

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112719\  
 Data File : VU035898.D  
 Acq On : 27 Nov 2019 15:45  
 Operator : JC/SP  
 Sample : K6083-04  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AA3

Manual Integrations  
 APPROVED

mohammad  
 12/2/2019 3:13:00 PM

Quant Time: Nov 29 04:10:12 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR112119WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Nov 28 04:57:50 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 198834   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 228832   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152  | 66944    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.62   | 65    | 132975   | 5.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 102.40% |
| 7) Chloroethane-d5             | 1.93   | 69    | 124315   | 5.53     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 110.60% |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 164440   | 3.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 68.20%  |
| 20) 2-Butanone-d5              | 4.69   | 46    | 249356   | 41.48    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 82.96%  |
| 24) Chloroform-d               | 5.11   | 84    | 218843   | 4.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 99.60%  |
| 26) 1,2-Dichloroethane-d4      | 5.75   | 65    | 121835   | 4.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 98.60%  |
| 32) Benzene-d6                 | 5.77   | 84    | 427469   | 4.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.73   | 67    | 149382   | 5.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 101.60% |
| 41) Toluene-d8                 | 7.93   | 98    | 335626   | 4.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 83.40%  |
| 43) trans-1,3-Dichloropropene- | 8.22   | 79    | 49981    | 4.36     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 87.20%  |
| 46) 2-Hexanone-d5              | 8.69   | 63    | 218569   | 47.51    | ug/L | 0.02    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 95.02%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.79  | 84    | 116734   | 4.71     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 94.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.22  | 152   | 80486    | 5.53     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 110.60% |

| Target Compounds |      |    |        |            | Ovalue |
|------------------|------|----|--------|------------|--------|
| 3) Chloromethane | 1.54 | 50 | 4452   | 0.134 ug/L | 100    |
| 13) Acetone      | 2.67 | 43 | 15236  | 2.886 ug/L | 97     |
| 21) 2-Butanone   | 4.77 | 43 | 18059m | 2.703 ug/L |        |
| 42) Toluene      | 8.00 | 91 | 32622  | 0.328 ug/L | 89     |

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

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