

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX101218\  
 Data File : VX005295.D  
 Acq On : 12 Oct 2018 16:05  
 Operator : JC/MD  
 Sample : J5164-09 0.5ppb  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MDL-WATER-03-QT4-2018

Manual Integrations  
 APPROVED

MMDadoda  
 10/17/2018 9:05:08 AM

Quant Time: Oct 15 11:44:47 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X101218W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 12 11:28:43 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|--------------------------------|-------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene          | 5.67  | 168  | 245770   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene        | 6.86  | 114  | 388804   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5           | 10.12 | 117  | 331179   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4     | 12.08 | 152  | 172388   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds    |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4      | 6.07  | 65   | 151180   | 55.42 | ug/l    | 0.00     |
| Spiked Amount 50.000           |       |      | Recovery | =     | 110.84% |          |
| 35) Dibromofluoromethane       | 5.50  | 113  | 117949   | 45.80 | ug/l    | 0.00     |
| Spiked Amount 50.000           |       |      | Recovery | =     | 91.60%  |          |
| 50) Toluene-d8                 | 8.71  | 98   | 423000   | 47.85 | ug/l    | 0.00     |
| Spiked Amount 50.000           |       |      | Recovery | =     | 95.70%  |          |
| 62) 4-Bromofluorobenzene       | 11.14 | 95   | 144227   | 43.43 | ug/l    | 0.00     |
| Spiked Amount 50.000           |       |      | Recovery | =     | 86.86%  |          |
| Target Compounds               |       |      |          |       |         |          |
| 41) Methacrylonitrile          | 5.07  | 41   | 1394m    | 0.54  | ug/l    | Qvalue   |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 443m     | 0.40  | ug/l    |          |

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

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