

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR080618\  
 Data File : VR025561.D  
 Acq On : 6 Aug 2018 18:42  
 Operator : SY/MD  
 Sample : J4243-06  
 Misc : 25mL/MSVOA R/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 C0AD6

Quant Time: Aug 07 00:03:12 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR073018WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Aug 06 23:40:46 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.47  | 114  | 465432   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.29 | 117  | 426213   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.22 | 152  | 153562   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.14   | 65    | 128263   | 4.44     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 88.80%   |
| 7) Chloroethane-d5             | 2.64   | 69    | 113413   | 4.99     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 99.80%   |
| 11) 1,1-Dichloroethene-d2      | 3.63   | 63    | 228867   | 3.44     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 68.80%   |
| 20) 2-Butanone-d5              | 6.60   | 46    | 100493   | 42.16    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 84.32%   |
| 24) Chloroform-d               | 7.21   | 84    | 229805   | 4.79     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.80%   |
| 26) 1,2-Dichloroethane-d4      | 7.90   | 65    | 81140    | 4.99     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 99.80%   |
| 32) Benzene-d6                 | 7.86   | 84    | 501828   | 4.39     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 87.80%   |
| 36) 1,2-Dichloropropane-d6     | 8.90   | 67    | 139803   | 4.66     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 93.20%   |
| 41) Toluene-d8                 | 9.97   | 98    | 465909   | 4.14     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 82.80%   |
| 43) trans-1,3-Dichloropropene- | 10.24  | 79    | 32187    | 4.19     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 83.80%   |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 140844   | 57.42    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 114.84%  |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 75168    | 5.54     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 110.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 13.51  | 152   | 146428   | 6.24     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 124.80%# |

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

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR080618\  
Data File : VR025561.D  
Acq On : 6 Aug 2018 18:42  
Operator : SY/MD  
Sample : J4243-06  
Misc : 25mL/MSVOA R/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_R  
ClientSampleId :  
C0AD6

Quant Time: Aug 07 00:03:12 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR073018WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Mon Aug 06 23:40:46 2018  
Response via : Initial Calibration

