

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR040919\  
 Data File : VR026522.D  
 Acq On : 9 Apr 2019 18:46  
 Operator : SY/MD  
 Sample : K2285-06  
 Misc : 25mL/MSVOA R/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 BEZC4

Quant Time: Apr 10 06:51:53 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR040319WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Apr 10 05:42:05 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.46  | 114  | 590853   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.28 | 117  | 491550   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.23 | 152  | 144078   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.14   | 65    | 176081   | 3.92     | ug/L | -0.02   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 78.40%  |
| 7) Chloroethane-d5             | 2.62   | 69    | 161366   | 4.31     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 86.20%  |
| 11) 1,1-Dichloroethene-d2      | 3.60   | 63    | 377050   | 3.25     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 65.00%  |
| 20) 2-Butanone-d5              | 6.59   | 46    | 179937   | 44.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 89.92%  |
| 24) Chloroform-d               | 7.20   | 84    | 361449   | 4.24     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 84.80%  |
| 26) 1,2-Dichloroethane-d4      | 7.89   | 65    | 159049   | 4.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 88.80%  |
| 32) Benzene-d6                 | 7.85   | 84    | 656891   | 4.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 84.40%  |
| 36) 1,2-Dichloropropane-d6     | 8.89   | 67    | 177673   | 4.37     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 87.40%  |
| 41) Toluene-d8                 | 9.97   | 98    | 599376   | 4.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 85.20%  |
| 43) trans-1,3-Dichloropropene- | 10.23  | 79    | 33600    | 3.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 62.20%  |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 139940   | 48.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 96.72%  |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 66281    | 4.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 83.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 13.52  | 152   | 117647   | 5.39     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 107.80% |

| Target Compounds          |      |    |      |            | Ovalue |
|---------------------------|------|----|------|------------|--------|
| 29) 1,1,1-Trichloroethane | 7.42 | 97 | 8313 | 0.102 ug/L | 92     |

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

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