

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070220\  
 Data File : VV017302.D  
 Acq On : 02 Jul 2020 11:48  
 Operator : SY/MD  
 Sample : L3150-09DL 5X  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ETYJ4DL

Quant Time: Jul 03 04:19:54 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR061720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Jul 03 01:13:36 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 167374   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 163000   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 75391    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 46866    | 4.66     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 93.20% |
| 7) Chloroethane-d5             | 1.58   | 69    | 35894    | 4.91     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 98.20% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 74547    | 3.90     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 78.00% |
| 20) 2-Butanone-d5              | 3.92   | 46    | 104163   | 40.69    | ug/L | -0.03  |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 81.38% |
| 24) Chloroform-d               | 4.38   | 84    | 100186   | 4.66     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.20% |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 53076    | 4.66     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 93.20% |
| 32) Benzene-d6                 | 5.08   | 84    | 187716   | 4.44     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 88.80% |
| 36) 1,2-Dichloropropane-d6     | 6.10   | 67    | 53446    | 4.22     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 84.40% |
| 41) Toluene-d8                 | 7.34   | 98    | 164759   | 4.15     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 83.00% |
| 45) trans-1,3-Dichloropropene- | 7.64   | 79    | 20379    | 3.87     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 77.40% |
| 48) 2-Hexanone-d5              | 8.11   | 63    | 64973    | 32.34    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 64.68% |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 35193    | 4.18     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 83.60% |
| 65) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 62161    | 4.46     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 89.20% |

| Target Compounds           |      |    |       |            | Ovalue |
|----------------------------|------|----|-------|------------|--------|
| 16) Methylene chloride     | 2.53 | 84 | 4114  | 0.478 ug/L | 90     |
| 22) cis-1,2-Dichloroethene | 3.95 | 96 | 3698  | 0.318 ug/L | 99     |
| 34) Trichloroethene        | 5.94 | 95 | 93984 | 7.519 ug/L | 95     |

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

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