

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092419\  
 Data File : VU034780.D  
 Acq On : 24 Sep 2019 18:46  
 Operator : JC/SP  
 Sample : K4932-09  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK01

Quant Time: Sep 25 06:38:38 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM091919WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Sep 25 02:59:31 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.86  | 114  | 594905   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 545737   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.46 | 152  | 256957   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 228659   | 37.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 75.08%  |
| 7) Chloroethane-d5             | 1.67    | 69    | 204220   | 43.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 86.78%  |
| 11) 1,1-Dichloroethene-d2      | 2.26    | 63    | 320561   | 31.08    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 62.16%  |
| 21) 2-Butanone-d5              | 4.15    | 46    | 466907   | 100.03   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 100.03% |
| 24) Chloroform-d               | 4.62    | 84    | 418009   | 47.21    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.42%  |
| 26) 1,2-Dichloroethane-d4      | 5.28    | 65    | 290795   | 44.68    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 89.36%  |
| 32) Benzene-d6                 | 5.32    | 84    | 873802   | 51.66    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 103.32% |
| 36) 1,2-Dichloropropane-d6     | 6.31    | 67    | 307063   | 51.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 103.88% |
| 41) Toluene-d8                 | 7.54    | 98    | 817288   | 50.79    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 101.58% |
| 43) trans-1,3-Dichloropropene- | 7.83    | 79    | 137078   | 48.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 96.82%  |
| 47) 2-Hexanone-d5              | 8.29    | 63    | 318456   | 107.24   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 107.24% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41   | 84    | 393548   | 47.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 95.94%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.84   | 152   | 291957   | 54.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 108.36% |

| Target Compounds | Ovalue |
|------------------|--------|
| -----            |        |

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

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