

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052020\  
 Data File : VU038256.D  
 Acq On : 20 May 2020 18:34  
 Operator : JC/MD  
 Sample : L2724-09  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK01

Quant Time: May 21 02:57:37 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR050720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu May 21 01:14:05 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 363118   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 356484   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 173843   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 129755   | 3.91     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 78.20% |
| 7) Chloroethane-d5             | 1.93   | 69    | 118553   | 4.13     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 82.60% |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 167275   | 3.01     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 60.20% |
| 20) 2-Butanone-d5              | 4.67   | 46    | 399649   | 48.77    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 97.54% |
| 24) Chloroform-d               | 5.10   | 84    | 217957   | 4.32     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 86.40% |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 133353   | 4.62     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 92.40% |
| 32) Benzene-d6                 | 5.76   | 84    | 468898   | 4.39     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 87.80% |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 154577   | 4.48     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 89.60% |
| 41) Toluene-d8                 | 7.92   | 98    | 406599   | 4.24     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 84.80% |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 55493    | 4.02     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 80.40% |
| 46) 2-Hexanone-d5              | 8.65   | 63    | 325276   | 49.88    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 99.76% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 124265   | 4.57     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 91.40% |
| 64) 1,2-Dichlorobenzene-d4     | 12.20  | 152   | 150727   | 4.45     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 89.00% |

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

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

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