Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050819\
Data File : VU031818.D
Acq On : 08 May 2019 12:17
Operator : JC/SP
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV10

Quant Time: May 09 02:11:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 09 02:09:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	353130	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	360453	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	161923	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	112965	4.69	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.80%			
7) Chloroethane-d5	1.68	69	96158	4.84	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.80%			
11) 1,1-Dichloroethene-d2	2.27	63	246784	4.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.20%			
20) 2-Butanone-d5	4.20	46	490131	52.16	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.32%			
24) Chloroform-d	4.64	84	259487	5.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.20%			
26) 1,2-Dichloroethane-d4	5.31	65	145942	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.40%			
32) Benzene-d6	5.33	84	453661	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.40%			
36) 1,2-Dichloropropane-d6	6.33	67	163015	4.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.20%			
41) Toluene-d8	7.56	98	397977	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.80%			
43) trans-1,3-Dichloropropene-	7.85	79	59802	5.03	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.60%			
46) 2-Hexanone-d5	8.31	63	314348	52.27	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.54%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	132247	5.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	138637	5.18	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	194217	4.778	ug/L	99
3) Chloromethane	1.32	50	214062	4.418	ug/L	97
5) Vinyl chloride	1.40	62	196175	4.632	ug/L	97
6) Bromomethane	1.63	94	96481	4.963	ug/L	98
8) Chloroethane	1.70	64	111050	4.761	ug/L	100
9) Trichlorofluoromethane	1.88	101	229213	4.680	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	117562	4.612	ug/L	96
12) 1,1-Dichloroethene	2.28	96	115453	4.810	ug/L	98
13) Acetone	2.33	43	297374	46.336	ug/L	99
14) Carbon disulfide	2.47	76	392078	4.640	ug/L	98
15) Methyl Acetate	2.62	43	74629	4.507	ug/L	99
16) Methylene chloride	2.69	84	136682	4.104	ug/L	99
17) Methyl tert-butyl Ether	3.00	73	337175	4.715	ug/L	97
18) trans-1,2-Dichloroethene	2.97	96	122179	4.723	ug/L	91
19) 1,1-Dichloroethane	3.44	63	310164	4.874	ug/L	99
21) 2-Butanone	4.28	43	546149	50.925	ug/L	99
22) cis-1,2-Dichloroethene	4.22	96	150554	4.845	ug/L	92

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Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV10

Quant Time: May 09 02:11:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 09 02:09:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	60382	4.842	ug/L	98
25) Chloroform	4.67	83	290020	4.631	ug/L	100
27) 1,2-Dichloroethane	5.40	62	202820	4.907	ug/L	98
29) 1,1,1-Trichloroethane	4.91	97	240635	4.871	ug/L	99
30) Cyclohexane	4.98	56	270920	5.008	ug/L	98
31) Carbon tetrachloride	5.12	117	199131	4.734	ug/L	100
33) Benzene	5.38	78	616781	4.908	ug/L	100
34) Trichloroethene	6.18	95	150549	4.751	ug/L	96
35) Methylcyclohexane	6.41	83	226115	4.968	ug/L	100
37) 1,2-Dichloropropane	6.43	63	172849	4.805	ug/L	100
38) Bromodichloromethane	6.75	83	204090	4.764	ug/L	92
39) cis-1,3-Dichloropropene	7.27	75	221451	4.913	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	1256321	51.900	ug/L	100
42) Toluene	7.63	91	634973	5.117	ug/L	97
44) trans-1,3-Dichloropropene	7.88	75	180902	5.067	ug/L	97
45) 1,1,2-Trichloroethane	8.06	97	105644	4.957	ug/L	97
47) Tetrachloroethene	8.22	164	99164	4.813	ug/L	95
48) 2-Hexanone	8.36	43	937519	54.493	ug/L	99
49) Dibromochloromethane	8.47	129	118704	4.789	ug/L	99
50) 1,2-Dibromoethane	8.59	107	95046	4.901	ug/L	91
51) Chlorobenzene	9.12	112	361963	4.907	ug/L	99
52) Ethylbenzene	9.25	91	654777	5.058	ug/L	97
53) m,p-Xylene	9.37	106	234676	5.093	ug/L	93
54) o-Xylene	9.77	106	230294	5.226	ug/L	99
55) Styrene	9.79	104	400744	5.299	ug/L	98
56) Isopropylbenzene	10.16	105	620400	5.258	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.46	83	136718	4.803	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	101351	4.760	ug/L	96
61) Bromoform	9.95	173	62933	4.858	ug/L	97
62) 1,3-Dichlorobenzene	11.41	146	258306	5.024	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	268196	5.142	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	253698	5.057	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.65	75	23712	5.028	ug/L	91
67) 1,3,5-Trichlorobenzene	12.88	180	196698	5.034	ug/L	97
68) 1,2,4-trichlorobenzene	13.50	180	163311	5.659	ug/L	99
69) Naphthalene	13.74	128	295871	5.977	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	157676	5.870	ug/L	99

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

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