Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062219\
Data File : VV011697.D
Acq On : 21 Jun 2019 21:07
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00545

Quant Time: Jun 24 03:48:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 24 03:42:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	165276	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	152916	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	71471	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	42315	3.86	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.20%			
7) Chloroethane-d5	1.57	69	28314	3.67	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 73.40%			
11) 1,1-Dichloroethene-d2	2.12	63	95790	4.29	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.80%			
20) 2-Butanone-d5	3.95	46	160294	55.47	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.94%			
24) Chloroform-d	4.40	84	85827	4.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.80%			
26) 1,2-Dichloroethane-d4	5.08	65	56132	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%			
32) Benzene-d6	5.09	84	193035	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
36) 1,2-Dichloropropane-d6	6.12	67	58844	4.48	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.60%			
41) Toluene-d8	7.36	98	170739	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.40%			
43) trans-1,3-Dichloropropene-	7.67	79	21391	4.66	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.20%			
46) 2-Hexanone-d5	8.14	63	121869	56.57	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.14%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	46912	5.13	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	60143	4.46	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	79240	4.609	ug/L	98
3) Chloromethane	1.24	50	72282	4.634	ug/L	98
5) Vinyl chloride	1.32	62	73348	4.799	ug/L	97
6) Bromomethane	1.53	94	25281	3.795	ug/L	98
8) Chloroethane	1.59	64	33847	4.238	ug/L	94
9) Trichlorofluoromethane	1.76	101	96644	4.887	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	52590	4.693	ug/L	100
12) 1,1-Dichloroethene	2.13	96	49623	4.851	ug/L	88
13) Acetone	2.20	43	104993	50.299	ug/L	99
14) Carbon disulfide	2.31	76	124846	4.535	ug/L	98
15) Methyl Acetate	2.46	43	26414	5.082	ug/L	94
16) Methylene chloride	2.53	84	52622	4.617	ug/L	96
17) Methyl tert-butyl Ether	2.81	73	141607	5.061	ug/L	100
18) trans-1,2-Dichloroethene	2.78	96	57406	4.773	ug/L	98
19) 1,1-Dichloroethane	3.22	63	116002	4.853	ug/L	97
21) 2-Butanone	4.04	43	182712	54.329	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	62503	4.730	ug/L	98

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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00545

Quant Time: Jun 24 03:48:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 24 03:42:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.30	128	23965	4.813	ug/L		96
25) Chloroform	4.42	83	133899	5.102	ug/L		99
27) 1,2-Dichloroethane	5.18	62	77708	4.886	ug/L		98
29) 1,1,1-Trichloroethane	4.65	97	94741	4.812	ug/L		100
30) Cyclohexane	4.72	56	105310	4.683	ug/L		98
31) Carbon tetrachloride	4.87	117	78792	4.734	ug/L		100
33) Benzene	5.14	78	248957	4.911	ug/L		100
34) Trichloroethene	5.96	95	63139	4.697	ug/L		99
35) Methylcyclohexane	6.17	83	102135	4.706	ug/L		99
37) 1,2-Dichloropropane	6.22	63	62390	4.847	ug/L		99
38) Bromodichloromethane	6.55	83	70728	4.818	ug/L		99
39) cis-1,3-Dichloropropene	7.07	75	80502	4.766	ug/L		99
40) 4-Methyl-2-pentanone	7.28	43	448643	55.567	ug/L		100
42) Toluene	7.43	91	262282	4.951	ug/L		100
44) trans-1,3-Dichloropropene	7.69	75	63786	5.099	ug/L		100
45) 1,1,2-Trichloroethane	7.88	97	41938	5.133	ug/L		94
47) Tetrachloroethene	8.02	164	47848	4.779	ug/L		96
48) 2-Hexanone	8.19	43	315083	55.503	ug/L		99
49) Dibromochloromethane	8.29	129	41819	5.093	ug/L		95
50) 1,2-Dibromoethane	8.40	107	39533	5.299	ug/L	#	99
51) Chlorobenzene	8.92	112	158248	4.818	ug/L		99
52) Ethylbenzene	9.05	91	282766	4.836	ug/L		98
53) m,p-xylene	9.18	106	103302	4.811	ug/L		98
54) o-xylene	9.59	106	103502	4.931	ug/L		98
55) Styrene	9.60	104	170218	5.088	ug/L		99
56) Isopropylbenzene	9.97	105	274933	4.888	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.29	83	51000	5.250	ug/L		100
59) 1,2,3-Trichloropropane	10.32	75	38124	5.097	ug/L		95
61) Bromoform	9.77	173	19943	4.969	ug/L		99
62) 1,3-Dichlorobenzene	11.22	146	112817	4.680	ug/L		95
63) 1,4-Dichlorobenzene	11.32	146	114188	4.585	ug/L		100
65) 1,2-Dichlorobenzene	11.69	146	111735	4.866	ug/L		98
66) 1,2-Dibromo-3-chloropropan	12.48	75	6727	5.115	ug/L		95
67) 1,3,5-Trichlorobenzene	12.69	180	82977	4.629	ug/L		99
68) 1,2,4-trichlorobenzene	13.31	180	65891	4.743	ug/L		99
69) Naphthalene	13.55	128	112991	4.974	ug/L		99
70) 1,2,3-Trichlorobenzene	13.79	180	63464	4.914	ug/L		99

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

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