

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111219\  
 Data File : VU035692.D  
 Acq On : 12 Nov 2019 13:58  
 Operator : JC/SP  
 Sample : K5798-06  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFLW3

Quant Time: Nov 13 01:14:18 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM103119WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Nov 13 00:43:14 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 740354   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 694152   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152  | 200148   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.62    | 65    | 266155   | 44.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 89.02%  |
| 7) Chloroethane-d5             | 1.93    | 69    | 225414   | 47.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 94.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.59    | 63    | 321885   | 34.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 69.22%  |
| 21) 2-Butanone-d5              | 4.69    | 46    | 307517   | 88.04    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 88.04%  |
| 24) Chloroform-d               | 5.11    | 84    | 429079   | 46.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.92%  |
| 26) 1,2-Dichloroethane-d4      | 5.75    | 65    | 265280   | 46.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.78%  |
| 32) Benzene-d6                 | 5.77    | 84    | 922802   | 51.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 102.00% |
| 36) 1,2-Dichloropropane-d6     | 6.73    | 67    | 294443   | 50.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 100.36% |
| 41) Toluene-d8                 | 7.93    | 98    | 835120   | 48.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 97.86%  |
| 43) trans-1,3-Dichloropropene- | 8.21    | 79    | 130026   | 48.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 96.22%  |
| 47) 2-Hexanone-d5              | 8.68    | 63    | 196213   | 87.25    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 87.25%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.79   | 84    | 370387   | 44.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 88.78%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.22   | 152   | 204142   | 50.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 101.14% |

| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 13) Acetone      | 2.67 | 43 | 13906 | 4.525 ug/L | 97     |

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

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