

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121520\  
 Data File : VU041631.D  
 Acq On : 15 Dec 2020 13:09  
 Operator : SY/MD  
 Sample : L5029-04 50X  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GB1K4

Quant Time: Dec 16 03:10:22 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR121220WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Dec 16 02:41:48 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 130898   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 129987   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 60872    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 27950    | 2.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 54.60%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 30343    | 3.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 76.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 46227    | 2.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 49.00%# |
| 20) 2-Butanone-d5              | 4.66   | 46    | 125460   | 42.68    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 85.36%  |
| 24) Chloroform-d               | 5.08   | 84    | 72693    | 4.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 83.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.71   | 65    | 43252    | 4.35     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 87.00%  |
| 32) Benzene-d6                 | 5.74   | 84    | 140555   | 3.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 75.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 46041    | 3.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 79.00%  |
| 41) Toluene-d8                 | 7.90   | 98    | 119182   | 3.55     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 71.00%  |
| 43) trans-1,3-Dichloropropene- | 8.18   | 79    | 18740    | 3.57     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 71.40%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 102063   | 35.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 71.16%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 45352    | 4.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 85.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 48329    | 4.47     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 89.40%  |

## Target Compounds

| Target Compounds       | R.T. | QIon | Response | Conc   | Units  | Ovalue |
|------------------------|------|------|----------|--------|--------|--------|
| 16) Methylene chloride | 3.06 | 84   | 1572     | 0.148  | ug/L   | 76     |
| 34) Trichloroethene    | 6.56 | 95   | 1104     | 0.106  | ug/L   | 96     |
| 42) Toluene            | 7.97 | 91   | 1582     | 0.037  | ug/L   | 96     |
| 47) Tetrachloroethene  | 8.56 | 164  | 261389   | 35.744 | ug/L   | 97     |
| 51) Chlorobenzene      | 9.45 | 112  | 2033     | 0.076  | ug/L # | 84     |

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

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