

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071620\  
 Data File : VU039532.D  
 Acq On : 16 Jul 2020 18:23  
 Operator : SY/MD  
 Sample : L3292-15DL 20X  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFT90DL

Manual Integrations  
 APPROVED

MMDadoda  
 7/20/2020 12:10:03 PM

Quant Time: Jul 18 03:37:38 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR070720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Jul 17 23:38:36 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.27  | 114  | 91516    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 88560    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 40796    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 19811    | 3.74     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 74.80% |
| 7) Chloroethane-d5             | 1.93   | 69    | 24056    | 4.43     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 88.60% |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 34346    | 3.29     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 65.80% |
| 20) 2-Butanone-d5              | 4.66   | 46    | 108765   | 44.82    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 89.64% |
| 24) Chloroform-d               | 5.08   | 84    | 48884    | 4.33     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 86.60% |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 33145    | 4.68     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 93.60% |
| 32) Benzene-d6                 | 5.75   | 84    | 95281    | 4.47     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.40% |
| 36) 1,2-Dichloropropane-d6     | 6.71   | 67    | 33344    | 4.45     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 89.00% |
| 41) Toluene-d8                 | 7.91   | 98    | 83800    | 4.53     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 90.60% |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 12338    | 3.73     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 74.60% |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 76082    | 38.78    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 77.56% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.76  | 84    | 29992    | 4.04     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 80.80% |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 32807    | 4.51     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 90.20% |

## Target Compounds

| Target Compounds               | R.T. | QIon | Response | Conc  | Units | Ovalue |
|--------------------------------|------|------|----------|-------|-------|--------|
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.61 | 101  | 1983m    | 0.373 | ug/L  |        |
| 12) 1,1-Dichloroethene         | 2.60 | 96   | 2545     | 0.468 | ug/L  | # 1    |
| 16) Methylene chloride         | 3.07 | 84   | 4032     | 0.589 | ug/L  | 97     |
| 25) Chloroform                 | 5.11 | 83   | 3953     | 0.332 | ug/L  | 96     |
| 34) Trichloroethene            | 6.56 | 95   | 16173    | 2.363 | ug/L  | 97     |
| 47) Tetrachloroethene          | 8.56 | 164  | 35309    | 7.416 | ug/L  | 99     |

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

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