

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070218\  
 Data File : VV006535.D  
 Acq On : 02 Jul 2018 17:29  
 Operator : SY/MD  
 Sample : J3792-13  
 Misc : 25 mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DB0H8

Quant Time: Jul 05 13:01:20 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR062518WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Jun 30 02:15:06 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 293303   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 267256   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 124624   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 93500    | 4.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 97.00%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 83388    | 5.37     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 107.40% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 127345   | 3.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 74.60%  |
| 20) 2-Butanone-d5              | 3.97   | 46    | 191678   | 53.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 106.08% |
| 24) Chloroform-d               | 4.41   | 84    | 164944   | 5.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.40% |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 82460    | 5.36     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 107.20% |
| 32) Benzene-d6                 | 5.10   | 84    | 367395   | 5.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 105.60% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 113161   | 5.46     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 109.20% |
| 41) Toluene-d8                 | 7.37   | 98    | 323531   | 4.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 98.00%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 32174    | 4.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 84.20%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 164206   | 54.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 108.54% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 69759    | 5.48     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 109.60% |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 127581   | 5.51     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 110.20% |

## Target Compounds

|                            |       |     |        |      | Ovalue   |
|----------------------------|-------|-----|--------|------|----------|
| 13) Acetone                | 2.22  | 43  | 7996   | 3.61 | ug/L 99  |
| 19) 1,1-Dichloroethane     | 3.23  | 63  | 32394  | 0.94 | ug/L 99  |
| 22) cis-1,2-Dichloroethene | 3.97  | 96  | 51023  | 2.39 | ug/L 100 |
| 33) Benzene                | 5.15  | 78  | 51200  | 0.65 | ug/L 100 |
| 51) Chlorobenzene          | 8.93  | 112 | 304965 | 5.51 | ug/L 99  |
| 63) 1,4-Dichlorobenzene    | 11.32 | 146 | 174560 | 4.25 | ug/L 98  |
| 65) 1,2-Dichlorobenzene    | 11.70 | 146 | 38299  | 1.00 | ug/L 99  |

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

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