

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\U112619\  
 Data File : VU035865.D  
 Acq On : 26 Nov 2019 18:30  
 Operator : JC/SP  
 Sample : K5992-13DL 40X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GARF4DL

Quant Time: Nov 27 03:46:26 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR112119WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Nov 27 03:16:13 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 212308   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 251028   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152  | 95142    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 152999   | 5.52     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 110.40% |
| 7) Chloroethane-d5             | 1.93   | 69    | 135209   | 5.63     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 112.60% |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 181188   | 3.51     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 70.20%  |
| 20) 2-Butanone-d5              | 4.70   | 46    | 364546   | 56.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 113.60% |
| 24) Chloroform-d               | 5.11   | 84    | 238603   | 5.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 101.60% |
| 26) 1,2-Dichloroethane-d4      | 5.75   | 65    | 137716   | 5.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 104.40% |
| 32) Benzene-d6                 | 5.77   | 84    | 458780   | 4.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.74   | 67    | 162596   | 5.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 100.80% |
| 41) Toluene-d8                 | 7.93   | 98    | 368330   | 4.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 83.40%  |
| 43) trans-1,3-Dichloropropene- | 8.21   | 79    | 53986    | 4.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 86.00%  |
| 46) 2-Hexanone-d5              | 8.68   | 63    | 263754   | 52.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 104.52% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.79  | 84    | 128649   | 4.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 94.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.22  | 152   | 112368   | 5.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 108.80% |

| Target Compounds    |      |    |        |            | Qvalue |
|---------------------|------|----|--------|------------|--------|
| 34) Trichloroethene | 6.58 | 95 | 176349 | 6.864 ug/L | 99     |

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

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