

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR090518\  
 Data File : VR025672.D  
 Acq On : 5 Sep 2018 16:34  
 Operator : SY/MD  
 Sample : J4749-05MS  
 Misc : 25mL/MSVOA R/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 E5FA8MS

Quant Time: Sep 06 04:18:17 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR082118WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Sep 06 03:24:58 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.47  | 114  | 498309   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.29 | 117  | 404586   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.22 | 152  | 120326   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.16   | 65    | 126071   | 3.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 77.80%  |
| 7) Chloroethane-d5             | 2.62   | 69    | 115119   | 4.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 82.20%  |
| 11) 1,1-Dichloroethene-d2      | 3.63   | 63    | 324616   | 4.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 81.00%  |
| 20) 2-Butanone-d5              | 6.60   | 46    | 124994   | 50.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 101.14% |
| 24) Chloroform-d               | 7.20   | 84    | 242383   | 4.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 85.20%  |
| 26) 1,2-Dichloroethane-d4      | 7.90   | 65    | 91304    | 4.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 92.20%  |
| 32) Benzene-d6                 | 7.86   | 84    | 569448   | 4.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 86.00%  |
| 36) 1,2-Dichloropropane-d6     | 8.90   | 67    | 166359   | 4.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 98.60%  |
| 41) Toluene-d8                 | 9.97   | 98    | 529076   | 4.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 88.40%  |
| 43) trans-1,3-Dichloropropene- | 10.24  | 79    | 32940    | 4.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 82.80%  |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 147132   | 56.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 113.02% |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 65029    | 4.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 83.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 13.51  | 152   | 114831   | 5.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 119.40% |

| Target Compounds       |       |     |        |           | Ovalue |
|------------------------|-------|-----|--------|-----------|--------|
| 12) 1,1-Dichloroethene | 3.65  | 96  | 154037 | 3.94 ug/L | 83     |
| 33) Benzene            | 7.91  | 78  | 686339 | 4.65 ug/L | 100    |
| 34) Trichloroethene    | 8.71  | 95  | 149820 | 4.43 ug/L | 96     |
| 42) Toluene            | 10.03 | 91  | 728103 | 5.02 ug/L | 100    |
| 51) Chlorobenzene      | 11.31 | 112 | 423582 | 4.69 ug/L | 98     |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA R\DATA\VR090518\  
Data File : VR025672.D  
Acq On : 5 Sep 2018 16:34  
Operator : SY/MD  
Sample : J4749-05MS  
Misc : 25mL/MSVOA R/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_R  
ClientSampleId :  
E5FA8MS

Quant Time: Sep 06 04:18:17 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR082118WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Thu Sep 06 03:24:58 2018  
Response via : Initial Calibration

