

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR040519\  
 Data File : VR026457.D  
 Acq On : 5 Apr 2019 11:35  
 Operator : SY/MD  
 Sample : K2271-06MS  
 Misc : 25mL/MSVOA R/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 DB7C8MS

Quant Time: Apr 06 06:29:17 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR040319WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Apr 06 05:54:53 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.46  | 114  | 437176   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.28 | 117  | 365024   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.23 | 152  | 110075   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.14   | 65    | 152248   | 4.58     | ug/L | -0.01   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 91.60%  |
| 7) Chloroethane-d5             | 2.62   | 69    | 133620   | 4.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 96.40%  |
| 11) 1,1-Dichloroethene-d2      | 3.60   | 63    | 410825   | 4.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 95.60%  |
| 20) 2-Butanone-d5              | 6.59   | 46    | 149214   | 50.38    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 100.76% |
| 24) Chloroform-d               | 7.20   | 84    | 299343   | 4.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.80%  |
| 26) 1,2-Dichloroethane-d4      | 7.90   | 65    | 133374   | 5.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 100.60% |
| 32) Benzene-d6                 | 7.85   | 84    | 541300   | 4.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.80%  |
| 36) 1,2-Dichloropropane-d6     | 8.89   | 67    | 152455   | 5.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 101.00% |
| 41) Toluene-d8                 | 9.97   | 98    | 481940   | 4.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 92.20%  |
| 43) trans-1,3-Dichloropropene- | 10.23  | 79    | 35436    | 4.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 88.40%  |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 122689   | 57.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 114.18% |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 54442    | 4.62     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 92.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 13.51  | 152   | 95088    | 5.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 114.00% |

## Target Compounds

|                        |       |     |        |            | Ovalue |
|------------------------|-------|-----|--------|------------|--------|
| 12) 1,1-Dichloroethene | 3.63  | 96  | 176885 | 4.562 ug/L | 98     |
| 33) Benzene            | 7.90  | 78  | 672965 | 4.718 ug/L | 100    |
| 34) Trichloroethene    | 8.71  | 95  | 168519 | 4.410 ug/L | 99     |
| 42) Toluene            | 10.03 | 91  | 726258 | 4.968 ug/L | 100    |
| 51) Chlorobenzene      | 11.31 | 112 | 385448 | 4.698 ug/L | 99     |

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

