ug/L	97
49) Dibromochloromethane	8.29	129	39601	4.353 ug/L	95
50) 1,2-Dibromoethane	8.40	107	37955	4.635 ug/L	96
51) Chlorobenzene	8.93	112	170144	5.246 ug/L	97
52) Ethylbenzene	9.05	91	301979	5.444 ug/L	99
53) m,p-xylene	9.18	106	113879	5.611 ug/L	99
54) o-xylene	9.59	106	112784	5.533 ug/L	99
55) Styrene	9.61	104	183718	5.433 ug/L	99
56) Isopropylbenzene	9.97	105	291512	5.618 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	51352	4.638 ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	40138	4.740 ug/L	99
61) Bromoform	9.78	173	19265	4.056 ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	124895	5.170 ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	123266	5.009 ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	122425	5.035 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	6388	3.618 ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	89299	5.061 ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	64987	4.587 ug/L	99
69) Naphthalene	13.55	128	100738	3.616 ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	60184	4.381 ug/L	99

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

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