

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122319\  
 Data File : VU036328.D  
 Acq On : 23 Dec 2019 16:01  
 Operator : JC/MD  
 Sample : K6282-16DL 20X  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFDX2DL

Quant Time: Dec 24 01:13:58 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR121319WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Dec 24 00:19:34 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 261240   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 282271   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152  | 117302   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 136408   | 5.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 118.60% |
| 7) Chloroethane-d5             | 1.93   | 69    | 115890   | 5.62     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 112.40% |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 140624   | 4.24     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 84.80%  |
| 20) 2-Butanone-d5              | 4.68   | 46    | 223540   | 51.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 103.74% |
| 24) Chloroform-d               | 5.11   | 84    | 192295   | 5.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 104.00% |
| 26) 1,2-Dichloroethane-d4      | 5.75   | 65    | 101425   | 5.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 104.40% |
| 32) Benzene-d6                 | 5.77   | 84    | 377699   | 5.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 106.40% |
| 36) 1,2-Dichloropropane-d6     | 6.73   | 67    | 119672   | 5.35     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 107.00% |
| 41) Toluene-d8                 | 7.93   | 98    | 314164   | 4.71     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 94.20%  |
| 43) trans-1,3-Dichloropropene- | 8.21   | 79    | 45272    | 4.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 98.40%  |
| 46) 2-Hexanone-d5              | 8.67   | 63    | 172469   | 49.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 98.06%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78  | 84    | 98495    | 4.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 96.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.21  | 152   | 122875   | 5.47     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 109.40% |

## Target Compounds

|                            |      |    |        |        | Ovalue   |
|----------------------------|------|----|--------|--------|----------|
| 13) Acetone                | 2.67 | 43 | 10967  | 2.920  | ug/L 100 |
| 22) cis-1,2-Dichloroethene | 4.72 | 96 | 19212  | 0.882  | ug/L 99  |
| 34) Trichloroethene        | 6.58 | 95 | 227634 | 10.178 | ug/L 99  |
| 42) Toluene                | 8.00 | 91 | 26303  | 0.283  | ug/L 98  |

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

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