Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031920\
Data File : VU037339.D
Acq On : 19 Mar 2020 14:07
Operator : JC/MD
Sample : L1983-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0AA7

Quant Time: Mar 20 03:44:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 20 01:58:25 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.28 | 114 | 133637 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.44 | 117 | 130479 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152 | 55845 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 0.00 | 65 | 0d | 0.00 | ug/L | |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 0.00%# | | | |
| 7) Chloroethane-d5 | 1.93 | 69 | 30126 | 4.84 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 96.80% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.59 | 63 | 32628 | 2.13 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 42.60%# | | | |
| 20) 2-Butanone-d5 | 4.67 | 46 | 111639 | 53.07 | ug/L | -0.01 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 106.14% | | | |
| 24) Chloroform-d | 5.11 | 84 | 84164 | 5.23 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 104.60% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.74 | 65 | 47683 | 5.08 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 101.60% | | | |
| 32) Benzene-d6 | 5.76 | 84 | 138605 | 5.01 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 100.20% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.72 | 67 | 46100 | 5.08 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 101.60% | | | |
| 41) Toluene-d8 | 7.93 | 98 | 50897 | 1.89 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 37.80%# | | | |
| 43) trans-1,3-Dichloropropene- | 8.21 | 79 | 13239 | 3.28 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 65.60% | | | |
| 46) 2-Hexanone-d5 | 8.66 | 63 | 88044 | 48.90 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 97.80% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77 | 84 | 39868 | 5.12 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 102.40% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.21 | 152 | 49353 | 5.41 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 108.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 1.54 | 50 | 2634 | 0.173 | ug/L | 93 |
| 13) Acetone | 2.66 | 43 | 7402 | 4.160 | ug/L | 99 |
| 17) Methyl tert-butyl Ether | 3.40 | 73 | 14735 | 0.598 | ug/L | 98 |
| 25) Chloroform | 5.13 | 83 | 69419 | 3.428 | ug/L | 99 |
| 38) Bromodichloromethane | 7.14 | 83 | 21761 | 1.492 | ug/L | 97 |
| 49) Dibromochloromethane | 8.84 | 129 | 14628 | 1.501 | ug/L | 98 |

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

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