Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV123119\
Data File : VV014230.D
Acq On : 31 Dec 2019 10:34
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00546

Quant Time: Jan 01 02:57:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 31 06:00:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	996334	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	917108	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	429236	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	194575	4.17	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.40%			
7) Chloroethane-d5	1.58	69	172868	4.45	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.00%			
11) 1,1-Dichloroethene-d2	2.13	63	377230	4.50	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.00%			
20) 2-Butanone-d5	3.94	46	541733	46.74	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.48%			
24) Chloroform-d	4.40	84	510898	4.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.40%			
26) 1,2-Dichloroethane-d4	5.07	65	252734	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.60%			
32) Benzene-d6	5.09	84	1066764	4.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.20%			
36) 1,2-Dichloropropane-d6	6.11	67	340661	4.49	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.80%			
41) Toluene-d8	7.35	98	981194	4.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.80%			
43) trans-1,3-Dichloropropene-	7.66	79	139886	4.12	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.40%			
46) 2-Hexanone-d5	8.13	63	587936	45.69	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.38%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	235593	4.35	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	327479	4.26	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 85.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	336192	4.450	ug/L	99
3) Chloromethane	1.25	50	311080	4.543	ug/L	98
5) Vinyl chloride	1.32	62	312165	4.802	ug/L	98
6) Bromomethane	1.53	94	140875	4.679	ug/L	99
8) Chloroethane	1.60	64	167034	4.822	ug/L	99
9) Trichlorofluoromethane	1.77	101	399021	4.777	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	220920	4.901	ug/L	96
12) 1,1-Dichloroethene	2.14	96	208827	4.745	ug/L	91
13) Acetone	2.21	43	292627	40.930	ug/L	95
14) Carbon disulfide	2.31	76	858618	4.458	ug/L	99
15) Methyl Acetate	2.46	43	98470	4.159	ug/L	99
16) Methylene chloride	2.53	84	305030	4.111	ug/L	94
17) Methyl tert-butyl Ether	2.80	73	726511	4.457	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	309602	4.503	ug/L	96
19) 1,1-Dichloroethane	3.23	63	591374	4.639	ug/L	98
21) 2-Butanone	4.03	43	639669	48.178	ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	342981	4.578	ug/L #	96

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 31 06:00:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	128105	4.400	ug/L	92
25) Chloroform	4.42	83	602211	4.659	ug/L	99
27) 1,2-Dichloroethane	5.17	62	330524	4.566	ug/L	96
29) 1,1,1-Trichloroethane	4.65	97	518009	4.654	ug/L	99
30) Cyclohexane	4.72	56	582344	4.784	ug/L	98
31) Carbon tetrachloride	4.87	117	444090	4.673	ug/L	97
33) Benzene	5.14	78	1300660	4.585	ug/L	100
34) Trichloroethene	5.95	95	376761	4.958	ug/L	99
35) Methylcyclohexane	6.17	83	590449	4.663	ug/L	98
37) 1,2-Dichloropropane	6.22	63	318511	4.622	ug/L	99
38) Bromodichloromethane	6.55	83	418093	4.546	ug/L	98
39) cis-1,3-Dichloropropene	7.06	75	522880	4.637	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	1918594	44.762	ug/L	98
42) Toluene	7.42	91	1389518	4.459	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	405529	4.598	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	206572	4.395	ug/L	99
47) Tetrachloroethene	8.01	164	240221	4.522	ug/L	97
48) 2-Hexanone	8.18	43	1337827	45.133	ug/L	100
49) Dibromochloromethane	8.28	129	260726	4.350	ug/L	98
50) 1,2-Dibromoethane	8.39	107	195243	4.323	ug/L	95
51) Chlorobenzene	8.92	112	861021	4.468	ug/L	100
52) Ethylbenzene	9.05	91	1608244	4.649	ug/L	99
53) m,p-xylene	9.18	106	585876	4.507	ug/L	99
54) o-xylene	9.58	106	563842	4.441	ug/L	95
55) Styrene	9.60	104	969556	4.550	ug/L	100
56) Isopropylbenzene	9.97	105	1533562	4.606	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	239903	4.234	ug/L	98
59) 1,2,3-Trichloropropane	10.31	75	184683	4.385	ug/L	100
61) Bromoform	9.77	173	132866	4.241	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	643929	4.532	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	640308	4.508	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	576722	4.428	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	42577	3.969	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	479122	4.631	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	413538	4.557	ug/L	99
69) Naphthalene	13.55	128	677463	4.099	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	347991	4.393	ug/L	98

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

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