Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081018\
Data File : VU026039.D
Acq On : 10 Aug 2018 13:29
Operator : MD/SY
Sample : J4401-02 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** A4ZE0

Quant Time: Aug 11 01:48:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 11 00:58:27 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.89 | 114 | 298453 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.09 | 117 | 284679 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152 | 135471 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.40 | 65 | 71998 | 33.00 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 66.00% | | | |
| 7) Chloroethane-d5 | 1.68 | 69 | 65629 | 37.94 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 75.88% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.27 | 63 | 110917 | 26.76 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 53.52%# | | | |
| 21) 2-Butanone-d5 | 4.18 | 46 | 162094 | 89.15 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 89.15% | | | |
| 24) Chloroform-d | 4.65 | 84 | 191663 | 41.43 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 82.86% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.31 | 65 | 135236 | 43.28 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 86.56% | | | |
| 32) Benzene-d6 | 5.35 | 84 | 360965 | 40.83 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 81.66% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.33 | 67 | 120681 | 42.19 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 84.38% | | | |
| 41) Toluene-d8 | 7.57 | 98 | 325566 | 38.49 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 76.98%# | | | |
| 43) trans-1,3-Dichloropropene- | 7.85 | 79 | 58215 | 40.40 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 80.80% | | | |
| 47) 2-Hexanone-d5 | 8.31 | 63 | 113222 | 87.15 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 87.15% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.44 | 84 | 178225 | 42.61 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 85.22% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.86 | 152 | 145833 | 43.67 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 87.34% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.32 | 43 | 37469 | 33.17 | ug/L | 98 |
| 22) 2-Butanone | 4.27 | 43 | 11940 | 7.31 | ug/L | 97 |
| 42) Toluene | 7.64 | 91 | 14675 | 1.71 | ug/L | 97 |
| 51) Chlorobenzene | 9.12 | 112 | 1010605 | 174.15 | ug/L | 99 |
| 62) 1,3-Dichlorobenzene | 11.42 | 146 | 41336 | 9.80 | ug/L | 98 |
| 63) 1,4-Dichlorobenzene | 11.51 | 146 | 341614 | 77.27 | ug/L | 98 |
| 65) 1,2-Dichlorobenzene | 11.88 | 146 | 532124 | 118.53 | ug/L | 100 |
| 68) 1,2,4-trichlorobenzene | 13.51 | 180 | 346450 | 129.97 | ug/L | 100 |
| 70) 1,2,3-Trichlorobenzene | 13.99 | 180 | 91851 | 32.06 | ug/L | 98 |

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

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