Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101419\
Data File : VU035151.D
Acq On : 14 Oct 2019 15:34
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00519

Quant Time: Oct 15 07:10:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 15 07:04:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	165217	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	170246	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	85117	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	41407	4.24	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.80%			
7) Chloroethane-d5	1.67	69	40032	4.39	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.80%			
11) 1,1-Dichloroethene-d2	2.26	63	93114	4.52	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.40%			
20) 2-Butanone-d5	4.17	46	161999	56.33	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.66%			
24) Chloroform-d	4.62	84	85027	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.20%			
26) 1,2-Dichloroethane-d4	5.29	65	50458	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.20%			
32) Benzene-d6	5.32	84	161937	4.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.20%			
36) 1,2-Dichloropropane-d6	6.31	67	58211	4.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.20%			
41) Toluene-d8	7.54	98	157042	4.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.40%			
43) trans-1,3-Dichloropropene-	7.83	79	19916	4.15	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.00%			
46) 2-Hexanone-d5	8.30	63	119831	52.46	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.92%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	57684	5.13	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.60%			
64) 1,2-Dichlorobenzene-d4	11.84	152	60330	4.20	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 84.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	70312	4.657	ug/L	99
3) Chloromethane	1.32	50	76607	4.625	ug/L	99
5) Vinyl chloride	1.40	62	75692	4.652	ug/L	99
6) Bromomethane	1.62	94	43678	4.829	ug/L	97
8) Chloroethane	1.69	64	47373	4.855	ug/L	100
9) Trichlorofluoromethane	1.88	101	97773	4.969	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	55708	4.931	ug/L	97
12) 1,1-Dichloroethene	2.27	96	50387	4.748	ug/L	81
13) Acetone	2.31	43	127512	54.133	ug/L	95
14) Carbon disulfide	2.46	76	157985	4.473	ug/L	99
15) Methyl Acetate	2.60	43	33988	5.420	ug/L	93
16) Methylene chloride	2.68	84	62194	4.734	ug/L	90
17) Methyl tert-butyl Ether	2.99	73	150485	5.198	ug/L	96
18) trans-1,2-Dichloroethene	2.96	96	53465	4.705	ug/L	94
19) 1,1-Dichloroethane	3.42	63	111353	4.930	ug/L	99
21) 2-Butanone	4.25	43	183083	54.579	ug/L	96
22) cis-1,2-Dichloroethene	4.20	96	59926	4.728	ug/L	93

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ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00519

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 15 07:04:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.52	128	26858	5.056 ug/L	88
25) Chloroform	4.65	83	120405	4.745 ug/L	98
27) 1,2-Dichloroethane	5.38	62	75772	5.113 ug/L	100
29) 1,1,1-Trichloroethane	4.89	97	90316	4.723 ug/L	97
30) Cyclohexane	4.97	56	86717	4.125 ug/L	96
31) Carbon tetrachloride	5.11	117	80693	4.867 ug/L	99
33) Benzene	5.36	78	236193	4.606 ug/L	100
34) Trichloroethene	6.16	95	61218	4.629 ug/L	97
35) Methylcyclohexane	6.39	83	89653	4.185 ug/L	96
37) 1,2-Dichloropropane	6.41	63	66665	4.819 ug/L	98
38) Bromodichloromethane	6.74	83	80769	4.981 ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	86223	4.601 ug/L	96
40) 4-Methyl-2-pentanone	7.44	43	457371	52.533 ug/L	93
42) Toluene	7.62	91	257862	4.817 ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	70612	4.865 ug/L	99
45) 1,1,2-Trichloroethane	8.05	97	46303	5.041 ug/L	96
47) Tetrachloroethene	8.21	164	47637	4.450 ug/L	96
48) 2-Hexanone	8.35	43	326534	54.701 ug/L	95
49) Dibromochloromethane	8.46	129	55405	5.219 ug/L	98
50) 1,2-Dibromoethane	8.57	107	44733	5.096 ug/L	97
51) Chlorobenzene	9.10	112	160594	4.630 ug/L	98
52) Ethylbenzene	9.23	91	270599	4.577 ug/L	99
53) m,p-Xylene	9.36	106	98524	4.511 ug/L	98
54) o-Xylene	9.76	106	96690	4.527 ug/L	98
55) Styrene	9.77	104	169971	4.914 ug/L	99
56) Isopropylbenzene	10.15	105	259572	4.562 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	64622	5.174 ug/L	99
59) 1,2,3-Trichloropropane	10.48	75	46332	5.174 ug/L	99
61) Bromoform	9.94	173	30986	5.308 ug/L	97
62) 1,3-Dichlorobenzene	11.40	146	122797	4.683 ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	121672	4.598 ug/L	98
65) 1,2-Dichlorobenzene	11.86	146	117955	4.662 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.64	75	8047	5.005 ug/L	94
67) 1,3,5-Trichlorobenzene	12.86	180	75047	4.227 ug/L	99
68) 1,2,4-trichlorobenzene	13.48	180	50564	3.813 ug/L	98
69) Naphthalene	13.73	128	69321	3.362 ug/L	98
70) 1,2,3-Trichlorobenzene	13.96	180	52521	4.073 ug/L	99

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

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