

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052920\  
 Data File : VV016343.D  
 Acq On : 30 May 2020 04:48  
 Operator : SY/MD  
 Sample : L2662-04  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F9B08

Quant Time: May 30 05:50:33 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR052620WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat May 30 03:05:25 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 79570    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 73348    | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 26547    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31   | 65    | 22880    | 4.48     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 89.60%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 17848    | 3.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 79.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 33021    | 3.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 68.80%  |
| 20) 2-Butanone-d5              | 3.98   | 46    | 43683    | 34.46    | ug/L | 0.02    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 68.92%  |
| 24) Chloroform-d               | 4.37   | 84    | 46290    | 4.55     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 91.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 25942    | 4.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 96.40%  |
| 32) Benzene-d6                 | 5.07   | 84    | 91788    | 5.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 101.00% |
| 36) 1,2-Dichloropropane-d6     | 6.10   | 67    | 28139    | 5.01     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 100.20% |
| 41) Toluene-d8                 | 7.34   | 98    | 79043    | 4.56     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 91.20%  |
| 45) trans-1,3-Dichloropropene- | 7.65   | 79    | 8214     | 3.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 78.40%  |
| 48) 2-Hexanone-d5              | 8.12   | 63    | 41086    | 42.75    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 85.50%  |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 17150    | 4.13     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 82.60%  |
| 65) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 21416    | 4.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 96.60%  |

| Target Compounds           |      |    |       |            | Ovalue |
|----------------------------|------|----|-------|------------|--------|
| 22) cis-1,2-Dichloroethene | 3.94 | 96 | 14221 | 2.341 ug/L | 88     |
| 34) Trichloroethene        | 5.94 | 95 | 49879 | 9.071 ug/L | 97     |

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

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