

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR040519\  
 Data File : VR026456.D  
 Acq On : 5 Apr 2019 11:03  
 Operator : SY/MD  
 Sample : K2271-05  
 Misc : 25mL/MSVOA R/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 DB7C8

Quant Time: Apr 06 06:26:24 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  | 513599   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.28 | 117  | 421825   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.23 | 152  | 122608   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.14   | 65    | 145334   | 3.72     | ug/L | -0.01   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 74.40%  |
| 7) Chloroethane-d5             | 2.63   | 69    | 129169   | 3.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 79.40%  |
| 11) 1,1-Dichloroethene-d2      | 3.61   | 63    | 289540   | 2.87     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 57.40%# |
| 20) 2-Butanone-d5              | 6.59   | 46    | 125712   | 36.13    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 72.26%  |
| 24) Chloroform-d               | 7.20   | 84    | 274755   | 3.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 74.00%  |
| 26) 1,2-Dichloroethane-d4      | 7.89   | 65    | 118158   | 3.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 75.80%  |
| 32) Benzene-d6                 | 7.85   | 84    | 488537   | 3.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 73.20%  |
| 36) 1,2-Dichloropropane-d6     | 8.89   | 67    | 131172   | 3.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 75.20%  |
| 41) Toluene-d8                 | 9.97   | 98    | 426958   | 3.54     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 70.80%  |
| 43) trans-1,3-Dichloropropene- | 10.23  | 79    | 28805    | 3.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 62.20%  |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 93832    | 37.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 75.56%  |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 47734    | 3.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 70.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 13.51  | 152   | 82005    | 4.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 88.40%  |

| Target Compounds | Ovalue |
|------------------|--------|
| -----            |        |

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

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