

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV110519\  
 Data File : VV013486.D  
 Acq On : 05 Nov 2019 13:49  
 Operator : SY/MD  
 Sample : VV1105WBL01  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK47

Quant Time: Nov 06 02:25:35 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR103119WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Nov 06 02:12:23 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 461224   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 484750   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 230026   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 144318   | 4.25     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 85.00%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 127116   | 4.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 89.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 198843   | 3.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 65.40%  |
| 20) 2-Butanone-d5              | 3.96   | 46    | 462029   | 43.87    | ug/L | 0.01    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 87.74%  |
| 24) Chloroform-d               | 4.39   | 84    | 372858   | 4.57     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 91.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 199435   | 4.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 94.00%  |
| 32) Benzene-d6                 | 5.09   | 84    | 737440   | 4.60     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 92.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.11   | 67    | 236642   | 4.71     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 94.20%  |
| 41) Toluene-d8                 | 7.35   | 98    | 632528   | 4.25     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 85.00%  |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 80777    | 4.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 80.00%  |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 297950   | 40.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 80.36%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 159015   | 4.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 82.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 239599   | 5.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 102.40% |

| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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