

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041720\  
 Data File : VV015566.D  
 Acq On : 17 Apr 2020 19:33  
 Operator : SY/MD  
 Sample : L2333-06  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AB8

Manual Integrations  
 APPROVED

apatel  
 4/20/2020 11:41:57 AM

Quant Time: Apr 18 03:49:13 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR040920WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Apr 18 00:37:52 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 90185    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 85169    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 42511    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31   | 65    | 21830    | 4.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 93.20%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 21809    | 5.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 101.20% |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 33312    | 3.38     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 67.60%  |
| 20) 2-Butanone-d5              | 3.93   | 46    | 83723    | 63.72    | ug/L | -0.01   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 127.44% |
| 24) Chloroform-d               | 4.38   | 84    | 51774    | 5.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.00% |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 30123    | 5.39     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 107.80% |
| 32) Benzene-d6                 | 5.08   | 84    | 96853    | 5.13     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 102.60% |
| 36) 1,2-Dichloropropane-d6     | 6.09   | 67    | 31650    | 5.38     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 107.60% |
| 41) Toluene-d8                 | 7.34   | 98    | 86992    | 4.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 96.40%  |
| 43) trans-1,3-Dichloropropene- | 7.65   | 79    | 8319     | 3.25     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 65.00%  |
| 46) 2-Hexanone-d5              | 8.11   | 63    | 65382    | 52.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 105.94% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 22869    | 4.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 98.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 34193    | 5.01     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 100.20% |

## Target Compounds

|                             |      |     |       | Ovalue |           |
|-----------------------------|------|-----|-------|--------|-----------|
| 13) Acetone                 | 2.21 | 43  | 3378m | 3.639  | ug/L      |
| 17) Methyl tert-butyl Ether | 2.79 | 73  | 946   | 0.063  | ug/L # 74 |
| 47) Tetrachloroethene       | 7.99 | 164 | 791   | 0.156  | ug/L 93   |

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

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