

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U052720\  
 Data File : VU038327.D  
 Acq On : 27 May 2020 17:42  
 Operator : JC/MD  
 Sample : L2749-14  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BE4X8

Quant Time: May 28 05:47:56 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR050720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu May 28 04:16:01 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 299093   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 290682   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 145983   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 89777    | 3.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 65.60%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 82782    | 3.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 70.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 137710   | 3.01     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 60.20%  |
| 20) 2-Butanone-d5              | 4.67   | 46    | 363747   | 53.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 107.78% |
| 24) Chloroform-d               | 5.10   | 84    | 200162   | 4.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 117395   | 4.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 98.80%  |
| 32) Benzene-d6                 | 5.76   | 84    | 417391   | 4.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 133329   | 4.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 94.80%  |
| 41) Toluene-d8                 | 7.92   | 98    | 368280   | 4.71     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 94.20%  |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 49504    | 4.40     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 88.00%  |
| 46) 2-Hexanone-d5              | 8.65   | 63    | 296236   | 55.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 111.42% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 111847   | 5.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 100.80% |
| 64) 1,2-Dichlorobenzene-d4     | 12.20  | 152   | 149068   | 5.25     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 105.00% |

## Target Compounds

|                            |       |     |        |            | Ovalue |
|----------------------------|-------|-----|--------|------------|--------|
| 13) Acetone                | 2.66  | 43  | 4772   | 1.127 ug/L | 96     |
| 22) cis-1,2-Dichloroethene | 4.71  | 96  | 3600   | 0.147 ug/L | 99     |
| 33) Benzene                | 5.81  | 78  | 12158  | 0.131 ug/L | 100    |
| 42) Toluene                | 7.99  | 91  | 34487  | 0.351 ug/L | 98     |
| 51) Chlorobenzene          | 9.47  | 112 | 292687 | 4.800 ug/L | 99     |
| 56) Isopropylbenzene       | 10.50 | 105 | 54596  | 0.539 ug/L | 98     |
| 63) 1,4-Dichlorobenzene    | 11.85 | 146 | 48885  | 1.016 ug/L | 98     |
| 65) 1,2-Dichlorobenzene    | 12.22 | 146 | 11393  | 0.249 ug/L | 96     |

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

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