

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072720\  
 Data File : VV017690.D  
 Acq On : 27 Jul 2020 20:18  
 Operator : SY/MD  
 Sample : L3459-12  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GAY52

Manual Integrations  
 APPROVED

MMDadoda  
 7/29/2020 11:41:15 AM

Quant Time: Jul 28 07:25:36 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR072320WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Jul 28 04:52:47 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 143961   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 140600   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 65879    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31   | 65    | 27728    | 4.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 80.60%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 25073    | 4.77     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 95.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 50273    | 3.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 65.20%  |
| 20) 2-Butanone-d5              | 3.96   | 46    | 69025    | 41.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 83.94%  |
| 24) Chloroform-d               | 4.37   | 84    | 81060    | 4.87     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 44843    | 5.23     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 104.60% |
| 32) Benzene-d6                 | 5.07   | 84    | 138069   | 4.46     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.10   | 67    | 37263    | 4.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 86.40%  |
| 41) Toluene-d8                 | 7.34   | 98    | 125715   | 4.23     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 84.60%  |
| 45) trans-1,3-Dichloropropene- | 7.65   | 79    | 15763    | 4.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 80.80%  |
| 48) 2-Hexanone-d5              | 8.12   | 63    | 42574    | 35.19    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 70.38%  |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 25343    | 4.23     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 84.60%  |
| 65) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 53381    | 5.36     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 107.20% |

| Target Compounds |      |    |        |        | Ovalue |
|------------------|------|----|--------|--------|--------|
| 13) Acetone      | 2.24 | 43 | 20374m | 15.826 | ug/L   |
| 42) Toluene      | 7.41 | 91 | 5231   | 0.120  | ug/L   |

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

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