

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121819\  
 Data File : VV014115.D  
 Acq On : 18 Dec 2019 12:35  
 Operator : SY/MD  
 Sample : K6314-12  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFF47

Quant Time: Dec 19 07:48:16 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM120219WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Dec 19 07:06:05 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 719404   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 704247   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 318433   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 215924   | 51.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 103.80% |
| 7) Chloroethane-d5             | 1.58    | 69    | 204239   | 47.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 94.06%  |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 301692   | 32.79    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 65.58%  |
| 21) 2-Butanone-d5              | 3.92    | 46    | 296689   | 101.31   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 101.31% |
| 24) Chloroform-d               | 4.40    | 84    | 425022   | 48.64    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.28%  |
| 26) 1,2-Dichloroethane-d4      | 5.08    | 65    | 271339   | 49.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.02%  |
| 32) Benzene-d6                 | 5.10    | 84    | 835184   | 45.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.54%  |
| 36) 1,2-Dichloropropane-d6     | 6.11    | 67    | 266854   | 48.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 97.44%  |
| 41) Toluene-d8                 | 7.36    | 98    | 707380   | 42.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 85.04%  |
| 43) trans-1,3-Dichloropropene- | 7.66    | 79    | 110508   | 41.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 82.92%  |
| 47) 2-Hexanone-d5              | 8.13    | 63    | 190651   | 93.21    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 93.21%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.25   | 84    | 356085   | 44.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 89.78%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67   | 152   | 296905   | 47.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 94.94%  |

| Target Compounds | Ovalue |
|------------------|--------|
| -----            |        |

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

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