

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091218\  
 Data File : VV007484.D  
 Acq On : 12 Sep 2018 19:29  
 Operator : SY/MD  
 Sample : J4871-06  
 Misc : 25.0 mL/MSVOA V/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0KL5

Quant Time: Sep 13 06:49:52 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR091218WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Sep 13 02:33:45 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 128100   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 113510   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 59053    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 36629    | 5.34     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 106.80% |
| 7) Chloroethane-d5             | 1.58   | 69    | 28495    | 4.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 99.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 57507    | 4.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 83.40%  |
| 20) 2-Butanone-d5              | 3.97   | 46    | 71873    | 48.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 97.38%  |
| 24) Chloroform-d               | 4.41   | 84    | 70049    | 5.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 103.80% |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 37679    | 5.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 106.40% |
| 32) Benzene-d6                 | 5.10   | 84    | 138887   | 5.38     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 107.60% |
| 36) 1,2-Dichloropropane-d6     | 6.13   | 67    | 40695    | 5.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 105.40% |
| 41) Toluene-d8                 | 7.36   | 98    | 139380   | 5.34     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 106.80% |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 19935    | 5.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 104.40% |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 43543    | 47.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 95.96%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 28682    | 4.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 96.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 55128    | 5.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 109.00% |

| Target Compounds    |      |    |      |           | Ovalue |
|---------------------|------|----|------|-----------|--------|
| 34) Trichloroethene | 5.96 | 95 | 5791 | 0.78 ug/L | 95     |

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

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