

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062219\  
 Data File : VV011681.D  
 Acq On : 21 Jun 2019 13:38  
 Operator : SY/MD  
 Sample : K3415-02DL 40X  
 Misc : 25ML/MSVOA V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GALN9DL

Quant Time: Jun 24 04:12:09 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR062119WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Jun 24 03:42:07 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 151100   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 138939   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 57509    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 47745    | 4.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 95.20%  |
| 7) Chloroethane-d5             | 1.56   | 69    | 33185    | 4.71     | ug/L | -0.02   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 94.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 74336    | 3.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 73.00%  |
| 20) 2-Butanone-d5              | 3.95   | 46    | 159865   | 60.51    | ug/L | -0.01   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 121.02% |
| 24) Chloroform-d               | 4.40   | 84    | 92995    | 5.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 101.60% |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 61013    | 5.55     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 111.00% |
| 32) Benzene-d6                 | 5.09   | 84    | 200525   | 5.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 103.40% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 64067    | 5.37     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 107.40% |
| 41) Toluene-d8                 | 7.36   | 98    | 173185   | 4.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 98.80%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 20096    | 4.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 96.40%  |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 116429   | 59.48    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 118.96% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 46847    | 5.64     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 112.80% |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 58222    | 5.37     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 107.40% |

| Target Compounds         |      |     |        |            | Ovalue |
|--------------------------|------|-----|--------|------------|--------|
| 31) Carbon tetrachloride | 4.87 | 117 | 123559 | 8.171 ug/L | 99     |

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

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