

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101720\  
 Data File : VU040773.D  
 Acq On : 17 Oct 2020 20:04  
 Operator : SY/MD  
 Sample : L4423-01  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFSF7

Manual Integrations  
 APPROVED

apatel  
 10/22/2020 9:09:42 AM

Quant Time: Oct 19 04:08:43 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR100820WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Oct 19 03:08:11 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 102808   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 109130   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 43615    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 32771    | 3.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 77.00%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 32508    | 4.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 99.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 54207    | 3.25     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 65.00%  |
| 20) 2-Butanone-d5              | 4.67   | 46    | 168525   | 61.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 123.64% |
| 24) Chloroform-d               | 5.08   | 84    | 81046    | 5.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 108.40% |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 51218    | 5.62     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 112.40% |
| 32) Benzene-d6                 | 5.74   | 84    | 140595   | 4.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 52107    | 5.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 106.60% |
| 41) Toluene-d8                 | 7.91   | 98    | 105200   | 3.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 79.80%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 19185    | 4.63     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 92.60%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 113395   | 53.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 106.32% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 47017    | 5.36     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 107.20% |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 46163    | 5.71     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 114.20% |

| Target Compounds |      |    |        |            | Ovalue |
|------------------|------|----|--------|------------|--------|
| 3) Chloromethane | 1.53 | 50 | 17416  | 1.999 ug/L | 100    |
| 13) Acetone      | 2.69 | 43 | 10511m | 4.974 ug/L |        |

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

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