

Data File : VW015554.D  
Acq On : 08 Jun 2020 13:40  
Operator : SY/VA  
Sample : L2754-21  
Misc : 5.06G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VHBLK02

Quant Time: Jun 09 02:28:47 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM052620S.M  
Quant Title : VOC Analysis  
QLast Update : Tue Jun 09 02:02:35 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 340177   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 309111   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 139863   | 25.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 75759    | 24.30    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 97.20%  |
| 7) Chloroethane-d5             | 2.90   | 69    | 78558    | 25.34    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 101.36% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 126818   | 16.70    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 66.80%  |
| 20) 2-Butanone-d5              | 7.09   | 46    | 45145    | 44.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 88.72%  |
| 24) Chloroform-d               | 7.65   | 84    | 181267   | 23.04    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 92.16%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 103352   | 23.62    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 94.48%  |
| 29) Benzene-d6                 | 8.28   | 84    | 362558   | 23.92    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 95.68%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 108802   | 23.62    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 94.48%  |
| 37) Toluene-d8                 | 10.32  | 98    | 345237   | 23.42    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 93.68%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 43592    | 20.45    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 81.80%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 36312    | 45.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 91.06%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 77123    | 22.23    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 88.92%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 114177   | 24.36    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 97.44%  |

Target Compounds Qvalue

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

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