

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121019\  
 Data File : VU036105.D  
 Acq On : 11 Dec 2019 00:53  
 Operator : JC/MD  
 Sample : K6214-06  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BD808

Quant Time: Dec 11 08:38:00 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR120919WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Dec 11 07:30:58 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 259345   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 287556   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152  | 96052    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 116398   | 5.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 100.80% |
| 7) Chloroethane-d5             | 1.93   | 69    | 109056   | 4.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 89.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 126707   | 3.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 60.00%  |
| 20) 2-Butanone-d5              | 4.70   | 46    | 250209   | 63.52    | ug/L | 0.01    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 127.04% |
| 24) Chloroform-d               | 5.11   | 84    | 190980   | 5.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 101.80% |
| 26) 1,2-Dichloroethane-d4      | 5.75   | 65    | 100811   | 5.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 103.80% |
| 32) Benzene-d6                 | 5.77   | 84    | 363820   | 5.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.00% |
| 36) 1,2-Dichloropropane-d6     | 6.73   | 67    | 115747   | 5.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 105.40% |
| 41) Toluene-d8                 | 7.93   | 98    | 285696   | 4.25     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 85.00%  |
| 43) trans-1,3-Dichloropropene- | 8.21   | 79    | 41092    | 4.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 89.80%  |
| 46) 2-Hexanone-d5              | 8.68   | 63    | 187816   | 56.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 113.48% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78  | 84    | 106964   | 5.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 106.00% |
| 64) 1,2-Dichlorobenzene-d4     | 12.22  | 152   | 97975    | 5.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 106.00% |

| Target Compounds       |       |     |      |              | Ovalue |
|------------------------|-------|-----|------|--------------|--------|
| 3) Chloromethane       | 1.54  | 50  | 3233 | 0.130 ug/L   | 94     |
| 16) Methylene chloride | 3.08  | 84  | 5037 | 0.192 ug/L # | 85     |
| 61) Bromoform          | 10.32 | 173 | 1986 | 0.208 ug/L # | 80     |

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

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