Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112619\
Data File : VV013811.D
Acq On : 27 Nov 2019 01:39
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00552

Quant Time: Nov 27 03:14:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 03:09:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	349741	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	327390	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	178161	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	77908	3.60	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 72.00%			
7) Chloroethane-d5	1.58	69	76350	4.15	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.00%			
11) 1,1-Dichloroethene-d2	2.13	63	154900	4.25	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.00%			
20) 2-Butanone-d5	3.96	46	262459	58.32	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 116.64%			
24) Chloroform-d	4.40	84	176546	4.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.80%			
26) 1,2-Dichloroethane-d4	5.08	65	101944	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.20%			
32) Benzene-d6	5.09	84	367253	4.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.00%			
36) 1,2-Dichloropropane-d6	6.11	67	113017	4.49	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.80%			
41) Toluene-d8	7.36	98	326024	4.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.20%			
43) trans-1,3-Dichloropropene-	7.66	79	42733	4.36	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.20%			
46) 2-Hexanone-d5	8.13	63	212001	58.66	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 117.32%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	91340	5.23	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	140874	4.48	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	121360	5.210	ug/L	96
3) Chloromethane	1.25	50	101448	4.959	ug/L	99
5) Vinyl chloride	1.32	62	112858	5.401	ug/L	99
6) Bromomethane	1.53	94	45782	4.161	ug/L	97
8) Chloroethane	1.60	64	71432	5.673	ug/L	99
9) Trichlorofluoromethane	1.77	101	176954	5.454	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	100795	5.228	ug/L	98
12) 1,1-Dichloroethene	2.14	96	92025	5.473	ug/L	86
13) Acetone	2.22	43	174066	55.314	ug/L #	55
14) Carbon disulfide	2.31	76	202673	5.221	ug/L	98
15) Methyl Acetate	2.47	43	44370	6.298	ug/L	95
16) Methylene chloride	2.53	84	113999	4.949	ug/L	97
17) Methyl tert-butyl Ether	2.80	73	264503	5.748	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	103131	5.431	ug/L	98
19) 1,1-Dichloroethane	3.23	63	212171	5.597	ug/L	97
21) 2-Butanone	4.04	43	303988	63.909	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	121009	5.435	ug/L	99

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 03:09:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	58743	6.004 ug/L	99
25) Chloroform	4.42	83	259557	6.459 ug/L	99
27) 1,2-Dichloroethane	5.18	62	133485	5.804 ug/L	100
29) 1,1,1-Trichloroethane	4.65	97	188454	5.627 ug/L	100
30) Cyclohexane	4.72	56	143684	5.135 ug/L	98
31) Carbon tetrachloride	4.87	117	163002	5.532 ug/L	98
33) Benzene	5.14	78	446763	5.563 ug/L	100
34) Trichloroethene	5.96	95	119764	5.406 ug/L	96
35) Methylcyclohexane	6.17	83	147725	4.997 ug/L	96
37) 1,2-Dichloropropane	6.22	63	116164	5.628 ug/L	98
38) Bromodichloromethane	6.55	83	159508	5.857 ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	155270	5.302 ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	732508	60.824 ug/L	99
42) Toluene	7.43	91	469860	5.454 ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	122642	5.350 ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	84257	5.728 ug/L	98
47) Tetrachloroethene	8.02	164	103959	5.404 ug/L	94
48) 2-Hexanone	8.18	43	535106	62.249 ug/L	96
49) Dibromochloromethane	8.29	129	107632	5.705 ug/L	99
50) 1,2-Dibromoethane	8.39	107	78217	5.872 ug/L	96
51) Chlorobenzene	8.92	112	314269	5.244 ug/L	98
52) Ethylbenzene	9.05	91	498166	5.324 ug/L	98
53) m,p-xylene	9.18	106	190337	5.335 ug/L	100
54) o-xylene	9.58	106	189477	5.441 ug/L	98
55) Styrene	9.60	104	336297	5.593 ug/L	100
56) Isopropylbenzene	9.97	105	513771	5.413 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	99462	6.154 ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	75692	5.974 ug/L	98
61) Bromoform	9.77	173	66004	5.887 ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	280863	5.426 ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	282208	5.357 ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	262304	5.461 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	15890	5.692 ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	225535	5.159 ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	184778	5.154 ug/L	100
69) Naphthalene	13.55	128	255303	5.229 ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	182124	5.576 ug/L	98

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

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