

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082120\  
 Data File : VU039932.D  
 Acq On : 21 Aug 2020 16:50  
 Operator : SY/MD  
 Sample : L3776-08  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F4Y07

Manual Integrations  
 APPROVED

sam  
 8/24/2020 5:55:49 PM

Quant Time: Aug 22 02:07:08 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR081920WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Aug 22 00:45:05 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 73361    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 77925    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 33778    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 29657    | 4.63     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 92.60%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 27650    | 5.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 104.40% |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 36587    | 2.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 59.00%# |
| 20) 2-Butanone-d5              | 4.65   | 46    | 108401   | 52.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 105.86% |
| 24) Chloroform-d               | 5.08   | 84    | 60170    | 5.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 104.00% |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 35672    | 5.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 104.20% |
| 32) Benzene-d6                 | 5.74   | 84    | 114974   | 4.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 99.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 37445    | 4.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 97.80%  |
| 41) Toluene-d8                 | 7.91   | 98    | 91030    | 4.48     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 89.60%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 14173    | 4.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 88.20%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 77958    | 47.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 95.68%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 31095    | 4.57     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 91.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 38086    | 5.72     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 114.40% |

| Target Compounds            |      |    |        | Ovalue          |
|-----------------------------|------|----|--------|-----------------|
| 13) Acetone                 | 2.66 | 43 | 28177m | 20.136 ug/L     |
| 17) Methyl tert-butyl Ether | 3.39 | 73 | 8780   | 0.543 ug/L # 90 |
| 19) 1,1-Dichloroethane      | 3.89 | 63 | 136525 | 11.051 ug/L 99  |

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082120\  
Data File : VU039932.D  
Acq On : 21 Aug 2020 16:50  
Operator : SY/MD  
Sample : L3776-08  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
F4Y07

Manual Integrations  
APPROVED

sam  
8/24/2020 5:55:49 PM

Quant Time: Aug 22 02:07:08 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR081920WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Sat Aug 22 00:45:05 2020  
Response via : Initial Calibration

