

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR040919\  
 Data File : VR026539.D  
 Acq On : 10 Apr 2019 4:54  
 Operator : SY/MD  
 Sample : K2289-01  
 Misc : 25mL/MSVOA R/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 BEZF9

Quant Time: Apr 10 08:05:14 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR040319WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Apr 10 07:28:30 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.46  | 114  | 529624   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.29 | 117  | 447635   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.23 | 152  | 134627   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.14   | 65    | 182294   | 4.53     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 90.60%   |
| 7) Chloroethane-d5             | 2.63   | 69    | 158922   | 4.74     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 94.80%   |
| 11) 1,1-Dichloroethene-d2      | 3.60   | 63    | 367207   | 3.53     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 70.60%   |
| 20) 2-Butanone-d5              | 6.58   | 46    | 181871   | 50.69    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 101.38%  |
| 24) Chloroform-d               | 7.20   | 84    | 362926   | 4.74     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.80%   |
| 26) 1,2-Dichloroethane-d4      | 7.89   | 65    | 156074   | 4.86     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 97.20%   |
| 32) Benzene-d6                 | 7.85   | 84    | 638175   | 4.51     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 90.20%   |
| 36) 1,2-Dichloropropane-d6     | 8.89   | 67    | 172026   | 4.64     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 92.80%   |
| 41) Toluene-d8                 | 9.97   | 98    | 582970   | 4.55     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 91.00%   |
| 43) trans-1,3-Dichloropropene- | 10.23  | 79    | 34294    | 3.49     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 69.80%   |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 144437   | 54.81    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 109.62%  |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 68271    | 4.72     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 94.40%   |
| 64) 1,2-Dichlorobenzene-d4     | 13.51  | 152   | 123694   | 6.07     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 121.40%# |

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

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

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