

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072220\  
 Data File : VU039625.D  
 Acq On : 22 Jul 2020 12:56  
 Operator : SY/MD  
 Sample : L3347-11DL 5X  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GAY03DL

Manual Integrations  
 APPROVED

MMDadoda  
 7/23/2020 12:09:39 PM

Quant Time: Jul 23 02:18:53 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR072120WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Jul 23 01:28:13 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.27  | 114  | 115960   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 109080   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 50819    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 26791    | 4.98     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 99.60% |
| 7) Chloroethane-d5             | 1.92   | 69    | 24687    | 4.20     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 84.00% |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 46242    | 3.82     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 76.40% |
| 20) 2-Butanone-d5              | 4.66   | 46    | 108440   | 44.67    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 89.34% |
| 24) Chloroform-d               | 5.08   | 84    | 54890    | 4.02     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 80.40% |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 37840    | 4.20     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 84.00% |
| 32) Benzene-d6                 | 5.75   | 84    | 113434   | 4.33     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 86.60% |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 37115    | 4.30     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 86.00% |
| 41) Toluene-d8                 | 7.91   | 98    | 99930    | 4.02     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 80.40% |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 13974    | 3.72     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 74.40% |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 74925    | 40.83    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 81.66% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.76  | 84    | 31607    | 3.94     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 78.80% |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 38748    | 4.24     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 84.80% |

| Target Compounds      |      |     |       | Ovalue         |
|-----------------------|------|-----|-------|----------------|
| 13) Acetone           | 2.67 | 43  | 2866m | 2.121 ug/L     |
| 25) Chloroform        | 5.11 | 83  | 5964  | 0.419 ug/L 96  |
| 42) Toluene           | 7.97 | 91  | 2775  | 0.097 ug/L 100 |
| 47) Tetrachloroethene | 8.56 | 164 | 27310 | 5.531 ug/L 93  |

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

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