

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031319\  
 Data File : VV009641.D  
 Acq On : 13 Mar 2019 17:52  
 Operator : SY/MD  
 Sample : K1818-07  
 Misc : 5.05G/10ML/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK01

Quant Time: Mar 14 07:56:49 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM031319S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Mar 14 07:37:27 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 146929   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 142117   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 59207    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 47311    | 25.18    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 100.72% |
| 7) Chloroethane-d5             | 1.57   | 69    | 45918    | 19.81    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 79.24%  |
| 10) 1,1-Dichloroethene-d2      | 2.13   | 63    | 97501    | 19.20    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 76.80%  |
| 20) 2-Butanone-d5              | 3.93   | 46    | 27184    | 55.24    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 110.48% |
| 24) Chloroform-d               | 4.40   | 84    | 89941    | 24.01    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 96.04%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 58469    | 27.59    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 110.36% |
| 29) Benzene-d6                 | 5.10   | 84    | 203126   | 27.25    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 109.00% |
| 33) 1,2-Dichloropropane-d6     | 6.12   | 67    | 59362    | 27.25    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 109.00% |
| 37) Toluene-d8                 | 7.36   | 98    | 193634   | 26.84    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 107.36% |
| 38) trans-1,3-Dichloropropene- | 7.66   | 79    | 24220    | 24.20    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 96.80%  |
| 39) 2-Hexanone-d5              | 8.13   | 63    | 19850    | 49.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 98.98%  |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 52420    | 25.42    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 101.68% |
| 61) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 57673    | 25.15    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 100.60% |

| Target Compounds | Ovalue |
|------------------|--------|
| -----            |        |

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

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