

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV101819\  
 Data File : VV013213.D  
 Acq On : 18 Oct 2019 20:00  
 Operator : SY/MD  
 Sample : K5404-05  
 Misc : 25.00ML/MSVOA\_V/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AB4

Manual Integrations  
 APPROVED

MMDadoda  
 11/1/2019 8:08:12 AM

Quant Time: Nov 01 03:55:54 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR101819WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Nov 01 02:14:39 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 438314   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 468037   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 241038   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 224396   | 4.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 99.60%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 183167   | 5.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 103.00% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 269033   | 3.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 77.20%  |
| 20) 2-Butanone-d5              | 3.95   | 46    | 443983   | 47.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 95.88%  |
| 24) Chloroform-d               | 4.40   | 84    | 427329   | 4.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 99.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 206202   | 5.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 100.80% |
| 32) Benzene-d6                 | 5.10   | 84    | 865086   | 4.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 263112   | 4.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 98.80%  |
| 41) Toluene-d8                 | 7.36   | 98    | 707251   | 4.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 89.00%  |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 87141    | 4.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 91.80%  |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 306457   | 40.13    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 80.26%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 178472   | 4.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 93.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 274179   | 5.37     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 107.40% |

| Target Compounds       |      |    |        |            | Qvalue |
|------------------------|------|----|--------|------------|--------|
| 3) Chloromethane       | 1.25 | 50 | 5602   | 0.106 ug/L | 99     |
| 13) Acetone            | 2.20 | 43 | 17737m | 3.911 ug/L |        |
| 16) Methylene chloride | 2.53 | 84 | 262534 | 5.954 ug/L | 97     |
| 33) Benzene            | 5.15 | 78 | 12916  | 0.069 ug/L | 100    |
| 42) Toluene            | 7.43 | 91 | 21134  | 0.109 ug/L | 87     |

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

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