

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR040919\  
 Data File : VR026556.D  
 Acq On : 10 Apr 2019 17:15  
 Operator : SY/MD  
 Sample : K2297-01  
 Misc : 25mL/MSVOA R/WATER  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 E3YB5

Quant Time: Apr 11 04:43:30 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR040319WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Apr 11 04:17:38 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.46  | 114  | 575963   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.29 | 117  | 475648   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.23 | 152  | 147796   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.14   | 65    | 161863   | 3.70     | ug/L | -0.01   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 74.00%  |
| 7) Chloroethane-d5             | 2.62   | 69    | 143081   | 3.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 78.40%  |
| 11) 1,1-Dichloroethene-d2      | 3.60   | 63    | 330349   | 2.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 58.40%# |
| 20) 2-Butanone-d5              | 6.58   | 46    | 155441   | 39.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 79.68%  |
| 24) Chloroform-d               | 7.20   | 84    | 325902   | 3.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 78.40%  |
| 26) 1,2-Dichloroethane-d4      | 7.89   | 65    | 140013   | 4.01     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 80.20%  |
| 32) Benzene-d6                 | 7.85   | 84    | 581712   | 3.87     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 77.40%  |
| 36) 1,2-Dichloropropane-d6     | 8.89   | 67    | 153767   | 3.91     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 78.20%  |
| 41) Toluene-d8                 | 9.97   | 98    | 528551   | 3.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 77.60%  |
| 43) trans-1,3-Dichloropropene- | 10.24  | 79    | 34228    | 3.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 65.60%  |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 124382   | 44.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 88.84%  |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 62632    | 4.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 81.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 13.51  | 152   | 112147   | 5.01     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 100.20% |

## Target Compounds

|             |       |    |       |       | Ovalue   |
|-------------|-------|----|-------|-------|----------|
| 13) Acetone | 3.69  | 43 | 34624 | 8.781 | ug/L 100 |
| 42) Toluene | 10.03 | 91 | 52453 | 0.275 | ug/L 89  |

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

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