

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121520\  
 Data File : VV019652.D  
 Acq On : 15 Dec 2020 16:23  
 Operator : SY/MD  
 Sample : L5099-02  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK01

Quant Time: Dec 16 01:03:25 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM121020WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Dec 16 00:27:25 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.62  | 114  | 629350   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.86  | 117  | 581341   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.25 | 152  | 271045   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 222130   | 49.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 98.44%  |
| 7) Chloroethane-d5             | 1.57    | 69    | 173728   | 48.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 97.62%  |
| 11) 1,1-Dichloroethene-d2      | 2.11    | 63    | 309966   | 37.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 74.02%  |
| 21) 2-Butanone-d5              | 3.90    | 46    | 317421   | 129.41   | ug/L | 0.01    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 129.41% |
| 24) Chloroform-d               | 4.35    | 84    | 377203   | 46.38    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.76%  |
| 26) 1,2-Dichloroethane-d4      | 5.04    | 65    | 262422   | 49.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.74%  |
| 32) Benzene-d6                 | 5.05    | 84    | 768134   | 49.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.08%  |
| 36) 1,2-Dichloropropane-d6     | 6.07    | 67    | 244683   | 50.38    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 100.76% |
| 41) Toluene-d8                 | 7.32    | 98    | 678299   | 48.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 97.18%  |
| 43) trans-1,3-Dichloropropene- | 7.62    | 79    | 117108   | 42.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 84.78%  |
| 47) 2-Hexanone-d5              | 8.09    | 63    | 218344   | 114.54   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 114.54% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.22   | 84    | 306540   | 46.66    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 93.32%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.63   | 152   | 245042   | 48.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 96.72%  |

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

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

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