

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101818\  
 Data File : VV008353.D  
 Acq On : 18 Oct 2018 20:17  
 Operator : SY/MD  
 Sample : J5589-06  
 Misc : 25.0 mL/MSVOA V/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0T27

Quant Time: Oct 19 09:06:31 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR101518WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Oct 19 05:24:39 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 104579   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 94181    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 38499    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 25046    | 4.24     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 84.80% |
| 7) Chloroethane-d5             | 1.59   | 69    | 21697    | 4.65     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 93.00% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 39771    | 3.51     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 70.20% |
| 20) 2-Butanone-d5              | 3.99   | 46    | 97632    | 49.25    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 98.50% |
| 24) Chloroform-d               | 4.41   | 84    | 58910    | 4.46     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.20% |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 31785    | 4.74     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 94.80% |
| 32) Benzene-d6                 | 5.10   | 84    | 125053   | 4.52     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 90.40% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 43208    | 4.75     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 95.00% |
| 41) Toluene-d8                 | 7.36   | 98    | 112470   | 4.49     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 89.80% |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 14052    | 3.72     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 74.40% |
| 46) 2-Hexanone-d5              | 8.15   | 63    | 58825    | 44.43    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 88.86% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 24074    | 3.98     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 79.60% |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 34099    | 4.67     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 93.40% |

| Target Compounds    |      |    |      |            | Ovalue |
|---------------------|------|----|------|------------|--------|
| 34) Trichloroethene | 5.96 | 95 | 2766 | 0.314 ug/L | 89     |

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

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