

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091019\  
 Data File : VV012650.D  
 Acq On : 10 Sep 2019 12:03  
 Operator : SY/MD  
 Sample : K4724-06DL 5X  
 Misc : 25mL/MSVOA V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFDA7DL

Quant Time: Sep 11 05:33:07 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR090919WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Sep 11 05:21:41 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 478027   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 467433   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 181499   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 138981   | 4.29     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 85.80%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 124203   | 4.63     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 92.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 168561   | 3.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 64.40%  |
| 20) 2-Butanone-d5              | 3.93   | 46    | 369595   | 47.36    | ug/L | -0.03   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 94.72%  |
| 24) Chloroform-d               | 4.40   | 84    | 265173   | 4.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 90.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 134628   | 4.77     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 95.40%  |
| 32) Benzene-d6                 | 5.09   | 84    | 505617   | 4.53     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 90.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.11   | 67    | 172033   | 4.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 97.00%  |
| 41) Toluene-d8                 | 7.36   | 98    | 403857   | 4.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 80.80%  |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 51771    | 4.25     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 85.00%  |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 184171   | 39.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 79.80%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 107899   | 4.24     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 84.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 159965   | 5.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 103.00% |

| Target Compounds      |      |     |        |            | Ovalue |
|-----------------------|------|-----|--------|------------|--------|
| 34) Trichloroethene   | 5.96 | 95  | 175361 | 4.645 ug/L | 99     |
| 47) Tetrachloroethene | 8.02 | 164 | 36110  | 1.219 ug/L | 96     |

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

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