

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101520\  
 Data File : VU040733.D  
 Acq On : 15 Oct 2020 20:10  
 Operator : SY/MD  
 Sample : L4354-06  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETZ16

Quant Time: Oct 16 06:04:21 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR100820WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Oct 16 04:23:22 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 110524   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 111545   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 48568    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 45369    | 4.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 99.00%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 36917    | 5.23     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 104.60% |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 66836    | 3.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 74.60%  |
| 20) 2-Butanone-d5              | 4.66   | 46    | 177977   | 60.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 121.46% |
| 24) Chloroform-d               | 5.08   | 84    | 89261    | 5.55     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 111.00% |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 55653    | 5.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 113.60% |
| 32) Benzene-d6                 | 5.75   | 84    | 160131   | 5.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 106.40% |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 53563    | 5.36     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 107.20% |
| 41) Toluene-d8                 | 7.91   | 98    | 125761   | 4.67     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 93.40%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 20111    | 4.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 95.00%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 113464   | 52.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 104.08% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 49583    | 5.53     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 110.60% |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 53731    | 5.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 119.40% |

## Target Compounds

| Target Compounds             | R.T. | QIon | Response | Conc    | Units  | Ovalue |
|------------------------------|------|------|----------|---------|--------|--------|
| 5) Vinyl chloride            | 1.61 | 62   | 232011   | 23.525  | ug/L # | 67     |
| 12) 1,1-Dichloroethene       | 2.59 | 96   | 6721     | 0.852   | ug/L # | 1      |
| 18) trans-1,2-Dichloroethene | 3.37 | 96   | 46707    | 5.658   | ug/L   | 97     |
| 22) cis-1,2-Dichloroethene   | 4.69 | 96   | 2753139  | 309.265 | ug/L   | 99     |
| 30) Cyclohexane              | 5.41 | 56   | 1320     | 0.096   | ug/L # | 22     |
| 34) Trichloroethene          | 6.56 | 95   | 1377     | 0.148   | ug/L   | 89     |
| 52) Ethylbenzene             | 9.57 | 91   | 2168     | 0.055   | ug/L # | 75     |
| 53) m,p-Xylene               | 9.70 | 106  | 3629     | 0.252   | ug/L   | 96     |

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

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