

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV112018\  
 Data File : VV008682.D  
 Acq On : 20 Nov 2018 18:38  
 Operator : SY/MD  
 Sample : J5997-15DL 250X  
 Misc : 5.0 mL/MSVOA\_V/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 E3YB1DL

Quant Time: Nov 21 09:02:29 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM112018WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Nov 21 01:28:05 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 274159   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 242254   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 101467   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 79117    | 40.91    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 81.82%  |
| 7) Chloroethane-d5             | 1.56    | 69    | 59942    | 56.73    | ug/L | -0.02   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 113.46% |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 110361   | 34.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 69.14%  |
| 21) 2-Butanone-d5              | 3.93    | 46    | 147946   | 93.85    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 93.85%  |
| 24) Chloroform-d               | 4.41    | 84    | 170861   | 43.62    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 87.24%  |
| 26) 1,2-Dichloroethane-d4      | 5.08    | 65    | 117045   | 46.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.42%  |
| 32) Benzene-d6                 | 5.10    | 84    | 363084   | 48.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.36%  |
| 36) 1,2-Dichloropropane-d6     | 6.12    | 67    | 117436   | 49.85    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 99.70%  |
| 41) Toluene-d8                 | 7.36    | 98    | 318386   | 47.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 94.14%  |
| 43) trans-1,3-Dichloropropene- | 7.67    | 79    | 42746    | 40.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 81.14%  |
| 47) 2-Hexanone-d5              | 8.14    | 63    | 100926   | 94.76    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 94.76%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26   | 84    | 143527   | 44.67    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 89.34%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68   | 152   | 107794   | 48.67    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 97.34%  |

| Target Compounds |      |     |        |       |      | Qvalue |
|------------------|------|-----|--------|-------|------|--------|
| 52) Ethylbenzene | 9.06 | 91  | 230507 | 25.94 | ug/L | 99     |
| 53) m,p-Xylene   | 9.18 | 106 | 172361 | 52.78 | ug/L | 92     |

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

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