

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV103019\  
 Data File : VV013432.D  
 Acq On : 30 Oct 2019 14:38  
 Operator : SY/MD  
 Sample : K5597-06  
 Misc : 25.0ML/MSVOA\_V/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GAQD7

Manual Integrations  
 APPROVED

MMDadoda  
 10/31/2019 11:07:10 AM

Quant Time: Oct 31 04:47:36 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR102919WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Oct 31 02:41:56 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 351831   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 365166   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 212599   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 131645   | 3.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 78.40%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 114542   | 4.31     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 86.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 171428   | 3.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 63.00%  |
| 20) 2-Butanone-d5              | 3.96   | 46    | 404158   | 53.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 106.18% |
| 24) Chloroform-d               | 4.40   | 84    | 290309   | 4.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 88.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 157164   | 4.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 96.00%  |
| 32) Benzene-d6                 | 5.10   | 84    | 597336   | 4.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 196821   | 4.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 99.40%  |
| 41) Toluene-d8                 | 7.36   | 98    | 490133   | 4.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 83.80%  |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 64269    | 4.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 88.20%  |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 247186   | 52.48    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 104.96% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 132851   | 5.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 103.40% |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 208647   | 4.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 97.80%  |

## Target Compounds

|                            |      |     |        |        | Qvalue    |
|----------------------------|------|-----|--------|--------|-----------|
| 13) Acetone                | 2.21 | 43  | 9446m  | 2.540  | ug/L      |
| 14) Carbon disulfide       | 2.32 | 76  | 19236  | 0.236  | ug/L # 94 |
| 22) cis-1,2-Dichloroethene | 3.96 | 96  | 12773  | 0.353  | ug/L # 98 |
| 30) Cyclohexane            | 4.72 | 56  | 34944  | 0.615  | ug/L 97   |
| 33) Benzene                | 5.14 | 78  | 325329 | 2.384  | ug/L 100  |
| 34) Trichloroethene        | 5.96 | 95  | 30897  | 0.825  | ug/L 95   |
| 35) Methylcyclohexane      | 6.17 | 83  | 37962  | 0.679  | ug/L 90   |
| 42) Toluene                | 7.43 | 91  | 30888  | 0.217  | ug/L 95   |
| 47) Tetrachloroethene      | 8.02 | 164 | 363874 | 11.465 | ug/L 98   |
| 52) Ethylbenzene           | 9.05 | 91  | 27757  | 0.184  | ug/L 95   |
| 53) m,p-xylene             | 9.18 | 106 | 17952  | 0.322  | ug/L 95   |
| 54) o-xylene               | 9.59 | 106 | 5530   | 0.103  | ug/L 84   |
| 56) Isopropylbenzene       | 9.97 | 105 | 23267  | 0.160  | ug/L 98   |

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

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