

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090518\  
 Data File : VV007401.D  
 Acq On : 05 Sep 2018 22:53  
 Operator : SY/MD  
 Sample : J4719-14 50X  
 Misc : 5.0 mL/MSVOA V/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BEGF0

Quant Time: Sep 06 02:06:43 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM090418WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Sep 06 01:44:11 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 493872   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 490001   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 181127   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 149444   | 42.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 84.72%  |
| 7) Chloroethane-d5             | 1.56    | 69    | 121257   | 52.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 104.94% |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 204409   | 32.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 65.78%  |
| 21) 2-Butanone-d5              | 3.96    | 46    | 229302   | 79.91    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 79.91%  |
| 24) Chloroform-d               | 4.40    | 84    | 338485   | 46.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.78%  |
| 26) 1,2-Dichloroethane-d4      | 5.09    | 65    | 215528   | 48.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.92%  |
| 32) Benzene-d6                 | 5.10    | 84    | 652951   | 44.21    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.42%  |
| 36) 1,2-Dichloropropane-d6     | 6.12    | 67    | 229708   | 46.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 92.82%  |
| 41) Toluene-d8                 | 7.36    | 98    | 512432   | 40.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 80.62%  |
| 43) trans-1,3-Dichloropropene- | 7.67    | 79    | 89183    | 42.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 84.62%  |
| 47) 2-Hexanone-d5              | 8.14    | 63    | 166625   | 85.89    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 85.89%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27   | 84    | 322818   | 47.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 95.52%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68   | 152   | 199841   | 51.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 102.68% |

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

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

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