

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041719\  
 Data File : VU031248.D  
 Acq On : 17 Apr 2019 10:37  
 Operator : JC/SP  
 Sample : K2409-04DL 5X  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFC27DL

Quant Time: Apr 18 06:58:55 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM041719WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Apr 18 04:50:11 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 509661   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 492912   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 198268   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 193078   | 41.14    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 82.28% |
| 7) Chloroethane-d5             | 1.68    | 69    | 163527   | 40.13    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 80.26% |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 290820   | 31.28    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 62.56% |
| 21) 2-Butanone-d5              | 4.20    | 46    | 296171   | 86.64    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 86.64% |
| 24) Chloroform-d               | 4.64    | 84    | 318949   | 40.73    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 81.46% |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 214605   | 44.50    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 89.00% |
| 32) Benzene-d6                 | 5.34    | 84    | 656178   | 42.11    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 84.22% |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 218774   | 43.26    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 86.52% |
| 41) Toluene-d8                 | 7.56    | 98    | 577971   | 42.15    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 84.30% |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 97501    | 40.33    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 80.66% |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 207051   | 86.73    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 86.73% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 293576   | 41.81    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 83.62% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 199812   | 43.94    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 87.88% |

| Target Compounds    |      |    |        |             | Ovalue |
|---------------------|------|----|--------|-------------|--------|
| 13) Acetone         | 2.35 | 43 | 12625  | 4.799 ug/L  | 56     |
| 34) Trichloroethene | 6.18 | 95 | 118696 | 28.614 ug/L | 93     |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU041719\  
Data File : VU031248.D  
Acq On : 17 Apr 2019 10:37  
Operator : JC/SP  
Sample : K2409-04DL 5X  
Misc : 5.0mL/MSVOA U/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BFC27DL

Quant Time: Apr 18 06:58:55 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM041719WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Apr 18 04:50:11 2019  
Response via : Initial Calibration

