

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092920\  
 Data File : VX018679.D  
 Acq On : 30 Sep 2020 00:43  
 Operator : JC/SP  
 Sample : L4135-06DL 40X  
 Misc : 25.0mL/MSVOA X/WATER  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Sep 30 08:36:25 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\SOMXTR092820WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Sep 30 07:04:14 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.83  | 114  | 223014   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 10.10 | 117  | 221181   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 97526    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39   | 65    | 52601    | 4.51     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 90.20%  |
| 7) Chloroethane-d5             | 1.70   | 69    | 46706    | 4.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 95.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.34   | 63    | 98987    | 3.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 76.80%  |
| 20) 2-Butanone-d5              | 4.56   | 46    | 166396   | 55.92    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 111.84% |
| 24) Chloroform-d               | 5.14   | 84    | 135414   | 4.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.00%  |
| 26) 1,2-Dichloroethane-d4      | 6.03   | 65    | 79163    | 4.91     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 98.20%  |
| 32) Benzene-d6                 | 6.05   | 84    | 246525   | 4.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.60%  |
| 36) 1,2-Dichloropropane-d6     | 7.37   | 67    | 76196    | 4.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 98.00%  |
| 41) Toluene-d8                 | 8.70   | 98    | 219723   | 4.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 86.60%  |
| 45) trans-1,3-Dichloropropene- | 8.99   | 79    | 30501    | 4.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 88.20%  |
| 48) 2-Hexanone-d5              | 9.43   | 63    | 128247   | 51.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 103.52% |
| 59) 1,1,2,2-Tetrachloroethane- | 11.23  | 84    | 60157    | 5.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 103.80% |
| 65) 1,2-Dichlorobenzene-d4     | 12.36  | 152   | 84552    | 5.31     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 106.20% |

## Target Compounds

|                         |       |     |        |        | Ovalue |
|-------------------------|-------|-----|--------|--------|--------|
| 8) Chloroethane         | 1.72  | 64  | 1452m  | 0.219  | ug/L   |
| 16) Methylene chloride  | 2.84  | 84  | 4618   | 0.310  | ug/L   |
| 33) Benzene             | 6.12  | 78  | 5224   | 0.123  | ug/L   |
| 53) Chlorobenzene       | 10.12 | 112 | 307716 | 10.113 | ug/L   |
| 58) Isopropylbenzene    | 11.00 | 105 | 17392  | 0.358  | ug/L   |
| 64) 1,4-Dichlorobenzene | 12.08 | 146 | 3598   | 0.168  | ug/L   |

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

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