

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042419\  
 Data File : VU031480.D  
 Acq On : 24 Apr 2019 19:07  
 Operator : JC/SP  
 Sample : K2517-06  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GAHY7

Quant Time: Apr 25 07:01:26 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR042419WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Apr 25 06:05:25 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 308078   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 311303   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 114933   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 134898   | 5.47     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 109.40% |
| 7) Chloroethane-d5             | 1.68   | 69    | 103364   | 5.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 109.80% |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 194742   | 4.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 84.00%  |
| 20) 2-Butanone-d5              | 4.19   | 46    | 381234   | 57.65    | ug/L | -0.02   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 115.30% |
| 24) Chloroform-d               | 4.64   | 84    | 217848   | 5.57     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 111.40% |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 122308   | 5.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 117.60% |
| 32) Benzene-d6                 | 5.33   | 84    | 434544   | 5.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 102.80% |
| 36) 1,2-Dichloropropane-d6     | 6.33   | 67    | 149023   | 5.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 108.40% |
| 41) Toluene-d8                 | 7.56   | 98    | 345605   | 4.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 92.20%  |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 48003    | 4.46     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 89.20%  |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 243216   | 45.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 91.60%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 112291   | 5.13     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 102.60% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 118782   | 5.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 115.60% |

| Target Compounds  |      |     |       | Ovalue          |
|-------------------|------|-----|-------|-----------------|
| 51) Chlorobenzene | 9.12 | 112 | 11249 | 0.192 ug/L # 85 |

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

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