

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122520\  
 Data File : VU041808.D  
 Acq On : 24 Dec 2020 15:54  
 Operator : SY/MD  
 Sample : L5161-22  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK01

Quant Time: Dec 25 04:24:00 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR121220WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Dec 25 03:47:04 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 129212   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 124651   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 55561    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 38487    | 3.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 76.20%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 39943    | 5.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 102.20% |
| 11) 1,1-Dichloroethene-d2      | 2.57   | 63    | 58883    | 3.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 63.40%  |
| 20) 2-Butanone-d5              | 4.66   | 46    | 140620   | 48.46    | ug/L | 0.01    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 96.92%  |
| 24) Chloroform-d               | 5.08   | 84    | 82552    | 4.77     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 47327    | 4.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 96.40%  |
| 32) Benzene-d6                 | 5.74   | 84    | 157381   | 4.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 88.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 50879    | 4.55     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 91.00%  |
| 41) Toluene-d8                 | 7.90   | 98    | 126290   | 3.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 78.40%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 20828    | 4.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 82.80%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 122621   | 44.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 89.16%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 49155    | 4.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 96.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 49969    | 5.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 101.20% |

| Target Compounds       |      |    |      |            | Ovalue |
|------------------------|------|----|------|------------|--------|
| 16) Methylene chloride | 3.05 | 84 | 2028 | 0.194 ug/L | 92     |

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

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