

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112219\  
 Data File : VV013739.D  
 Acq On : 22 Nov 2019 17:24  
 Operator : SY/MD  
 Sample : K5941-11  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 B0AC3

Manual Integrations  
 APPROVED

MMDadoda  
 11/26/2019 12:53:36 PM

Quant Time: Nov 23 02:55:51 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR112219WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Nov 23 01:35:18 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 328974   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 312310   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 147252   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 110167   | 5.41     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 108.20%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 99446    | 5.75     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 115.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 150590   | 4.39     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 87.80%   |
| 20) 2-Butanone-d5              | 3.94   | 46    | 283706   | 67.03    | ug/L | -0.02    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 134.06%# |
| 24) Chloroform-d               | 4.40   | 84    | 229489   | 5.59     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 111.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 117810   | 6.03     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 120.60%  |
| 32) Benzene-d6                 | 5.09   | 84    | 454375   | 5.64     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 112.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.11   | 67    | 138725   | 5.78     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 115.60%  |
| 41) Toluene-d8                 | 7.36   | 98    | 408816   | 5.41     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 108.20%  |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 51287    | 5.49     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 109.80%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 207420   | 60.17    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 120.34%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 101039   | 6.07     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 121.40%# |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 161619   | 6.22     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 124.40%# |

## Target Compounds

|                           |      |     |        |            | Ovalue |
|---------------------------|------|-----|--------|------------|--------|
| 3) Chloromethane          | 1.25 | 50  | 33190  | 1.725 ug/L | 99     |
| 13) Acetone               | 2.20 | 43  | 16156m | 5.458 ug/L |        |
| 25) Chloroform            | 4.42 | 83  | 94901  | 2.511 ug/L | 97     |
| 29) 1,1,1-Trichloroethane | 4.66 | 97  | 17144  | 0.537 ug/L | 99     |
| 34) Trichloroethene       | 5.96 | 95  | 9335   | 0.442 ug/L | 94     |
| 47) Tetrachloroethene     | 8.02 | 164 | 9731   | 0.530 ug/L | 94     |

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

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