Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062119\
Data File : VV011647.D
Acq On : 20 Jun 2019 17:02
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00542

Quant Time: Jun 21 02:04:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 21 01:58:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	170146	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	164607	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	75438	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	56374	4.99	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.80%			
7) Chloroethane-d5	1.56	69	42875	5.40	ug/L	-0.02
Spiked Amount 5.000	Range 65 - 130		Recovery = 108.00%			
11) 1,1-Dichloroethene-d2	2.12	63	111583	4.86	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.20%			
20) 2-Butanone-d5	3.94	46	160814	54.06	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.12%			
24) Chloroform-d	4.40	84	111787	5.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.40%			
26) 1,2-Dichloroethane-d4	5.08	65	62751	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.40%			
32) Benzene-d6	5.10	84	220659	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.20%			
36) 1,2-Dichloropropane-d6	6.12	67	68031	4.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.20%			
41) Toluene-d8	7.36	98	207991	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.00%			
43) trans-1,3-Dichloropropene-	7.67	79	23918	4.84	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.80%			
46) 2-Hexanone-d5	8.13	63	123197	53.13	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.26%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	51835	5.27	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	70096	4.93	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	86744	4.901	ug/L	99
3) Chloromethane	1.25	50	80038	4.984	ug/L	98
5) Vinyl chloride	1.32	62	77755	4.942	ug/L	92
6) Bromomethane	1.51	94	27639	4.030	ug/L	98
8) Chloroethane	1.58	64	42099	5.120	ug/L	100
9) Trichlorofluoromethane	1.76	101	100127	4.919	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	55194	4.785	ug/L	99
12) 1,1-Dichloroethene	2.13	96	50594	4.805	ug/L	98
13) Acetone	2.19	43	101277	47.130	ug/L	99
14) Carbon disulfide	2.31	76	132945	4.691	ug/L	99
15) Methyl Acetate	2.46	43	26327	4.920	ug/L	98
16) Methylene chloride	2.53	84	56733	4.835	ug/L	97
17) Methyl tert-butyl Ether	2.81	73	140740	4.886	ug/L	100
18) trans-1,2-Dichloroethene	2.78	96	59063	4.771	ug/L	97
19) 1,1-Dichloroethane	3.23	63	117538	4.776	ug/L	97
21) 2-Butanone	4.03	43	173305	50.057	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	65886	4.843	ug/L	97

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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00542

Quant Time: Jun 21 02:04:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 21 01:58:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.30	128	24690	4.817 ug/L		97
25) Chloroform	4.42	83	121830	4.509 ug/L		96
27) 1,2-Dichloroethane	5.18	62	80287	4.904 ug/L		99
29) 1,1,1-Trichloroethane	4.66	97	96702	4.563 ug/L		99
30) Cyclohexane	4.72	56	109120	4.507 ug/L		99
31) Carbon tetrachloride	4.87	117	81760	4.564 ug/L		100
33) Benzene	5.14	78	255790	4.687 ug/L		100
34) Trichloroethene	5.96	95	65172	4.504 ug/L		97
35) Methylcyclohexane	6.17	83	106847	4.573 ug/L		98
37) 1,2-Dichloropropane	6.22	63	63353	4.573 ug/L		99
38) Bromodichloromethane	6.56	83	73916	4.678 ug/L		99
39) cis-1,3-Dichloropropene	7.07	75	86166	4.739 ug/L		100
40) 4-Methyl-2-pentanone	7.27	43	431514	49.650 ug/L		100
42) Toluene	7.43	91	275085	4.824 ug/L		100
44) trans-1,3-Dichloropropene	7.69	75	66096	4.908 ug/L		97
45) 1,1,2-Trichloroethane	7.88	97	41921	4.766 ug/L		93
47) Tetrachloroethene	8.02	164	49399	4.584 ug/L		96
48) 2-Hexanone	8.18	43	309779	50.693 ug/L		99
49) Dibromochloromethane	8.29	129	43466	4.917 ug/L		99
50) 1,2-Dibromoethane	8.40	107	38357	4.776 ug/L	#	99
51) Chlorobenzene	8.93	112	167530	4.738 ug/L		100
52) Ethylbenzene	9.05	91	299746	4.763 ug/L		99
53) m,p-xylene	9.18	106	111760	4.835 ug/L		99
54) o-xylene	9.59	106	110520	4.891 ug/L		98
55) Styrene	9.60	104	180492	5.012 ug/L		100
56) Isopropylbenzene	9.97	105	291454	4.814 ug/L		100
58) 1,1,2,2-Tetrachloroethane	10.29	83	52368	5.008 ug/L		97
59) 1,2,3-Trichloropropane	10.32	75	39245	4.874 ug/L		99
61) Bromoform	9.78	173	20280	4.787 ug/L		100
62) 1,3-Dichlorobenzene	11.23	146	120223	4.725 ug/L		96
63) 1,4-Dichlorobenzene	11.32	146	119646	4.552 ug/L		100
65) 1,2-Dichlorobenzene	11.69	146	115747	4.776 ug/L		97
66) 1,2-Dibromo-3-chloropropan	12.48	75	6541	4.712 ug/L		96
67) 1,3,5-Trichlorobenzene	12.69	180	89460	4.728 ug/L		98
68) 1,2,4-trichlorobenzene	13.31	180	65483	4.465 ug/L		99
69) Naphthalene	13.55	128	103604	4.321 ug/L		100
70) 1,2,3-Trichlorobenzene	13.79	180	61787	4.533 ug/L		97

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

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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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