

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111819\  
 Data File : VV013667.D  
 Acq On : 18 Nov 2019 19:24  
 Operator : SY/MD  
 Sample : K5910-12  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GAQJ5

Quant Time: Nov 19 06:42:43 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR111519WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Nov 19 04:25:23 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 302661   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 299892   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 136723   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 97972    | 5.24     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 104.80% |
| 7) Chloroethane-d5             | 1.58   | 69    | 94127    | 5.64     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 112.80% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 136458   | 4.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 81.40%  |
| 20) 2-Butanone-d5              | 3.93   | 46    | 252950   | 58.51    | ug/L | -0.03   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 117.02% |
| 24) Chloroform-d               | 4.40   | 84    | 220311   | 5.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 106.60% |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 115012   | 5.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 115.80% |
| 32) Benzene-d6                 | 5.10   | 84    | 440687   | 5.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 105.40% |
| 36) 1,2-Dichloropropane-d6     | 6.11   | 67    | 134554   | 5.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 109.00% |
| 41) Toluene-d8                 | 7.36   | 98    | 364201   | 4.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 93.80%  |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 45672    | 4.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 96.20%  |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 179408   | 49.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 99.74%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 96620    | 5.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 108.20% |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 152369   | 5.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 115.80% |

| Target Compounds  |      |     |       |            | Ovalue |
|-------------------|------|-----|-------|------------|--------|
| 42) Toluene       | 7.43 | 91  | 11155 | 0.115 ug/L | 92     |
| 51) Chlorobenzene | 8.92 | 112 | 7148  | 0.111 ug/L | 91     |

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

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