

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050820\  
 Data File : VV015973.D  
 Acq On : 08 May 2020 18:17  
 Operator : SY/MD  
 Sample : L2520-14  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 H41Z1

Manual Integrations  
 APPROVED

apatel  
 5/11/2020 12:51:38 PM

Quant Time: May 09 04:27:34 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  | 143992   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 143149   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 67737    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 35104    | 4.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 89.80%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 35321    | 4.77     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 95.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 56556    | 3.37     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 67.40%  |
| 20) 2-Butanone-d5              | 3.92   | 46    | 112523   | 50.50    | ug/L | -0.01   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 101.00% |
| 24) Chloroform-d               | 4.38   | 84    | 86622    | 5.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 101.40% |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 48876    | 4.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 99.80%  |
| 32) Benzene-d6                 | 5.08   | 84    | 162847   | 4.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.09   | 67    | 51493    | 4.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 99.00%  |
| 41) Toluene-d8                 | 7.34   | 98    | 145890   | 4.53     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 90.60%  |
| 45) trans-1,3-Dichloropropene- | 7.65   | 79    | 16950    | 4.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 83.00%  |
| 48) 2-Hexanone-d5              | 8.11   | 63    | 86479    | 48.24    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 96.48%  |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 36928    | 5.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 101.00% |
| 65) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 55944    | 5.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 101.80% |

## Target Compounds

|                            |      |     |       |              | Ovalue |
|----------------------------|------|-----|-------|--------------|--------|
| 2) Dichlorodifluoromethane | 1.14 | 85  | 1659  | 0.150 ug/L   | 94     |
| 12) 1,1-Dichloroethene     | 2.13 | 96  | 2156  | 0.272 ug/L # | 1      |
| 13) Acetone                | 2.19 | 43  | 3557m | 2.420 ug/L   |        |
| 14) Carbon disulfide       | 2.31 | 76  | 10365 | 0.396 ug/L   | 100    |
| 25) Chloroform             | 4.40 | 83  | 6187  | 0.333 ug/L   | 97     |
| 34) Trichloroethene        | 5.94 | 95  | 13087 | 1.273 ug/L   | 98     |
| 49) Tetrachloroethene      | 8.00 | 164 | 66144 | 9.222 ug/L   | 98     |

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

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