Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021119\
Data File : VU029393.D
Acq On : 11 Feb 2019 12:48
Operator : JC/SP
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV49

Quant Time: Feb 12 01:19:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 12 01:17:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	229768	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	217631	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	121270	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	83699	4.92	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.40%			
7) Chloroethane-d5	1.68	69	68872	4.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.80%			
11) 1,1-Dichloroethene-d2	2.27	63	169067	4.97	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 99.40%			
20) 2-Butanone-d5	4.19	46	156023	51.08	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.16%			
24) Chloroform-d	4.65	84	131033	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.60%			
26) 1,2-Dichloroethane-d4	5.31	65	64318	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.40%			
32) Benzene-d6	5.34	84	264819	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.20%			
36) 1,2-Dichloropropane-d6	6.33	67	76772	4.88	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.60%			
41) Toluene-d8	7.56	98	267060	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.00%			
43) trans-1,3-Dichloropropene-	7.85	79	36680	5.02	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.40%			
46) 2-Hexanone-d5	8.31	63	162537	52.09	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.18%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	66784	5.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	113598	5.13	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	94386	5.100	ug/L	98
3) Chloromethane	1.32	50	88245	5.045	ug/L	99
5) Vinyl chloride	1.40	62	99070	5.031	ug/L	99
6) Bromomethane	1.63	94	72528	5.178	ug/L	99
8) Chloroethane	1.70	64	61499	5.012	ug/L	98
9) Trichlorofluoromethane	1.89	101	153476	5.091	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	90966	5.082	ug/L	98
12) 1,1-Dichloroethene	2.28	96	84303	5.007	ug/L	89
13) Acetone	2.32	43	119903	49.056	ug/L	98
14) Carbon disulfide	2.48	76	285805	5.041	ug/L	99
15) Methyl Acetate	2.62	43	33527	4.910	ug/L	96
16) Methylene chloride	2.70	84	88766	4.795	ug/L	98
17) Methyl tert-butyl Ether	3.00	73	212543	5.011	ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	90122	4.926	ug/L	99
19) 1,1-Dichloroethane	3.44	63	128865	4.619	ug/L	98
21) 2-Butanone	4.28	43	158826	52.379	ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	81906	4.983	ug/L	96

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

Instrument : MSVOA_U
ClientSampleId : VICV49

Quant Time: Feb 12 01:19:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 12 01:17:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.55	128	37452	4.982 ug/L	96
25) Chloroform	4.67	83	131350	4.956 ug/L	99
27) 1,2-Dichloroethane	5.40	62	78061	4.997 ug/L	98
29) 1,1,1-Trichloroethane	4.91	97	120627	5.014 ug/L	100
30) Cyclohexane	4.99	56	114842	5.022 ug/L	96
31) Carbon tetrachloride	5.13	117	111847	5.068 ug/L	96
33) Benzene	5.39	78	281669	5.053 ug/L	100
34) Trichloroethene	6.18	95	80623	5.064 ug/L	99
35) Methylcyclohexane	6.41	83	136405	5.002 ug/L	99
37) 1,2-Dichloropropane	6.43	63	69893	4.947 ug/L	97
38) Bromodichloromethane	6.76	83	97526	5.038 ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	116143	5.098 ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	411919	51.610 ug/L	100
42) Toluene	7.63	91	325155	5.109 ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	96032	5.023 ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	54108	4.912 ug/L	98
47) Tetrachloroethene	8.22	164	74746	5.058 ug/L	97
48) 2-Hexanone	8.36	43	300164	54.296 ug/L	100
49) Dibromochloromethane	8.48	129	78485	5.179 ug/L	96
50) 1,2-Dibromoethane	8.58	107	53933	5.059 ug/L	97
51) Chlorobenzene	9.12	112	219014	4.987 ug/L	99
52) Ethylbenzene	9.25	91	360676	4.973 ug/L	99
53) m,p-xylene	9.37	106	146234	5.046 ug/L	96
54) o-xylene	9.78	106	140445	4.991 ug/L	96
55) Styrene	9.79	104	236931	5.056 ug/L	99
56) Isopropylbenzene	10.16	105	378646	5.063 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	67541	4.970 ug/L	94
59) 1,2,3-Trichloropropane	10.49	75	45454	5.069 ug/L	98
61) Bromoform	9.96	173	48145	5.053 ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	193311	5.149 ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	195870	5.124 ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	183384	5.205 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	11309	4.781 ug/L	87
67) 1,3,5-Trichlorobenzene	12.88	180	161561	5.211 ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	146540	5.404 ug/L	99
69) Naphthalene	13.74	128	251180	5.971 ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	136949	5.584 ug/L	98

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

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