

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102219\  
 Data File : VV013284.D  
 Acq On : 22 Oct 2019 17:56  
 Operator : SY/MD  
 Sample : K5457-06  
 Misc : 25.00ML/MSVOA V/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0K11

Manual Integrations  
 APPROVED

MMDadoda  
 10/23/2019 9:28:54 AM

Quant Time: Oct 23 03:16:13 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR102119WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Oct 23 01:23:09 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 410419   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 460720   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 234352   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 216805   | 7.17     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 143.40%# |
| 7) Chloroethane-d5             | 1.58   | 69    | 181427   | 7.26     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 145.20%# |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 280207   | 5.20     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 104.00%  |
| 20) 2-Butanone-d5              | 3.93   | 46    | 476311   | 81.97    | ug/L | -0.02    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 163.94%# |
| 24) Chloroform-d               | 4.40   | 84    | 451961   | 6.35     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 127.00%# |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 218201   | 6.62     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 132.40%# |
| 32) Benzene-d6                 | 5.10   | 84    | 918859   | 6.16     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 123.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 279692   | 6.24     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 124.80%  |
| 41) Toluene-d8                 | 7.36   | 98    | 766488   | 5.55     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 111.00%  |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 86609    | 5.10     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 102.00%  |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 288926   | 47.73    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 95.46%   |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 193543   | 5.97     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 119.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 303658   | 6.66     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 133.20%# |

## Target Compounds

|                          |      |     |       |       | Ovalue |
|--------------------------|------|-----|-------|-------|--------|
| 13) Acetone              | 2.20 | 43  | 6563m | 2.184 | ug/L   |
| 31) Carbon tetrachloride | 4.87 | 117 | 18063 | 0.296 | ug/L   |
| 34) Trichloroethene      | 5.96 | 95  | 65024 | 1.377 | ug/L   |
| 47) Tetrachloroethene    | 8.02 | 164 | 40590 | 0.947 | ug/L   |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV102219\  
Data File : VV013284.D  
Acq On : 22 Oct 2019 17:56  
Operator : SY/MD  
Sample : K5457-06  
Misc : 25.00ML/MSVOA V/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0K11

Manual Integrations  
APPROVED

MMDadoda  
10/23/2019 9:28:54 AM

Quant Time: Oct 23 03:16:13 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR102119WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Wed Oct 23 01:23:09 2019  
Response via : Initial Calibration

