

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052720\  
 Data File : VV016225.D  
 Acq On : 27 May 2020 14:02  
 Operator : SY/MD  
 Sample : L2754-13MSD  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GAX99MSD

Quant Time: May 28 03:07:23 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR052620WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu May 28 01:17:22 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 107941   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 104208   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 46810    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 28438    | 4.10     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 82.00% |
| 7) Chloroethane-d5             | 1.58   | 69    | 26232    | 4.31     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 86.20% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 56030    | 4.30     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 86.00% |
| 20) 2-Butanone-d5              | 3.94   | 46    | 82176    | 47.79    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 95.58% |
| 24) Chloroform-d               | 4.38   | 84    | 60616    | 4.39     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 87.80% |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 33371    | 4.57     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 91.40% |
| 32) Benzene-d6                 | 5.08   | 84    | 116610   | 4.52     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 90.40% |
| 36) 1,2-Dichloropropane-d6     | 6.10   | 67    | 36706    | 4.60     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 92.00% |
| 41) Toluene-d8                 | 7.34   | 98    | 105288   | 4.28     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 85.60% |
| 45) trans-1,3-Dichloropropene- | 7.65   | 79    | 12693    | 4.26     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 85.20% |
| 48) 2-Hexanone-d5              | 8.12   | 63    | 60284    | 44.15    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 88.30% |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 25272    | 4.28     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 85.60% |
| 65) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 36345    | 4.65     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 93.00% |

## Target Compounds

|                        |      |     |        |            | Ovalue |
|------------------------|------|-----|--------|------------|--------|
| 12) 1,1-Dichloroethene | 2.14 | 96  | 28036  | 4.403 ug/L | 86     |
| 13) Acetone            | 2.21 | 43  | 3117   | 2.928 ug/L | 87     |
| 33) Benzene            | 5.13 | 78  | 144912 | 4.832 ug/L | 100    |
| 34) Trichloroethene    | 5.94 | 95  | 38563  | 4.936 ug/L | 97     |
| 42) Toluene            | 7.41 | 91  | 156411 | 4.783 ug/L | 98     |
| 49) Tetrachloroethene  | 8.00 | 164 | 11274  | 2.010 ug/L | 97     |
| 53) Chlorobenzene      | 8.90 | 112 | 100101 | 4.954 ug/L | 99     |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052720\  
Data File : VV016225.D  
Acq On : 27 May 2020 14:02  
Operator : SY/MD  
Sample : L2754-13MSD  
Misc : 25.0mL/MSVOA V/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
GAX99MSD

Quant Time: May 28 03:07:23 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR052620WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Thu May 28 01:17:22 2020  
Response via : Initial Calibration

