

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120419\
 Data File : VU035979.D
 Acq On : 04 Dec 2019 18:38
 Operator : JC/SP
 Sample : K6132-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFQX6

Quant Time: Dec 05 05:54:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 05 03:54:31 2019
 Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene | 6.29 | 114 | 285944 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.45 | 117 | 304326 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152 | 71840 | 5.00 | ug/L | 0.00 |

System Monitoring Compounds

| | | | | | | |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3 | 1.62 | 65 | 137313 | 4.21 | ug/L | 0.00 |
| Spiked Amount | 5.000 | Range | 40 - 130 | Recovery | = | 84.20% |
| 7) Chloroethane-d5 | 1.93 | 69 | 114792 | 4.39 | ug/L | 0.00 |
| Spiked Amount | 5.000 | Range | 65 - 130 | Recovery | = | 87.80% |
| 11) 1,1-Dichloroethene-d2 | 2.59 | 63 | 151293 | 3.23 | ug/L | 0.00 |
| Spiked Amount | 5.000 | Range | 60 - 125 | Recovery | = | 64.60% |
| 20) 2-Butanone-d5 | 4.69 | 46 | 207142 | 35.89 | ug/L | -0.01 |
| Spiked Amount | 50.000 | Range | 40 - 130 | Recovery | = | 71.78% |
| 24) Chloroform-d | 5.11 | 84 | 192761 | 4.31 | ug/L | 0.00 |
| Spiked Amount | 5.000 | Range | 70 - 125 | Recovery | = | 86.20% |
| 26) 1,2-Dichloroethane-d4 | 5.75 | 65 | 108164 | 4.56 | ug/L | 0.00 |
| Spiked Amount | 5.000 | Range | 70 - 130 | Recovery | = | 91.20% |
| 32) Benzene-d6 | 5.77 | 84 | 394555 | 4.38 | ug/L | 0.00 |
| Spiked Amount | 5.000 | Range | 70 - 125 | Recovery | = | 87.60% |
| 36) 1,2-Dichloropropane-d6 | 6.73 | 67 | 129340 | 4.43 | ug/L | 0.00 |
| Spiked Amount | 5.000 | Range | 60 - 140 | Recovery | = | 88.60% |
| 41) Toluene-d8 | 7.93 | 98 | 326539 | 3.94 | ug/L | 0.00 |
| Spiked Amount | 5.000 | Range | 70 - 130 | Recovery | = | 78.80% |
| 43) trans-1,3-Dichloropropene- | 8.22 | 79 | 45737 | 3.88 | ug/L | 0.00 |
| Spiked Amount | 5.000 | Range | 55 - 130 | Recovery | = | 77.60% |
| 46) 2-Hexanone-d5 | 8.70 | 63 | 177531 | 38.29 | ug/L | 0.02 |
| Spiked Amount | 50.000 | Range | 45 - 130 | Recovery | = | 76.58% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.79 | 84 | 105940 | 4.32 | ug/L | 0.00 |
| Spiked Amount | 5.000 | Range | 65 - 120 | Recovery | = | 86.40% |
| 64) 1,2-Dichlorobenzene-d4 | 12.22 | 152 | 73025 | 4.92 | ug/L | 0.00 |
| Spiked Amount | 5.000 | Range | 80 - 120 | Recovery | = | 98.40% |

Target Compounds

| Target Compounds | R.T. | QIon | Response | Conc | Units | Ovalue |
|--------------------------|------|------|----------|--------|--------|--------|
| 13) Acetone | 2.66 | 43 | 122375 | 23.450 | ug/L | 98 |
| 15) Methyl Acetate | 3.00 | 43 | 2495 | 0.267 | ug/L # | 86 |
| 16) Methylene chloride | 3.08 | 84 | 5713 | 0.180 | ug/L | 95 |
| 21) 2-Butanone | 4.77 | 43 | 34611 | 5.166 | ug/L | 98 |
| 40) 4-Methyl-2-pentanone | 7.84 | 43 | 25133 | 1.650 | ug/L # | 88 |
| 42) Toluene | 8.01 | 91 | 11661 | 0.117 | ug/L | 89 |

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

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