

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010819\  
 Data File : VV009198.D  
 Acq On : 08 Jan 2019 17:28  
 Operator : SY/MD  
 Sample : VV0108SBL01  
 Misc : 5.00 G/10ML/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK78

Quant Time: Jan 09 00:46:17 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM010819S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jan 09 00:40:20 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 251768   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 240136   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 119500   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 61316    | 26.59    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 106.36% |
| 7) Chloroethane-d5             | 1.58   | 69    | 47041    | 23.51    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 94.04%  |
| 10) 1,1-Dichloroethene-d2      | 2.13   | 63    | 123442   | 19.60    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 78.40%  |
| 20) 2-Butanone-d5              | 3.96   | 46    | 47583    | 47.63    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 95.26%  |
| 24) Chloroform-d               | 4.40   | 84    | 145076   | 24.76    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 99.04%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 83999    | 26.36    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 105.44% |
| 29) Benzene-d6                 | 5.10   | 84    | 303928   | 25.24    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 100.96% |
| 33) 1,2-Dichloropropane-d6     | 6.12   | 67    | 87930    | 25.51    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 102.04% |
| 37) Toluene-d8                 | 7.36   | 98    | 284432   | 24.97    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 99.88%  |
| 38) trans-1,3-Dichloropropene- | 7.67   | 79    | 41998    | 24.79    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 99.16%  |
| 39) 2-Hexanone-d5              | 8.14   | 63    | 30560    | 48.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 97.06%  |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 85397    | 25.46    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 101.84% |
| 61) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 112006   | 24.94    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 99.76%  |

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

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

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