

Data Path : W:\HPCHEM1\MSVOA V\DATA\VV050718\  
 Data File : VV005828.D  
 Acq On : 07 May 2018 20:16  
 Operator : SY/MD  
 Sample : J2636-13  
 Misc : 25.0 mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F1C18

Quant Time: May 08 01:50:39 2018  
 Quant Method : W:\HPCHEM1\MSVOA V\METHOD\SOMVTR050518WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue May 08 01:22:26 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 231007   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 236299   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 96529    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 87150    | 4.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 99.40%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 77284    | 5.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 102.20% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 142796   | 3.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 73.80%  |
| 20) 2-Butanone-d5              | 3.96   | 46    | 157468   | 45.65    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 91.30%  |
| 24) Chloroform-d               | 4.41   | 84    | 166533   | 5.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 104.20% |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 97514    | 5.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 102.80% |
| 32) Benzene-d6                 | 5.11   | 84    | 315629   | 4.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.13   | 67    | 94301    | 4.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 95.80%  |
| 41) Toluene-d8                 | 7.37   | 98    | 277836   | 4.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 89.80%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 33865    | 4.36     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 87.20%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 111519   | 36.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 73.46%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 60887    | 4.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 82.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 100011   | 4.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 99.80%  |

| Target Compounds |      |    |      |           | Ovalue |
|------------------|------|----|------|-----------|--------|
| 13) Acetone      | 2.20 | 43 | 6400 | 2.19 ug/L | 99     |

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

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