

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042820\  
 Data File : VV015744.D  
 Acq On : 28 Apr 2020 14:02  
 Operator : SY/MD  
 Sample : VV0428WBL01  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK47

Quant Time: Apr 29 01:05:25 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR042220WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Apr 29 00:40:59 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 133201   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 130422   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 61397    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31   | 65    | 38936    | 5.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 111.80% |
| 7) Chloroethane-d5             | 1.57   | 69    | 34211    | 5.10     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 102.00% |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 56036    | 3.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 73.60%  |
| 20) 2-Butanone-d5              | 3.94   | 46    | 90778    | 40.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 81.22%  |
| 24) Chloroform-d               | 4.37   | 84    | 64657    | 3.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 79.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 40100    | 4.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 88.40%  |
| 32) Benzene-d6                 | 5.07   | 84    | 136867   | 4.40     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 88.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.09   | 67    | 42953    | 4.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 86.40%  |
| 41) Toluene-d8                 | 7.33   | 98    | 121365   | 4.10     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 82.00%  |
| 43) trans-1,3-Dichloropropene- | 7.64   | 79    | 14158    | 3.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 73.60%  |
| 46) 2-Hexanone-d5              | 8.11   | 63    | 67690    | 36.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 72.18%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 28589    | 3.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 77.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 44211    | 4.24     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 84.80%  |

| Target Compounds       |      |    |      |            | Ovalue |
|------------------------|------|----|------|------------|--------|
| 16) Methylene chloride | 2.52 | 84 | 1830 | 0.191 ug/L | 89     |
| 25) Chloroform         | 4.40 | 83 | 7884 | 0.436 ug/L | 100    |

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

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