

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111819\  
 Data File : VW014062.D  
 Acq On : 18 Nov 2019 15:21  
 Operator : SY/VA  
 Sample : K5810-08  
 Misc : 4.99G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BFLR0

Quant Time: Nov 19 08:01:00 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM111119S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Nov 19 07:22:02 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 361284   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 345907   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.55 | 152  | 170128   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 105639   | 18.33    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 73.32% |
| 7) Chloroethane-d5             | 2.89   | 69    | 96464    | 20.64    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 82.56% |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 172404   | 14.57    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 58.28% |
| 20) 2-Butanone-d5              | 7.07   | 46    | 83179    | 49.67    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 99.34% |
| 24) Chloroform-d               | 7.65   | 84    | 254537   | 22.91    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 91.64% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 136724   | 24.48    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 97.92% |
| 29) Benzene-d6                 | 8.27   | 84    | 535886   | 21.83    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 87.32% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 165211   | 22.98    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 91.92% |
| 37) Toluene-d8                 | 10.32  | 98    | 485884   | 20.88    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 83.52% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 65027    | 21.12    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 84.48% |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 64269    | 47.14    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 94.28% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 129280   | 23.81    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 95.24% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 158749   | 23.23    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 92.92% |

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

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

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