

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121319\  
 Data File : VV014051.D  
 Acq On : 13 Dec 2019 14:14  
 Operator : SY/MD  
 Sample : K6281-01  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFQX9

Manual Integrations  
 APPROVED

sam  
 12/16/2019 1:55:18 PM

Quant Time: Dec 14 03:54:31 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR112219WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Dec 14 03:25:09 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 352416   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 366833   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 151140   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 106381   | 4.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 97.60%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 98049    | 5.29     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 105.80% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 130658   | 3.56     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 71.20%  |
| 20) 2-Butanone-d5              | 3.96   | 46    | 285219   | 62.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 125.80% |
| 24) Chloroform-d               | 4.40   | 84    | 209046   | 4.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 106545   | 5.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 101.80% |
| 32) Benzene-d6                 | 5.10   | 84    | 386974   | 4.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 81.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.11   | 67    | 130525   | 4.63     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 92.60%  |
| 41) Toluene-d8                 | 7.36   | 98    | 289478   | 3.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 65.20%# |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 44629    | 4.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 81.40%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 167903   | 41.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 82.92%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.25  | 84    | 95995    | 4.91     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 98.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 129860   | 4.87     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 97.40%  |

## Target Compounds

|                        |      |    |        |            | Ovalue |
|------------------------|------|----|--------|------------|--------|
| 3) Chloromethane       | 1.25 | 50 | 5258   | 0.255 ug/L | 95     |
| 13) Acetone            | 2.22 | 43 | 22089m | 6.966 ug/L |        |
| 16) Methylene chloride | 2.54 | 84 | 5760   | 0.248 ug/L | 88     |
| 25) Chloroform         | 4.42 | 83 | 87601  | 2.163 ug/L | 96     |
| 42) Toluene            | 7.43 | 91 | 122259 | 1.267 ug/L | 97     |

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

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