Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071719\
Data File : VV011920.D
Acq On : 17 Jul 2019 19:02
Operator : SY/MD
Sample : K3823-10
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** A52L4

Quant Time: Jul 18 04:13:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 18 02:17:52 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.67 | 114 | 154269 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.90 | 117 | 149226 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152 | 64868 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 54280 | 4.79 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 95.80% | | | |
| 7) Chloroethane-d5 | 1.59 | 69 | 44107 | 4.70 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 94.00% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.13 | 63 | 56571 | 3.05 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 61.00% | | | |
| 20) 2-Butanone-d5 | 3.94 | 46 | 153785 | 53.74 | ug/L | -0.02 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 107.48% | | | |
| 24) Chloroform-d | 4.40 | 84 | 109242 | 4.81 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 96.20% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.08 | 65 | 57301 | 4.92 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 98.40% | | | |
| 32) Benzene-d6 | 5.10 | 84 | 216358 | 4.98 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 99.60% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.12 | 67 | 67484 | 5.07 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 101.40% | | | |
| 41) Toluene-d8 | 7.36 | 98 | 183617 | 4.63 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 92.60% | | | |
| 43) trans-1,3-Dichloropropene- | 7.67 | 79 | 21606 | 4.39 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 87.80% | | | |
| 46) 2-Hexanone-d5 | 8.13 | 63 | 92012 | 46.43 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 92.86% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26 | 84 | 39314 | 4.70 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 94.00% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.67 | 152 | 68155 | 5.26 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 105.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 5) Vinyl chloride | 1.32 | 62 | 60445 | 4.104 | ug/L | 98 |
| 13) Acetone | 2.19 | 43 | 7329 | 5.047 | ug/L | 97 |
| 18) trans-1,2-Dichloroethene | 2.79 | 96 | 19186 | 1.660 | ug/L | 98 |
| 22) cis-1,2-Dichloroethene | 3.96 | 96 | 2245673 | 188.694 | ug/L # | 99 |
| 34) Trichloroethene | 5.96 | 95 | 103331 | 7.963 | ug/L | 99 |
| 65) 1,2-Dichlorobenzene | 11.69 | 146 | 2866 | 0.147 | ug/L | 97 |

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

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