

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121219\  
 Data File : VU036161.D  
 Acq On : 12 Dec 2019 20:23  
 Operator : JC/MD  
 Sample : K6273-04  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFDQ1

Manual Integrations  
 APPROVED

apatel  
 12/13/2019 3:58:41 PM

Quant Time: Dec 13 03:33:20 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR121219WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Dec 13 02:41:23 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.30  | 114  | 231613   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 256251   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152  | 98748    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 143622   | 6.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 122.40% |
| 7) Chloroethane-d5             | 1.93   | 69    | 123792   | 6.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 120.00% |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 188794   | 6.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 121.80% |
| 20) 2-Butanone-d5              | 4.77   | 46    | 230420   | 61.10    | ug/L | 0.07    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 122.20% |
| 24) Chloroform-d               | 5.12   | 84    | 199928   | 5.86     | ug/L | 0.01    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 117.20% |
| 26) 1,2-Dichloroethane-d4      | 5.76   | 65    | 105532   | 6.11     | ug/L | 0.01    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 122.20% |
| 32) Benzene-d6                 | 5.78   | 84    | 349617   | 5.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 102.20% |
| 36) 1,2-Dichloropropane-d6     | 6.74   | 67    | 118108   | 5.54     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 110.80% |
| 41) Toluene-d8                 | 7.94   | 98    | 289016   | 4.57     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 91.40%  |
| 43) trans-1,3-Dichloropropene- | 8.21   | 79    | 44555    | 5.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 100.00% |
| 46) 2-Hexanone-d5              | 8.68   | 63    | 180254   | 55.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 110.06% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78  | 84    | 108950   | 5.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 114.60% |
| 64) 1,2-Dichlorobenzene-d4     | 12.21  | 152   | 107066   | 5.71     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 114.20% |

| Target Compounds |      |    |        |            | Ovalue |
|------------------|------|----|--------|------------|--------|
| 3) Chloromethane | 1.53 | 50 | 4109   | 0.124 ug/L | 85     |
| 13) Acetone      | 2.77 | 43 | 16124m | 4.915 ug/L |        |

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

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