

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV032619\  
 Data File : VV009916.D  
 Acq On : 27 Mar 2019 01:07  
 Operator : SY/MD  
 Sample : VIBLK61  
 Misc : 5.00G/10mL/MSVOA\_V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VIBLK61

Quant Time: Mar 27 03:46:25 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM032619S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Mar 27 01:42:27 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 152762   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 152538   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 67861    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 55929    | 18.04    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 72.16%  |
| 7) Chloroethane-d5             | 1.57   | 69    | 71031    | 21.22    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 84.88%  |
| 10) 1,1-Dichloroethene-d2      | 2.13   | 63    | 129690   | 15.29    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 61.16%  |
| 20) 2-Butanone-d5              | 3.94   | 46    | 32940    | 57.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 114.04% |
| 24) Chloroform-d               | 4.40   | 84    | 89063    | 22.88    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 91.52%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 57996    | 24.76    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 99.04%  |
| 29) Benzene-d6                 | 5.10   | 84    | 177665   | 22.18    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 88.72%  |
| 33) 1,2-Dichloropropane-d6     | 6.12   | 67    | 56051    | 23.92    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 95.68%  |
| 37) Toluene-d8                 | 7.36   | 98    | 155094   | 20.45    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 81.80%  |
| 38) trans-1,3-Dichloropropene- | 7.66   | 79    | 18418    | 19.21    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 76.84%  |
| 39) 2-Hexanone-d5              | 8.13   | 63    | 23838    | 54.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 108.98% |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 53681    | 23.13    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 92.52%  |
| 61) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 58022    | 22.46    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 89.84%  |

| Target Compounds       |      |    |      |            | Qvalue |
|------------------------|------|----|------|------------|--------|
| 16) Methylene chloride | 2.53 | 84 | 3732 | 1.483 ug/L | 90     |

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

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