

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081518\  
 Data File : VV007022.D  
 Acq On : 15 Aug 2018 20:05  
 Operator : SY/MD  
 Sample : J4487-06  
 Misc : 25.0 mL/MSVOA V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C02Z2

Quant Time: Aug 16 03:07:16 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  | 193405   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 183669   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 73981    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 62240    | 4.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 99.80%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 53683    | 5.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 101.40% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 90126    | 3.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 77.00%  |
| 20) 2-Butanone-d5              | 3.97   | 46    | 166154   | 46.28    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 92.56%  |
| 24) Chloroform-d               | 4.41   | 84    | 121961   | 4.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 63908    | 5.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 100.00% |
| 32) Benzene-d6                 | 5.10   | 84    | 236429   | 5.01     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.20% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 77752    | 4.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 96.40%  |
| 41) Toluene-d8                 | 7.37   | 98    | 174529   | 4.35     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 87.00%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 24360    | 4.34     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 86.80%  |
| 46) 2-Hexanone-d5              | 8.15   | 63    | 75669    | 32.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 65.94%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 57750    | 4.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 91.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 60593    | 4.71     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 94.20%  |

| Target Compounds          |      |    |       |           | Ovalue |
|---------------------------|------|----|-------|-----------|--------|
| 12) 1,1-Dichloroethene    | 2.14 | 96 | 8541  | 0.61 ug/L | # 1    |
| 29) 1,1,1-Trichloroethane | 4.66 | 97 | 26505 | 1.08 ug/L | 99     |

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

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