

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081919\  
 Data File : VV012293.D  
 Acq On : 19 Aug 2019 22:41  
 Operator : SY/MD  
 Sample : K4373-12  
 Misc : 25mL/MSVOA V/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AB4

Quant Time: Aug 20 04:11:39 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR081919WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Aug 20 02:35:23 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 169746   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 165369   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 96186    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 51801    | 5.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 119.40% |
| 7) Chloroethane-d5             | 1.58   | 69    | 31614    | 4.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 99.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 61542    | 3.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 74.80%  |
| 20) 2-Butanone-d5              | 3.94   | 46    | 112172   | 47.97    | ug/L | -0.03   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 95.94%  |
| 24) Chloroform-d               | 4.40   | 84    | 103184   | 4.40     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 88.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 54486    | 4.51     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 90.20%  |
| 32) Benzene-d6                 | 5.10   | 84    | 212152   | 4.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 60331    | 4.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 97.60%  |
| 41) Toluene-d8                 | 7.36   | 98    | 201902   | 4.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 99.20%  |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 23507    | 4.43     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 88.60%  |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 94452    | 56.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 112.70% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 48155    | 5.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 102.40% |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 94495    | 4.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 97.60%  |

## Target Compounds

|                  |      |     |      |              | Ovalue |
|------------------|------|-----|------|--------------|--------|
| 13) Acetone      | 2.19 | 43  | 3608 | 2.950 ug/L # | 67     |
| 52) Ethylbenzene | 9.06 | 91  | 9189 | 0.162 ug/L   | 97     |
| 53) m,p-xylene   | 9.18 | 106 | 4886 | 0.221 ug/L   | 76     |
| 54) o-xylene     | 9.59 | 106 | 2383 | 0.112 ug/L   | 95     |

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

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