

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062118\  
 Data File : VV006392.D  
 Acq On : 21 Jun 2018 14:17  
 Operator : SY/MD  
 Sample : J3553-05  
 Misc : 25 mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0KJ3

Quant Time: Jun 22 01:43:46 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR053118WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Jun 22 01:25:25 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 312897   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 283581   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 126435   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 75418    | 4.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 88.20%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 66354    | 4.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 97.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.14   | 63    | 131538   | 3.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 79.20%  |
| 20) 2-Butanone-d5              | 3.96   | 46    | 219883   | 60.60    | ug/L | 0.01    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 121.20% |
| 24) Chloroform-d               | 4.41   | 84    | 152720   | 4.62     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 92.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 79737    | 4.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 99.80%  |
| 32) Benzene-d6                 | 5.11   | 84    | 323560   | 4.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 101236   | 4.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 98.80%  |
| 41) Toluene-d8                 | 7.37   | 98    | 282613   | 4.35     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 87.00%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 30258    | 3.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 66.00%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 165806   | 41.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 83.78%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 63275    | 4.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 85.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 106881   | 4.87     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 97.40%  |

| Target Compounds           |      |    |       |             | Ovalue |
|----------------------------|------|----|-------|-------------|--------|
| 12) 1,1-Dichloroethene     | 2.15 | 96 | 51081 | 2.84 ug/L   | 93     |
| 13) Acetone                | 2.21 | 43 | 17604 | 8.95 ug/L   | 89     |
| 21) 2-Butanone             | 4.05 | 43 | 14959 | 4.18 ug/L   | 91     |
| 22) cis-1,2-Dichloroethene | 3.97 | 96 | 17935 | 0.85 ug/L # | 93     |
| 29) 1,1,1-Trichloroethane  | 4.67 | 97 | 15704 | 0.50 ug/L   | 97     |
| 34) Trichloroethene        | 5.97 | 95 | 94388 | 4.42 ug/L   | 97     |

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

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