

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122820\  
 Data File : VU041826.D  
 Acq On : 28 Dec 2020 14:16  
 Operator : SY/MD  
 Sample : L5175-01  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 X2T92

Quant Time: Dec 29 08:39:51 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SFAMUTR122820WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Dec 29 01:00:42 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 155547   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 153153   | 5.00 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 72952    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 63552    | 5.16     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 103.20% |
| 7) Chloroethane-d5             | 1.92   | 69    | 57354    | 4.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 98.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.57   | 65    | 29216    | 4.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 95.20%  |
| 20) 2-Butanone-d5              | 4.66   | 46    | 196160   | 56.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 112.68% |
| 24) Chloroform-d               | 5.08   | 84    | 119529   | 5.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 105.40% |
| 26) 1,2-Dichloroethane-d4      | 5.71   | 65    | 62877    | 5.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 100.00% |
| 32) Benzene-d6                 | 5.74   | 84    | 223717   | 5.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 101.60% |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 63494    | 4.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 93.20%  |
| 41) Toluene-d8                 | 7.90   | 98    | 183889   | 4.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 89.80%  |
| 43) trans-1,3-Dichloropropene- | 8.18   | 79    | 27180    | 4.72     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 94.40%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 149174   | 48.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 97.16%  |
| 56) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 60205    | 4.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 93.80%  |
| 66) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 72141    | 5.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 104.00% |

## Target Compounds

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Ovalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) Dichlorodifluoromethane     | 1.39  | 85   | 96078    | 6.748  | ug/L  | 98     |
| 5) Vinyl chloride              | 1.61  | 62   | 216684   | 13.661 | ug/L  | 99     |
| 12) 1,1-Dichloroethene         | 2.59  | 96   | 54294    | 4.436  | ug/L  | 94     |
| 18) trans-1,2-Dichloroethene   | 3.37  | 96   | 27921    | 2.358  | ug/L  | 97     |
| 19) 1,1-Dichloroethane         | 3.88  | 63   | 34284    | 1.631  | ug/L  | 96     |
| 25) Chloroform                 | 5.10  | 83   | 142831   | 6.730  | ug/L  | 97     |
| 29) 1,1,1-Trichloroethane      | 5.33  | 97   | 41832    | 2.284  | ug/L  | 98     |
| 34) Trichloroethene            | 6.55  | 95   | 38252    | 3.205  | ug/L  | 98     |
| 37) 1,2-Dichloropropane        | 6.80  | 63   | 89808    | 7.917  | ug/L  | 100    |
| 38) Bromodichloromethane       | 7.11  | 83   | 46734    | 3.137  | ug/L  | 99     |
| 47) Tetrachloroethene          | 8.56  | 164  | 37983    | 4.071  | ug/L  | 98     |
| 49) Dibromochloromethane       | 8.81  | 129  | 115941   | 10.493 | ug/L  | 97     |
| 50) 1,2-Dibromoethane          | 8.92  | 107  | 59396    | 6.531  | ug/L  | 98     |
| 51) Chlorobenzene              | 9.45  | 112  | 602547   | 19.079 | ug/L  | 98     |
| 59) Bromoform                  | 10.29 | 173  | 108575   | 17.273 | ug/L  | 98     |
| 65) 1,4-Dichlorobenzene        | 11.83 | 146  | 191459   | 8.534  | ug/L  | 100    |
| 68) 1,2-Dibromo-3-chloropropan | 12.99 | 75   | 20385    | 10.813 | ug/L  | 94     |

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|--------------------|------|------|----------|------|-------|----------|
|--------------------|------|------|----------|------|-------|----------|

|       |  |  |  |  |  |  |
|-------|--|--|--|--|--|--|
| ----- |  |  |  |  |  |  |
| ----- |  |  |  |  |  |  |

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

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