

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV082418\  
 Data File : VV007186.D  
 Acq On : 24 Aug 2018 22:41  
 Operator : SY/MD  
 Sample : J4622-18DL 200X  
 Misc : 5.0 mL/MSVOA\_V/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ETBL0DL

Quant Time: Aug 25 01:11:07 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM082418WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Aug 25 00:12:31 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 630854   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 619456   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 249502   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 215938   | 48.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 97.46%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 179253   | 49.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 99.78%  |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 285953   | 37.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 74.18%  |
| 21) 2-Butanone-d5              | 3.96    | 46    | 331532   | 100.39   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 100.39% |
| 24) Chloroform-d               | 4.41    | 84    | 427065   | 49.65    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.30%  |
| 26) 1,2-Dichloroethane-d4      | 5.09    | 65    | 267468   | 51.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 102.84% |
| 32) Benzene-d6                 | 5.11    | 84    | 863105   | 49.05    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.10%  |
| 36) 1,2-Dichloropropane-d6     | 6.12    | 67    | 285286   | 49.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 98.80%  |
| 41) Toluene-d8                 | 7.37    | 98    | 685040   | 44.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 88.44%  |
| 43) trans-1,3-Dichloropropene- | 7.67    | 79    | 113722   | 45.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 90.12%  |
| 47) 2-Hexanone-d5              | 8.14    | 63    | 142879   | 78.42    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 78.42%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27   | 84    | 371688   | 48.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 96.64%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68   | 152   | 265068   | 50.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 101.80% |

| Target Compounds           |      |    |        |             | Qvalue |
|----------------------------|------|----|--------|-------------|--------|
| 5) Vinyl chloride          | 1.32 | 62 | 400588 | 75.525 ug/L | 99     |
| 20) cis-1,2-Dichloroethene | 3.97 | 96 | 267005 | 54.245 ug/L | 99     |

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

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