

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081518\  
 Data File : VV007025.D  
 Acq On : 15 Aug 2018 21:26  
 Operator : SY/MD  
 Sample : J4487-09  
 Misc : 25.0 mL/MSVOA V/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C02Z5

Quant Time: Aug 16 04:44:56 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR080918WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Aug 16 02:48:57 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 200180   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 194228   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 77756    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 62463    | 4.83     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 96.60% |
| 7) Chloroethane-d5             | 1.58   | 69    | 52189    | 4.76     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 95.20% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 86582    | 3.57     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 71.40% |
| 20) 2-Butanone-d5              | 3.97   | 46    | 163963   | 44.12    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 88.24% |
| 24) Chloroform-d               | 4.41   | 84    | 117402   | 4.48     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.60% |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 62378    | 4.71     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 94.20% |
| 32) Benzene-d6                 | 5.10   | 84    | 229909   | 4.61     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 92.20% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 78281    | 4.59     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 91.80% |
| 41) Toluene-d8                 | 7.37   | 98    | 168910   | 3.98     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 79.60% |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 24338    | 4.10     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 82.00% |
| 46) 2-Hexanone-d5              | 8.15   | 63    | 72374    | 29.82    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 59.64% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 57384    | 4.32     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 86.40% |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 60163    | 4.45     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 89.00% |

| Target Compounds | Ovalue |
|------------------|--------|
| -----            |        |

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

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