

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092719\  
 Data File : VU034873.D  
 Acq On : 27 Sep 2019 16:46  
 Operator : JC/SP  
 Sample : K5044-09  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK01

Quant Time: Sep 28 02:25:21 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR091819WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Sep 28 00:27:34 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.86  | 114  | 75085    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 71540    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.46 | 152  | 31624    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39   | 65    | 31352    | 5.25     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 105.00% |
| 7) Chloroethane-d5             | 1.67   | 69    | 27533    | 5.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 113.60% |
| 11) 1,1-Dichloroethene-d2      | 2.26   | 63    | 44977    | 4.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 85.20%  |
| 20) 2-Butanone-d5              | 4.17   | 46    | 90592    | 61.68    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 123.36% |
| 24) Chloroform-d               | 4.62   | 84    | 44593    | 4.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.29   | 65    | 26460    | 5.10     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 102.00% |
| 32) Benzene-d6                 | 5.32   | 84    | 96761    | 5.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 101.60% |
| 36) 1,2-Dichloropropane-d6     | 6.31   | 67    | 33270    | 5.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 103.60% |
| 41) Toluene-d8                 | 7.54   | 98    | 90431    | 5.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 100.60% |
| 43) trans-1,3-Dichloropropene- | 7.83   | 79    | 10885    | 4.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 83.80%  |
| 46) 2-Hexanone-d5              | 8.30   | 63    | 64303    | 55.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 111.18% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41  | 84    | 25961    | 5.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 104.00% |
| 64) 1,2-Dichlorobenzene-d4     | 11.84  | 152   | 29831    | 5.47     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 109.40% |

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

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

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