

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110220\  
 Data File : VU041044.D  
 Acq On : 02 Nov 2020 12:42  
 Operator : SY/MD  
 Sample : L4550-04  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFSG6

Quant Time: Nov 03 01:01:41 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR102620WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Nov 03 00:40:40 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 49617    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 50384    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 22681    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 21259    | 5.10     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 102.00% |
| 7) Chloroethane-d5             | 1.92   | 69    | 16398    | 5.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 102.40% |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 30968    | 3.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 75.80%  |
| 20) 2-Butanone-d5              | 4.64   | 46    | 88846    | 64.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 129.44% |
| 24) Chloroform-d               | 5.08   | 84    | 37884    | 5.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 102.80% |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 25853    | 5.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 113.20% |
| 32) Benzene-d6                 | 5.74   | 84    | 71837    | 5.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 106.60% |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 24856    | 5.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 113.20% |
| 41) Toluene-d8                 | 7.91   | 98    | 60621    | 4.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 99.20%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 10176    | 5.35     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 107.00% |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 63198    | 61.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 123.44% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 23093    | 5.67     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 113.40% |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 23778    | 5.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 119.60% |

## Target Compounds

|                      |      |    |       |               | Ovalue |
|----------------------|------|----|-------|---------------|--------|
| 3) Chloromethane     | 1.53 | 50 | 2811  | 0.595 ug/L    | 98     |
| 13) Acetone          | 2.65 | 43 | 16660 | 17.752 ug/L # | 57     |
| 14) Carbon disulfide | 2.81 | 76 | 1839  | 0.157 ug/L #  | 74     |
| 21) 2-Butanone       | 4.73 | 43 | 3302  | 2.251 ug/L    | 81     |
| 42) Toluene          | 7.97 | 91 | 2041  | 0.134 ug/L    | 97     |

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

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