

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042619\  
 Data File : VW010164.D  
 Acq On : 26 Apr 2019 20:58  
 Operator : SY/VA  
 Sample : K2596-07  
 Misc : 4.49G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BFH51

Manual Integrations  
 APPROVED

MMDadoda  
 4/30/2019 12:36:18 AM

Quant Time: Apr 27 01:09:51 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM042419S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Apr 27 00:45:13 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 586734   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 543165   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 226316   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 132152   | 23.56    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 94.24% |
| 7) Chloroethane-d5             | 2.89   | 69    | 115246   | 24.87    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 99.48% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 248523   | 15.10    | ug/L | -0.01  |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 60.40% |
| 20) 2-Butanone-d5              | 7.08   | 46    | 102801   | 38.81    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 77.62% |
| 24) Chloroform-d               | 7.64   | 84    | 355410   | 22.75    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 91.00% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 206247m  | 22.58    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 90.32% |
| 29) Benzene-d6                 | 8.27   | 84    | 682446   | 22.18    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 88.72% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 221832   | 23.13    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 92.52% |
| 37) Toluene-d8                 | 10.32  | 98    | 610008   | 21.83    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 87.32% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 75703    | 17.13    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 68.52% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 76141    | 37.78    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 75.56% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 179055   | 22.49    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 89.96% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 202764   | 24.20    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 96.80% |

Target Compounds Ovalue

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

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