

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100818\  
 Data File : VR025983.D  
 Acq On : 8 Oct 2018 13:28  
 Operator : SY/MD  
 Sample : J5276-06  
 Misc : 25mL/MSVOA R/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 BEYA3

Quant Time: Oct 09 05:48:39 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR092718WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Oct 09 05:29:53 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.46  | 114  | 491132   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.29 | 117  | 413040   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.23 | 152  | 137245   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.15   | 65    | 173896   | 4.49     | ug/L | -0.01  |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 89.80% |
| 7) Chloroethane-d5             | 2.63   | 69    | 151866   | 4.80     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 96.00% |
| 11) 1,1-Dichloroethene-d2      | 3.63   | 63    | 306593   | 3.37     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 67.40% |
| 20) 2-Butanone-d5              | 6.59   | 46    | 179767   | 41.64    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 83.28% |
| 24) Chloroform-d               | 7.20   | 84    | 278346   | 4.13     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 82.60% |
| 26) 1,2-Dichloroethane-d4      | 7.90   | 65    | 128336   | 4.43     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 88.60% |
| 32) Benzene-d6                 | 7.85   | 84    | 552154   | 4.02     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 80.40% |
| 36) 1,2-Dichloropropane-d6     | 8.90   | 67    | 150547   | 4.06     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 81.20% |
| 41) Toluene-d8                 | 9.97   | 98    | 518164   | 4.01     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 80.20% |
| 43) trans-1,3-Dichloropropene- | 10.24  | 79    | 35274    | 4.20     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 84.00% |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 141619   | 44.16    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 88.32% |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 59212    | 3.94     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 78.80% |
| 64) 1,2-Dichlorobenzene-d4     | 13.52  | 152   | 99913    | 4.55     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 91.00% |

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

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

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