Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042419\
Data File : VU031463.D
Acq On : 24 Apr 2019 11:57
Operator : JC/SP
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV09

Quant Time: Apr 25 06:03:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR042419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 25 06:01:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	371374	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	351129	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	164029	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	153679	5.17	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 103.40%			
7) Chloroethane-d5	1.68	69	118477	5.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.40%			
11) 1,1-Dichloroethene-d2	2.27	63	297292	5.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 106.20%			
20) 2-Butanone-d5	4.21	46	443732	55.67	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.34%			
24) Chloroform-d	4.64	84	244124	5.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.60%			
26) 1,2-Dichloroethane-d4	5.31	65	128667	5.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.60%			
32) Benzene-d6	5.34	84	496545	5.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.20%			
36) 1,2-Dichloropropane-d6	6.33	67	163128	5.26	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.20%			
41) Toluene-d8	7.56	98	448243	5.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.00%			
43) trans-1,3-Dichloropropene-	7.85	79	64306	5.30	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 106.00%			
46) 2-Hexanone-d5	8.31	63	332542	55.51	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 111.02%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	130467	5.28	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	152118	5.19	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	172819	5.423	ug/L	98
3) Chloromethane	1.32	50	209558	5.338	ug/L	99
5) Vinyl chloride	1.40	62	202017	5.213	ug/L	97
6) Bromomethane	1.63	94	108049	5.430	ug/L	97
8) Chloroethane	1.70	64	115416	5.262	ug/L	96
9) Trichlorofluoromethane	1.88	101	238133	5.336	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	137698	5.335	ug/L	98
12) 1,1-Dichloroethene	2.28	96	136212	5.278	ug/L	98
13) Acetone	2.36	43	301181	53.174	ug/L	97
14) Carbon disulfide	2.47	76	464978	5.419	ug/L	99
15) Methyl Acetate	2.63	43	81677	5.222	ug/L	99
16) Methylene chloride	2.70	84	151678	5.197	ug/L	99
17) Methyl tert-butyl Ether	3.00	73	385807	5.296	ug/L	99
18) trans-1,2-Dichloroethene	2.97	96	143731	5.290	ug/L	96
19) 1,1-Dichloroethane	3.44	63	271675	5.255	ug/L	99
21) 2-Butanone	4.30	43	487623	56.621	ug/L	99
22) cis-1,2-Dichloroethene	4.22	96	149158	5.305	ug/L	100

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV09

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 25 06:01:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.54	128	66049	5.461 ug/L	96
25) Chloroform	4.67	83	252529	5.266 ug/L	97
27) 1,2-Dichloroethane	5.40	62	172701	5.480 ug/L	98
29) 1,1,1-Trichloroethane	4.91	97	216265	5.384 ug/L	98
30) Cyclohexane	4.99	56	259417	5.365 ug/L	99
31) Carbon tetrachloride	5.13	117	185208	5.360 ug/L	100
33) Benzene	5.38	78	576252	5.311 ug/L	100
34) Trichloroethene	6.18	95	150139	5.250 ug/L	96
35) Methylcyclohexane	6.41	83	228677	5.405 ug/L	99
37) 1,2-Dichloropropane	6.43	63	150768	5.185 ug/L	98
38) Bromodichloromethane	6.75	83	181131	5.324 ug/L	96
39) cis-1,3-Dichloropropene	7.27	75	219258	5.425 ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	1104020	55.487 ug/L	99
42) Toluene	7.63	91	600197	5.510 ug/L	97
44) trans-1,3-Dichloropropene	7.88	75	173719	5.556 ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	107608	5.431 ug/L	98
47) Tetrachloroethene	8.22	164	106968	5.354 ug/L	95
48) 2-Hexanone	8.36	43	800535	57.360 ug/L	98
49) Dibromochloromethane	8.47	129	118682	5.345 ug/L	99
50) 1,2-Dibromoethane	8.58	107	103229	5.427 ug/L	98
51) Chlorobenzene	9.12	112	356748	5.400 ug/L	98
52) Ethylbenzene	9.25	91	625189	5.392 ug/L	99
53) m,p-Xylene	9.37	106	233802	5.663 ug/L	99
54) o-Xylene	9.77	106	225243	5.525 ug/L	97
55) Styrene	9.79	104	385145	5.712 ug/L	99
56) Isopropylbenzene	10.16	105	597777	5.550 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	133033	5.277 ug/L	96
59) 1,2,3-Trichloropropane	10.49	75	100741	5.500 ug/L	98
61) Bromoform	9.95	173	66993	5.191 ug/L	97
62) 1,3-Dichlorobenzene	11.41	146	257530	5.303 ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	262416	5.188 ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	253598	5.266 ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.65	75	21460	5.328 ug/L	96
67) 1,3,5-Trichlorobenzene	12.88	180	198278	5.374 ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	158894	5.467 ug/L	97
69) Naphthalene	13.74	128	328617	5.784 ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	162609	5.669 ug/L	99

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

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