

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090119\  
 Data File : VV012513.D  
 Acq On : 01 Sep 2019 16:37  
 Operator : SY/MD  
 Sample : K4605-06  
 Misc : 5mL/MSVOA V/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK02

Quant Time: Sep 02 05:13:44 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM090119WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Sep 02 04:16:56 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 315301   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 302924   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 117808   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 100042   | 47.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 95.94%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 109024   | 48.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 96.14%  |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 191646   | 33.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 67.54%  |
| 21) 2-Butanone-d5              | 3.94    | 46    | 179975   | 102.56   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 102.56% |
| 24) Chloroform-d               | 4.40    | 84    | 203795   | 47.08    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.16%  |
| 26) 1,2-Dichloroethane-d4      | 5.08    | 65    | 139680   | 50.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.32% |
| 32) Benzene-d6                 | 5.10    | 84    | 366734   | 51.13    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 102.26% |
| 36) 1,2-Dichloropropane-d6     | 6.12    | 67    | 131235   | 50.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 101.08% |
| 41) Toluene-d8                 | 7.36    | 98    | 322127   | 48.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 96.04%  |
| 43) trans-1,3-Dichloropropene- | 7.66    | 79    | 54745    | 47.08    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 94.16%  |
| 47) 2-Hexanone-d5              | 8.14    | 63    | 90814    | 89.09    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 89.09%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26   | 84    | 174093   | 47.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 95.18%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67   | 152   | 124245   | 54.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 108.84% |

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

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

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