

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV120618\  
 Data File : VV008865.D  
 Acq On : 06 Dec 2018 19:43  
 Operator : SY/MD  
 Sample : VV1206SBL01  
 Misc : 5.00g/10.0 mL/MSVOA\_V/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK61

Quant Time: Dec 07 01:46:57 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM120618S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Dec 07 01:37:11 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 197138   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 175756   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 72605    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 50298    | 24.66    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 98.64%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 38006    | 25.22    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 100.88% |
| 10) 1,1-Dichloroethene-d2      | 2.13   | 63    | 105928   | 20.77    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 83.08%  |
| 20) 2-Butanone-d5              | 3.94   | 46    | 43007    | 57.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 115.80% |
| 24) Chloroform-d               | 4.40   | 84    | 108719   | 22.94    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 91.76%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 65008    | 25.14    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 100.56% |
| 29) Benzene-d6                 | 5.10   | 84    | 229775   | 23.41    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 93.64%  |
| 33) 1,2-Dichloropropane-d6     | 6.12   | 67    | 65943    | 24.00    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 96.00%  |
| 37) Toluene-d8                 | 7.36   | 98    | 207581   | 22.85    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 91.40%  |
| 38) trans-1,3-Dichloropropene- | 7.67   | 79    | 27454    | 22.74    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 90.96%  |
| 39) 2-Hexanone-d5              | 8.14   | 63    | 25836    | 51.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 102.64% |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 55095    | 23.90    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 95.60%  |
| 61) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 66328    | 24.34    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 97.36%  |

| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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