Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090119\
Data File : VU034120.D
Acq On : 31 Aug 2019 13:29
Operator : JC/SP
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV06

Quant Time: Aug 31 15:04:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 31 15:01:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	356612	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	339533	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	186227	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	116541	4.85	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.00%			
7) Chloroethane-d5	1.67	69	96411	5.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.20%			
11) 1,1-Dichloroethene-d2	2.26	63	227830	5.06	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.20%			
20) 2-Butanone-d5	4.17	46	287572	51.83	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.66%			
24) Chloroform-d	4.62	84	214487	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.20%			
26) 1,2-Dichloroethane-d4	5.29	65	103681	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.00%			
32) Benzene-d6	5.32	84	452838	5.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.40%			
36) 1,2-Dichloropropane-d6	6.31	67	142654	5.19	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.80%			
41) Toluene-d8	7.55	98	423850	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.20%			
43) trans-1,3-Dichloropropene-	7.83	79	50408	5.15	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.00%			
46) 2-Hexanone-d5	8.30	63	230415	54.38	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.76%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	105465	5.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.20%			
64) 1,2-Dichlorobenzene-d4	11.84	152	164318	5.13	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	175271	5.129	ug/L	100
3) Chloromethane	1.32	50	168348	4.989	ug/L	99
5) Vinyl chloride	1.40	62	180702	5.160	ug/L	100
6) Bromomethane	1.62	94	89457	5.435	ug/L	97
8) Chloroethane	1.69	64	100219	4.986	ug/L	100
9) Trichlorofluoromethane	1.88	101	201695	5.156	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	116101	5.158	ug/L	99
12) 1,1-Dichloroethene	2.27	96	115503	5.207	ug/L	93
13) Acetone	2.31	43	190319	51.234	ug/L	100
14) Carbon disulfide	2.46	76	389217	5.142	ug/L	99
15) Methyl Acetate	2.60	43	53970	5.179	ug/L	100
16) Methylene chloride	2.68	84	124273	4.935	ug/L	100
17) Methyl tert-butyl Ether	2.99	73	287593	5.211	ug/L	100
18) trans-1,2-Dichloroethene	2.96	96	125625	5.238	ug/L	96
19) 1,1-Dichloroethane	3.42	63	246084	5.203	ug/L	99
21) 2-Butanone	4.25	43	341187	55.128	ug/L	100
22) cis-1,2-Dichloroethene	4.20	96	143773	5.330	ug/L	99

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV06

Quant Time: Aug 31 15:04:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 31 15:01:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.52	128	60374	5.212 ug/L	99
25) Chloroform	4.65	83	239603	4.977 ug/L	99
27) 1,2-Dichloroethane	5.39	62	139185	5.237 ug/L	100
29) 1,1,1-Trichloroethane	4.89	97	198434	5.330 ug/L	98
30) Cyclohexane	4.97	56	232343	5.276 ug/L	99
31) Carbon tetrachloride	5.11	117	174554	5.302 ug/L	100
33) Benzene	5.37	78	545646	5.313 ug/L	100
34) Trichloroethene	6.16	95	138132	5.219 ug/L	97
35) Methylcyclohexane	6.39	83	234481	5.346 ug/L	99
37) 1,2-Dichloropropane	6.41	63	139448	5.270 ug/L	100
38) Bromodichloromethane	6.74	83	159210	5.166 ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	195528	5.300 ug/L	99
40) 4-Methyl-2-pentanone	7.45	43	799478	54.460 ug/L	100
42) Toluene	7.62	91	577899	5.332 ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	149161	5.441 ug/L	100
45) 1,1,2-Trichloroethane	8.05	97	90116	5.311 ug/L	99
47) Tetrachloroethene	8.21	164	116727	5.366 ug/L	96
48) 2-Hexanone	8.35	43	585671	57.287 ug/L	99
49) Dibromochloromethane	8.46	129	106337	5.282 ug/L	98
50) 1,2-Dibromoethane	8.57	107	85916	5.350 ug/L	97
51) Chlorobenzene	9.10	112	363614	5.260 ug/L	98
52) Ethylbenzene	9.23	91	626660	5.351 ug/L	99
53) m,p-Xylene	9.36	106	242015	5.376 ug/L	97
54) o-Xylene	9.76	106	235035	5.449 ug/L	99
55) Styrene	9.77	104	399865	5.550 ug/L	98
56) Isopropylbenzene	10.15	105	620554	5.408 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.44	83	115943	5.313 ug/L	98
59) 1,2,3-Trichloropropane	10.48	75	80086	5.285 ug/L	98
61) Bromoform	9.94	173	61062	5.239 ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	313636	5.403 ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	313674	5.359 ug/L	98
65) 1,2-Dichlorobenzene	11.86	146	289174	5.435 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.64	75	18406	5.714 ug/L	96
67) 1,3,5-Trichlorobenzene	12.87	180	256346	5.513 ug/L	99
68) 1,2,4-trichlorobenzene	13.49	180	219586	6.161 ug/L	99
69) Naphthalene	13.73	128	371229	6.918 ug/L	99
70) 1,2,3-Trichlorobenzene	13.97	180	198403	6.113 ug/L	99

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

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