

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111020\  
 Data File : VU041186.D  
 Acq On : 10 Nov 2020 18:47  
 Operator : SY/MD  
 Sample : L4646-21  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GB0W5

Manual Integrations  
 APPROVED

MMDadoda  
 11/11/2020 9:59:32 AM

Quant Time: Nov 11 03:35:37 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR102620WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Nov 11 00:43:53 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 52220    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 53581    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 25086    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 14681    | 3.35     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 67.00%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 13646    | 4.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 81.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 23360    | 2.71     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 54.20%# |
| 20) 2-Butanone-d5              | 4.65   | 46    | 80053    | 55.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 110.82% |
| 24) Chloroform-d               | 5.08   | 84    | 38704    | 4.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 99.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 25185    | 5.24     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 104.80% |
| 32) Benzene-d6                 | 5.75   | 84    | 63258    | 4.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 88.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 22378    | 4.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 96.00%  |
| 41) Toluene-d8                 | 7.91   | 98    | 50804    | 3.91     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 78.20%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 8765     | 4.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 86.60%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 55596    | 51.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 102.12% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 22585    | 5.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 104.20% |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 23383    | 5.31     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 106.20% |

## Target Compounds

|                     |      |     |       |       | Ovalue |
|---------------------|------|-----|-------|-------|--------|
| 13) Acetone         | 2.66 | 43  | 1809m | 1.832 | ug/L   |
| 33) Benzene         | 5.80 | 78  | 4386  | 0.274 | ug/L   |
| 34) Trichloroethene | 6.55 | 95  | 3805  | 0.934 | ug/L   |
| 52) Ethylbenzene    | 9.57 | 91  | 950   | 0.056 | ug/L # |
| 53) m,p-Xylene      | 9.70 | 106 | 3092  | 0.496 | ug/L   |

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

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