

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060619\  
 Data File : VV011271.D  
 Acq On : 07 Jun 2019 04:40  
 Operator : SY/MD  
 Sample : K3197-14  
 Misc : 25ML/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F9P58

Manual Integrations  
 APPROVED

MMDadoda  
 6/10/2019 11:43:41 AM

Quant Time: Jun 07 08:36:14 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR060419WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Jun 07 08:11:19 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 160781   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 145980   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 65397    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31   | 65    | 50605    | 4.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 83.00%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 37900    | 3.74     | ug/L | 0.02    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 74.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 87679    | 3.60     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 72.00%  |
| 20) 2-Butanone-d5              | 3.97   | 46    | 133022   | 48.50    | ug/L | 0.04    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 97.00%  |
| 24) Chloroform-d               | 4.40   | 84    | 98768    | 4.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 92.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 55421    | 4.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 95.60%  |
| 32) Benzene-d6                 | 5.09   | 84    | 203023   | 4.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 62644    | 4.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 93.20%  |
| 41) Toluene-d8                 | 7.36   | 98    | 180907   | 4.51     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 90.20%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 19105    | 3.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 74.60%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 112974   | 52.15    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 104.30% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 43718    | 4.77     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 95.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 61227    | 4.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 94.80%  |

## Target Compounds

|                      |      |    |        |       | Ovalue |
|----------------------|------|----|--------|-------|--------|
| 13) Acetone          | 2.24 | 43 | 17104m | 9.301 | ug/L   |
| 14) Carbon disulfide | 2.31 | 76 | 99968  | 3.253 | ug/L   |
| 15) Methyl Acetate   | 2.47 | 43 | 7353   | 1.505 | ug/L # |
| 48) 2-Hexanone       | 8.19 | 43 | 14313  | 2.788 | ug/L # |

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

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