Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060519\
Data File : VV011223.D
Acq On : 05 Jun 2019 10:17
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00559

Quant Time: Jun 06 05:44:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 05 05:12:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	175076	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	166708	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	78632	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	60276	4.54	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.80%			
7) Chloroethane-d5	1.56	69	47004	4.26	ug/L	-0.02
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.20%			
11) 1,1-Dichloroethene-d2	2.12	63	122433	4.62	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.40%			
20) 2-Butanone-d5	3.94	46	143160	47.93	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.86%			
24) Chloroform-d	4.39	84	108869	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.20%			
26) 1,2-Dichloroethane-d4	5.08	65	58549	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.80%			
32) Benzene-d6	5.09	84	219996	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.20%			
36) 1,2-Dichloropropane-d6	6.11	67	66733	4.34	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.80%			
41) Toluene-d8	7.35	98	209569	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.60%			
43) trans-1,3-Dichloropropene-	7.66	79	25254	4.31	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.20%			
46) 2-Hexanone-d5	8.13	63	120864	48.85	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.70%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47618	4.55	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	72873	4.70	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	82334	4.768	ug/L	98
3) Chloromethane	1.25	50	76977	4.611	ug/L	97
5) Vinyl chloride	1.32	62	78418	4.868	ug/L	98
6) Bromomethane	1.51	94	37744	4.504	ug/L	99
8) Chloroethane	1.58	64	51255	4.979	ug/L	99
9) Trichlorofluoromethane	1.76	101	108697	4.916	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	55859	4.922	ug/L	98
12) 1,1-Dichloroethene	2.13	96	52128	4.726	ug/L	95
13) Acetone	2.19	43	96803	48.341	ug/L	100
14) Carbon disulfide	2.31	76	156010	4.662	ug/L	99
15) Methyl Acetate	2.46	43	24268	4.563	ug/L	97
16) Methylene chloride	2.53	84	54794	4.821	ug/L	97
17) Methyl tert-butyl Ether	2.80	73	136418	4.633	ug/L	100
18) trans-1,2-Dichloroethene	2.78	96	59268	4.799	ug/L	98
19) 1,1-Dichloroethane	3.22	63	113502	4.659	ug/L	99
21) 2-Butanone	4.02	43	152612	49.487	ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	64424	4.710	ug/L	94

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Data File : VV011223.D
Acq On : 05 Jun 2019 10:17
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00559

Quant Time: Jun 06 05:44:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 05 05:12:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	24719	4.715	ug/L	93
25) Chloroform	4.42	83	115419	4.588	ug/L	98
27) 1,2-Dichloroethane	5.18	62	72689	4.728	ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	98679	4.641	ug/L	99
30) Cyclohexane	4.72	56	108529	4.604	ug/L	98
31) Carbon tetrachloride	4.87	117	82852	4.662	ug/L	99
33) Benzene	5.14	78	247443	4.665	ug/L	100
34) Trichloroethene	5.96	95	63753	4.652	ug/L	97
35) Methylcyclohexane	6.17	83	103052	4.547	ug/L	99
37) 1,2-Dichloropropane	6.22	63	61025	4.622	ug/L	99
38) Bromodichloromethane	6.55	83	75402	4.619	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	88014	4.556	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	400849	47.677	ug/L	99
42) Toluene	7.43	91	269269	4.763	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	64845	4.416	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	38632	4.571	ug/L	99
47) Tetrachloroethene	8.02	164	48209	4.868	ug/L	98
48) 2-Hexanone	8.18	43	285377	48.668	ug/L	99
49) Dibromochloromethane	8.29	129	43801	4.563	ug/L	99
50) 1,2-Dibromoethane	8.40	107	36359	4.526	ug/L	99
51) Chlorobenzene	8.92	112	166416	4.827	ug/L	98
52) Ethylbenzene	9.05	91	306211	4.877	ug/L	99
53) m,p-xylene	9.18	106	113204	4.875	ug/L	98
54) o-xylene	9.59	106	111454	4.891	ug/L	99
55) Styrene	9.60	104	183348	4.940	ug/L	98
56) Isopropylbenzene	9.97	105	299140	4.877	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	46935	4.581	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	36428	4.731	ug/L	96
61) Bromoform	9.77	173	21159	4.479	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	123060	4.733	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	122578	4.856	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	116285	4.838	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	7990	4.639	ug/L	89
67) 1,3,5-Trichlorobenzene	12.69	180	90578	4.842	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	68605	4.831	ug/L	96
69) Naphthalene	13.55	128	106259	4.571	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	62491	4.907	ug/L	97

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

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