Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091818\
Data File : VU026873.D
Acq On : 18 Sep 2018 19:30
Operator : MD/SY
Sample : J4896-12DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C08M5DL

Quant Time: Sep 19 07:46:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 19 07:38:56 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.89 | 114 | 226888 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.09 | 117 | 214053 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152 | 91138 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.40 | 65 | 57006 | 33.96 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 67.92% | | | |
| 7) Chloroethane-d5 | 1.67 | 69 | 56928 | 39.63 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 79.26% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.27 | 63 | 86710 | 27.30 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 54.60%# | | | |
| 21) 2-Butanone-d5 | 4.18 | 46 | 124563 | 111.84 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 111.84% | | | |
| 24) Chloroform-d | 4.65 | 84 | 133796 | 42.98 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 85.96% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.31 | 65 | 89102 | 45.45 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 90.90% | | | |
| 32) Benzene-d6 | 5.34 | 84 | 255603 | 42.61 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 85.22% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.33 | 67 | 89282 | 46.19 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 92.38% | | | |
| 41) Toluene-d8 | 7.57 | 98 | 209475 | 38.65 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 77.30%# | | | |
| 43) trans-1,3-Dichloropropene- | 7.85 | 79 | 36449 | 42.24 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 84.48% | | | |
| 47) 2-Hexanone-d5 | 8.31 | 63 | 84250 | 110.91 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 110.91% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43 | 84 | 131433 | 48.77 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 97.54% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.86 | 152 | 91485 | 48.25 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 96.50% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 51) Chlorobenzene | 9.12 | 112 | 195951 | 43.000 | ug/L | 99 |
| 62) 1,3-Dichlorobenzene | 11.42 | 146 | 18625 | 6.704 | ug/L | 96 |
| 63) 1,4-Dichlorobenzene | 11.51 | 146 | 14891 | 4.867 | ug/L | 99 |
| 65) 1,2-Dichlorobenzene | 11.88 | 146 | 3073 | 0.999 | ug/L # | 90 |
| 68) 1,2,4-trichlorobenzene | 13.51 | 180 | 4177 | 2.255 | ug/L | 100 |

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

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