

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061019\  
 Data File : VV011397.D  
 Acq On : 11 Jun 2019 17:02  
 Operator : SY/MD  
 Sample : K3226-17DL 40X  
 Misc : 25ML/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFCP1DL

Quant Time: Jun 12 04:11:49 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR060419WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Jun 12 02:48:56 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 152540   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 143559   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 54638    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 33802    | 2.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 58.40%  |
| 7) Chloroethane-d5             | 1.55   | 69    | 34835    | 3.63     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 72.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.11   | 63    | 59724    | 2.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 51.80%# |
| 20) 2-Butanone-d5              | 3.94   | 46    | 125901   | 48.38    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 96.76%  |
| 24) Chloroform-d               | 4.39   | 84    | 82452    | 4.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 81.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.07   | 65    | 48130    | 4.38     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 87.60%  |
| 32) Benzene-d6                 | 5.09   | 84    | 157631   | 3.67     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 73.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.11   | 67    | 50810    | 3.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 76.80%  |
| 41) Toluene-d8                 | 7.35   | 98    | 133017   | 3.37     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 67.40%# |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 13555    | 2.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 53.80%# |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 94291    | 44.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 88.52%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 37306    | 4.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 82.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 46127    | 4.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 85.60%  |

## Target Compounds

|                              |      |    |       |            | Ovalue |
|------------------------------|------|----|-------|------------|--------|
| 5) Vinyl chloride            | 1.32 | 62 | 4212  | 0.300 ug/L | # 1    |
| 18) trans-1,2-Dichloroethene | 2.78 | 96 | 14306 | 1.330 ug/L | 93     |
| 22) cis-1,2-Dichloroethene   | 3.95 | 96 | 73161 | 6.139 ug/L | 97     |
| 34) Trichloroethene          | 5.95 | 95 | 94444 | 8.003 ug/L | 99     |

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

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