Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111819\
Data File : VV013650.D
Acq On : 18 Nov 2019 10:43
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00538

Quant Time: Nov 19 04:13:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 18 10:08:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	434529	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	413732	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	224998	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	108154	4.03	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.60%			
7) Chloroethane-d5	1.58	69	100407	4.19	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.80%			
11) 1,1-Dichloroethene-d2	2.13	63	213705	4.44	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.80%			
20) 2-Butanone-d5	3.96	46	292523	47.13	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.26%			
24) Chloroform-d	4.39	84	255592	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.20%			
26) 1,2-Dichloroethane-d4	5.08	65	122229	4.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.80%			
32) Benzene-d6	5.09	84	484953	4.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.20%			
36) 1,2-Dichloropropane-d6	6.11	67	147757	4.34	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.80%			
41) Toluene-d8	7.35	98	457971	4.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.40%			
43) trans-1,3-Dichloropropene-	7.66	79	55474	4.23	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.60%			
46) 2-Hexanone-d5	8.14	63	222085	44.75	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.50%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	109138	4.43	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	180132	4.16	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 83.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	209071	5.232	ug/L	98
3) Chloromethane	1.25	50	196901	5.122	ug/L	99
5) Vinyl chloride	1.32	62	186104	5.081	ug/L	98
6) Bromomethane	1.53	94	111762	5.007	ug/L	98
8) Chloroethane	1.60	64	107291	5.219	ug/L	98
9) Trichlorofluoromethane	1.77	101	254899	5.236	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	145635	5.446	ug/L	99
12) 1,1-Dichloroethene	2.14	96	134059	5.164	ug/L	95
13) Acetone	2.22	43	197440	50.413	ug/L	94
14) Carbon disulfide	2.31	76	451045	5.036	ug/L	100
15) Methyl Acetate	2.47	43	54373	4.902	ug/L	98
16) Methylene chloride	2.53	84	163126	4.521	ug/L	96
17) Methyl tert-butyl Ether	2.80	73	332321	5.012	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	163263	5.100	ug/L	97
19) 1,1-Dichloroethane	3.23	63	293688	5.137	ug/L	99
21) 2-Butanone	4.04	43	365614	55.669	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	169823	5.111	ug/L #	98

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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00538

Quant Time: Nov 19 04:13:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 18 10:08:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.29	128	78569	5.129 ug/L	97
25) Chloroform	4.42	83	329242	4.252 ug/L	96
27) 1,2-Dichloroethane	5.17	62	177437	5.158 ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	259934	5.198 ug/L	99
30) Cyclohexane	4.72	56	260475	5.235 ug/L	98
31) Carbon tetrachloride	4.87	117	238964	5.289 ug/L	97
33) Benzene	5.14	78	658096	5.255 ug/L	100
34) Trichloroethene	5.96	95	174105	5.194 ug/L	99
35) Methylcyclohexane	6.17	83	273896	5.357 ug/L	99
37) 1,2-Dichloropropane	6.22	63	156217	5.209 ug/L	100
38) Bromodichloromethane	6.55	83	207475	4.961 ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	228820	5.309 ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	911095	52.224 ug/L	100
42) Toluene	7.42	91	716744	5.357 ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	177003	5.210 ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	109654	5.071 ug/L	96
47) Tetrachloroethene	8.01	164	161918	5.213 ug/L	98
48) 2-Hexanone	8.18	43	637657	51.535 ug/L	98
49) Dibromochloromethane	8.29	129	146490	5.336 ug/L	97
50) 1,2-Dibromoethane	8.39	107	104749	5.043 ug/L	97
51) Chlorobenzene	8.92	112	452110	5.096 ug/L	98
52) Ethylbenzene	9.05	91	754271	5.289 ug/L	100
53) m,p-xylene	9.18	106	293864	5.463 ug/L	99
54) o-xylene	9.58	106	277881	5.371 ug/L	96
55) Styrene	9.60	104	483868	5.530 ug/L	99
56) Isopropylbenzene	9.97	105	759336	5.520 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	123537	5.150 ug/L	95
59) 1,2,3-Trichloropropane	10.31	75	94569	5.102 ug/L	99
61) Bromoform	9.77	173	87278	5.181 ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	389225	5.161 ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	388823	5.078 ug/L	97
65) 1,2-Dichlorobenzene	11.68	146	353110	5.027 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	20115	4.796 ug/L	90
67) 1,3,5-Trichlorobenzene	12.69	180	316534	5.057 ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	247979	4.823 ug/L	99
69) Naphthalene	13.55	128	323482	4.606 ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	236214	5.029 ug/L	98

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

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