

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU072120\  
 Data File : VU039599.D  
 Acq On : 21 Jul 2020 16:10  
 Operator : SY/MD  
 Sample : L3348-06  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GAXZ0

Manual Integrations  
 APPROVED

MMDadoda  
 7/27/2020 8:10:09 AM

Quant Time: Jul 22 02:53:09 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR072120WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Jul 22 02:01:33 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.27  | 114  | 118806   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 113230   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 52864    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 35722    | 6.48     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 129.60% |
| 7) Chloroethane-d5             | 1.93   | 69    | 34789    | 5.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 115.60% |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 58390    | 4.71     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 94.20%  |
| 20) 2-Butanone-d5              | 4.66   | 46    | 133147   | 53.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 107.06% |
| 24) Chloroform-d               | 5.09   | 84    | 73893    | 5.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 105.60% |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 48120    | 5.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 104.20% |
| 32) Benzene-d6                 | 5.75   | 84    | 147737   | 5.43     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 108.60% |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 47774    | 5.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 106.60% |
| 41) Toluene-d8                 | 7.91   | 98    | 133010   | 5.16     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 103.20% |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 18740    | 4.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 96.20%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 97750    | 51.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 102.64% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.76  | 84    | 40329    | 4.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 97.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 49067    | 5.16     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 103.20% |

## Target Compounds

|                      |       |     |       |       | Qvalue |
|----------------------|-------|-----|-------|-------|--------|
| 13) Acetone          | 2.67  | 43  | 5227m | 3.776 | ug/L   |
| 14) Carbon disulfide | 2.81  | 76  | 5865  | 0.347 | ug/L   |
| 42) Toluene          | 7.98  | 91  | 7300  | 0.245 | ug/L   |
| 52) Ethylbenzene     | 9.57  | 91  | 2394  | 0.071 | ug/L   |
| 53) m,p-Xylene       | 9.69  | 106 | 1854  | 0.147 | ug/L   |
| 54) o-Xylene         | 10.10 | 106 | 768   | 0.062 | ug/L   |

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

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