

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080218\  
 Data File : VV006847.D  
 Acq On : 03 Aug 2018 09:47  
 Operator : SY/MD  
 Sample : J4261-02MS  
 Misc : 25 mL/MSVOA V/WATER  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 E5F89MS

Quant Time: Aug 03 12:13:36 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR080218WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Aug 03 04:21:42 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 238596   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 222012   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 84233    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 76939    | 4.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 93.20%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 75710    | 5.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 105.40% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 154915   | 5.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 101.20% |
| 20) 2-Butanone-d5              | 3.95   | 46    | 243503   | 60.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 121.52% |
| 24) Chloroform-d               | 4.41   | 84    | 154343   | 5.34     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 106.80% |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 82462    | 5.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 113.00% |
| 32) Benzene-d6                 | 5.11   | 84    | 297446   | 4.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 99.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 104004   | 5.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 105.20% |
| 41) Toluene-d8                 | 7.37   | 98    | 228524   | 4.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 85.40%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 30202    | 4.31     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 86.20%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 154466   | 49.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 99.14%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 82681    | 5.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 112.20% |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 78819    | 5.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 100.80% |

| Target Compounds       |      |     |        |           | Ovalue |
|------------------------|------|-----|--------|-----------|--------|
| 12) 1,1-Dichloroethene | 2.14 | 96  | 77799  | 5.10 ug/L | 98     |
| 33) Benzene            | 5.15 | 78  | 339846 | 4.98 ug/L | 100    |
| 34) Trichloroethene    | 5.96 | 95  | 81113  | 4.67 ug/L | 95     |
| 42) Toluene            | 7.44 | 91  | 309658 | 4.61 ug/L | 97     |
| 47) Tetrachloroethene  | 8.02 | 164 | 4076   | 0.29 ug/L | 92     |
| 51) Chlorobenzene      | 8.93 | 112 | 216933 | 5.02 ug/L | 100    |

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

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