

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021219\  
 Data File : VU029431.D  
 Acq On : 12 Feb 2019 19:42  
 Operator : JC/SP  
 Sample : K1436-19  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ESXB2

Quant Time: Feb 13 04:31:47 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR021219WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Feb 13 03:26:10 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 202607   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 191584   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 103834   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 63821    | 4.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 93.80%  |
| 7) Chloroethane-d5             | 1.68   | 69    | 59947    | 4.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 99.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 106291   | 3.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 71.80%  |
| 20) 2-Butanone-d5              | 4.21   | 46    | 138286   | 48.86    | ug/L | 0.01    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 97.72%  |
| 24) Chloroform-d               | 4.65   | 84    | 85455    | 3.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 79.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 54503    | 4.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 94.60%  |
| 32) Benzene-d6                 | 5.34   | 84    | 230102   | 5.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.00% |
| 36) 1,2-Dichloropropane-d6     | 6.33   | 67    | 66068    | 4.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 97.00%  |
| 41) Toluene-d8                 | 7.56   | 98    | 216319   | 4.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 95.20%  |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 25016    | 4.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 82.20%  |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 147356   | 52.63    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 105.26% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 56786    | 4.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 96.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 96284    | 5.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 100.60% |

## Target Compounds

|                  |      |     |       |        | Ovalue   |
|------------------|------|-----|-------|--------|----------|
| 13) Acetone      | 2.35 | 43  | 47920 | 18.637 | ug/L 97  |
| 21) 2-Butanone   | 4.31 | 43  | 7292  | 2.295  | ug/L 77  |
| 25) Chloroform   | 4.67 | 83  | 20295 | 0.757  | ug/L 94  |
| 33) Benzene      | 5.39 | 78  | 55788 | 0.989  | ug/L 100 |
| 42) Toluene      | 7.64 | 91  | 55071 | 0.870  | ug/L 99  |
| 52) Ethylbenzene | 9.25 | 91  | 4219  | 0.059  | ug/L 89  |
| 53) m,p-xylene   | 9.38 | 106 | 4937  | 0.173  | ug/L 98  |
| 54) o-xylene     | 9.78 | 106 | 3039  | 0.108  | ug/L 87  |

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

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