

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_R\DATA\VR092418\  
 Data File : VR025835.D  
 Acq On : 25 Sep 2018 00:10  
 Operator : SY/MD  
 Sample : J5045-09MS  
 Misc : 25mL/MSVOA\_R/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 ETO21MS

Quant Time: Sep 25 09:14:38 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR092118WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Sep 25 08:50:52 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.46  | 114  | 368253   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.28 | 117  | 297739   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.22 | 152  | 93904    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.15   | 65    | 129016   | 4.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 97.80%  |
| 7) Chloroethane-d5             | 2.62   | 69    | 108919   | 5.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 105.20% |
| 11) 1,1-Dichloroethene-d2      | 3.62   | 63    | 321530   | 5.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 100.80% |
| 20) 2-Butanone-d5              | 6.58   | 46    | 181443   | 51.62    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 103.24% |
| 24) Chloroform-d               | 7.20   | 84    | 242592   | 4.38     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 87.60%  |
| 26) 1,2-Dichloroethane-d4      | 7.89   | 65    | 115828   | 4.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 97.20%  |
| 32) Benzene-d6                 | 7.85   | 84    | 502089   | 4.54     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 90.80%  |
| 36) 1,2-Dichloropropane-d6     | 8.90   | 67    | 145162   | 4.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 96.20%  |
| 41) Toluene-d8                 | 9.97   | 98    | 438540   | 4.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 88.20%  |
| 43) trans-1,3-Dichloropropene- | 10.24  | 79    | 24957    | 2.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 59.80%  |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 134223   | 48.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 96.36%  |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 52942    | 4.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 92.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 13.51  | 152   | 69694    | 4.34     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 86.80%  |

## Target Compounds

|                        |       |     |        |            | Qvalue |
|------------------------|-------|-----|--------|------------|--------|
| 12) 1,1-Dichloroethene | 3.63  | 96  | 146911 | 4.625 ug/L | 88     |
| 33) Benzene            | 7.90  | 78  | 647725 | 4.144 ug/L | 100    |
| 34) Trichloroethene    | 8.71  | 95  | 161164 | 3.885 ug/L | 98     |
| 42) Toluene            | 10.03 | 91  | 662558 | 4.159 ug/L | 98     |
| 51) Chlorobenzene      | 11.32 | 112 | 328122 | 3.926 ug/L | 100    |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_R\DATA\VR092418\  
Data File : VR025835.D  
Acq On : 25 Sep 2018 00:10  
Operator : SY/MD  
Sample : J5045-09MS  
Misc : 25mL/MSVOA\_R/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_R  
ClientSampleId :  
ETO21MS

Quant Time: Sep 25 09:14:38 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR092118WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Tue Sep 25 08:50:52 2018  
Response via : Initial Calibration

