

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073018\  
 Data File : VV006769.D  
 Acq On : 30 Jul 2018 18:15  
 Operator : SY/MD  
 Sample : J4204-22  
 Misc : 25 mL/MSVOA V/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK02

Quant Time: Jul 30 19:11:44 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR072318WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Jul 30 16:58:50 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 180760   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 170552   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 66729    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 54048    | 5.75     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 115.00%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 44613    | 6.04     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 120.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 74495    | 4.04     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 80.80%   |
| 20) 2-Butanone-d5              | 3.95   | 46    | 165589   | 56.33    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 112.66%  |
| 24) Chloroform-d               | 4.41   | 84    | 102763   | 5.82     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 116.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 53447    | 6.21     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 124.20%  |
| 32) Benzene-d6                 | 5.10   | 84    | 205250   | 5.86     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 117.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 69733    | 5.89     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 117.80%  |
| 41) Toluene-d8                 | 7.37   | 98    | 168201   | 5.49     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 109.80%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 20757    | 5.37     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 107.40%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 119791   | 48.96    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 97.92%   |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 52231    | 5.41     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 108.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 60822    | 6.11     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 122.20%# |

| Target Compounds       |      |    |      |           | Ovalue |
|------------------------|------|----|------|-----------|--------|
| 13) Acetone            | 2.19 | 43 | 4971 | 2.66 ug/L | 99     |
| 16) Methylene chloride | 2.54 | 84 | 3038 | 0.22 ug/L | 90     |

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

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