

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050820\  
 Data File : VV015966.D  
 Acq On : 08 May 2020 15:33  
 Operator : SY/MD  
 Sample : L2520-05  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 H41Y0

Quant Time: May 09 02:50:42 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR050720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat May 09 00:44:25 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 141008   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 137828   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 63607    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 32881    | 4.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 86.00%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 34393    | 4.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 94.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 54843    | 3.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 66.60%  |
| 20) 2-Butanone-d5              | 3.92   | 46    | 114419   | 52.43    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 104.86% |
| 24) Chloroform-d               | 4.38   | 84    | 76484    | 4.57     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 91.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 48237    | 5.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 100.60% |
| 32) Benzene-d6                 | 5.08   | 84    | 161558   | 4.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.09   | 67    | 50689    | 5.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 101.20% |
| 41) Toluene-d8                 | 7.34   | 98    | 143882   | 4.64     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 92.80%  |
| 45) trans-1,3-Dichloropropene- | 7.64   | 79    | 17464    | 4.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 89.00%  |
| 48) 2-Hexanone-d5              | 8.11   | 63    | 83694    | 48.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 96.98%  |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 35187    | 5.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 100.00% |
| 65) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 55733    | 5.40     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 108.00% |

| Target Compounds      |      |     |       |            | Ovalue |
|-----------------------|------|-----|-------|------------|--------|
| 13) Acetone           | 2.20 | 43  | 5767  | 4.006 ug/L | 67     |
| 25) Chloroform        | 4.41 | 83  | 10042 | 0.552 ug/L | 97     |
| 49) Tetrachloroethene | 8.00 | 164 | 21280 | 3.081 ug/L | 96     |

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

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