

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121418\  
 Data File : VV008967.D  
 Acq On : 15 Dec 2018 06:15  
 Operator : SY/MD  
 Sample : J6383-03  
 Misc : 5.0 mL/MSVOA V/WATER  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0937

Quant Time: Dec 22 05:57:58 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM121318WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Dec 15 01:01:00 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 208220   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 195359   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 93613    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 46425    | 38.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 76.36%  |
| 7) Chloroethane-d5             | 1.56    | 69    | 37492    | 48.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 97.98%  |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 96475    | 33.60    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 67.20%  |
| 21) 2-Butanone-d5              | 3.93    | 46    | 89034    | 109.66   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 109.66% |
| 24) Chloroform-d               | 4.41    | 84    | 120153   | 46.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.62%  |
| 26) 1,2-Dichloroethane-d4      | 5.08    | 65    | 82199    | 49.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.48%  |
| 32) Benzene-d6                 | 5.10    | 84    | 247404   | 46.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.98%  |
| 36) 1,2-Dichloropropane-d6     | 6.12    | 67    | 74788    | 47.28    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 94.56%  |
| 41) Toluene-d8                 | 7.36    | 98    | 228117   | 46.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.32%  |
| 43) trans-1,3-Dichloropropene- | 7.67    | 79    | 34530    | 43.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 86.08%  |
| 47) 2-Hexanone-d5              | 8.13    | 63    | 59759    | 102.06   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 102.06% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26   | 84    | 91349    | 44.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 89.44%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68   | 152   | 99512    | 51.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 103.08% |

## Target Compounds

|                            |       |     |        |         | Ovalue   |
|----------------------------|-------|-----|--------|---------|----------|
| 13) Acetone                | 2.19  | 43  | 23252  | 19.046  | ug/L 100 |
| 51) Chlorobenzene          | 8.93  | 112 | 91773  | 23.344  | ug/L 99  |
| 62) 1,3-Dichlorobenzene    | 11.23 | 146 | 17682  | 5.892   | ug/L 95  |
| 63) 1,4-Dichlorobenzene    | 11.32 | 146 | 83297  | 27.566  | ug/L 97  |
| 65) 1,2-Dichlorobenzene    | 11.69 | 146 | 642633 | 210.900 | ug/L 99  |
| 68) 1,2,4-trichlorobenzene | 13.31 | 180 | 93212  | 70.262  | ug/L 98  |
| 70) 1,2,3-Trichlorobenzene | 13.80 | 180 | 63906  | 47.835  | ug/L 99  |

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

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