

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR092518\  
 Data File : VR025846.D  
 Acq On : 25 Sep 2018 14:42  
 Operator : SY/MD  
 Sample : J5045-16  
 Misc : 25mL/MSVOA R/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 VHBLK02

Quant Time: Sep 26 07:06:01 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR092118WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Sep 26 06:56:32 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.46  | 114  | 374140   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.29 | 117  | 307896   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.22 | 152  | 95011    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.16   | 65    | 139861   | 5.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 104.40% |
| 7) Chloroethane-d5             | 2.63   | 69    | 120251   | 5.72     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 114.40% |
| 11) 1,1-Dichloroethene-d2      | 3.61   | 63    | 256114   | 3.95     | ug/L | -0.01   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 79.00%  |
| 20) 2-Butanone-d5              | 6.59   | 46    | 190928   | 53.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 106.92% |
| 24) Chloroform-d               | 7.20   | 84    | 264592   | 4.71     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.20%  |
| 26) 1,2-Dichloroethane-d4      | 7.90   | 65    | 120700   | 4.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 99.60%  |
| 32) Benzene-d6                 | 7.85   | 84    | 546776   | 4.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.60%  |
| 36) 1,2-Dichloropropane-d6     | 8.90   | 67    | 152720   | 4.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 98.00%  |
| 41) Toluene-d8                 | 9.97   | 98    | 480236   | 4.67     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 93.40%  |
| 43) trans-1,3-Dichloropropene- | 10.23  | 79    | 28327    | 3.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 65.60%  |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 138058   | 47.92    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 95.84%  |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 57893    | 4.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 97.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 13.52  | 152   | 78792    | 4.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 97.00%  |

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

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

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