Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112519\
Data File : VU035838.D
Acq On : 25 Nov 2019 21:21
Operator : JC/SP
Sample : K5992-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 26 08:52:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 26 01:03:35 2019
Response via : Initial Calibration

**Instrument :** MSVOA_U
**ClientSampleId :** GARF0

**Manual Integrations APPROVED**
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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.29 | 114 | 265331 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.45 | 117 | 290064 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152 | 98081 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.62 | 65 | 449640 | 12.97 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 259.40%# | | | |
| 7) Chloroethane-d5 | 1.93 | 69 | 125746 | 4.19 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 83.80% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.61 | 63 | 2799674 | 43.45 | ug/L | 0.01 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 869.00%# | | | |
| 20) 2-Butanone-d5 | 4.71 | 46 | 568818 | 70.91 | ug/L | 0.02 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 141.82%# | | | |
| 24) Chloroform-d | 5.11 | 84 | 262282 | 4.47 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 89.40% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.75 | 65 | 155672 | 4.72 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 94.40% | | | |
| 32) Benzene-d6 | 5.77 | 84 | 523843 | 4.73 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 94.60% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.75 | 67 | 198966 | 5.34 | ug/L | 0.01 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 106.80% | | | |
| 41) Toluene-d8 | 7.93 | 98 | 450007 | 4.41 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 88.20% | | | |
| 43) trans-1,3-Dichloropropene- | 8.21 | 79 | 69390 | 4.78 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 95.60% | | | |
| 46) 2-Hexanone-d5 | 8.68 | 63 | 386562 | 66.28 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 132.56%# | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.79 | 84 | 158310 | 5.04 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 100.80% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.22 | 152 | 107784 | 5.06 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 101.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 5) Vinyl chloride | 1.61 | 62 | 16137042m | 364.220 | ug/L | |
| 12) 1,1-Dichloroethene | 2.61 | 96 | 4409128 | 159.708 | ug/L # | 70 |
| 13) Acetone | 2.67 | 43 | 7453 | 1.058 | ug/L | 93 |
| 16) Methylene chloride | 3.09 | 84 | 2506 | 0.075 | ug/L | 94 |
| 18) trans-1,2-Dichloroethene | 3.39 | 96 | 994484 | 36.582 | ug/L | 98 |
| 19) 1,1-Dichloroethane | 3.92 | 63 | 37437 | 0.613 | ug/L | 93 |
| 22) cis-1,2-Dichloroethene | 4.70 | 96 | 32246183m | 1064.452 | ug/L | |
| 25) Chloroform | 5.14 | 83 | 46035 | 0.775 | ug/L | 98 |
| 27) 1,2-Dichloroethane | 5.84 | 62 | 13394 | 0.343 | ug/L # | 93 |
| 30) Cyclohexane | 5.43 | 56 | 28828 | 0.630 | ug/L | 98 |
| 33) Benzene | 5.82 | 78 | 89747 | 0.741 | ug/L | 100 |
| 34) Trichloroethene | 6.57 | 95 | 47570292m | 1602.462 | ug/L | |
| 42) Toluene | 8.00 | 91 | 12190 | 0.097 | ug/L | 87 |
| 45) 1,1,2-Trichloroethane | 8.43 | 97 | 41270 | 1.844 | ug/L | 97 |
| 47) Tetrachloroethene | 8.58 | 164 | 155971 | 6.904 | ug/L | 98 |

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|---|---|---|---|---|---|---|

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

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