

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042920\  
 Data File : VV015817.D  
 Acq On : 30 Apr 2020 02:52  
 Operator : SY/MD  
 Sample : L2431-11  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ETKS0

Quant Time: Apr 30 08:20:46 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR042220WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Apr 30 01:35:08 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 123662   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 120507   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 59624    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31   | 65    | 36928    | 5.71     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 114.20% |
| 7) Chloroethane-d5             | 1.58   | 69    | 34222    | 5.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 109.80% |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 55317    | 3.91     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 78.20%  |
| 20) 2-Butanone-d5              | 3.90   | 46    | 94743    | 45.66    | ug/L | -0.04   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 91.32%  |
| 24) Chloroform-d               | 4.38   | 84    | 65762    | 4.37     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 87.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 41917    | 4.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 99.40%  |
| 32) Benzene-d6                 | 5.08   | 84    | 142278   | 4.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 99.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.09   | 67    | 44120    | 4.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 96.00%  |
| 41) Toluene-d8                 | 7.34   | 98    | 127121   | 4.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 93.00%  |
| 43) trans-1,3-Dichloropropene- | 7.65   | 79    | 13399    | 3.77     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 75.40%  |
| 46) 2-Hexanone-d5              | 8.11   | 63    | 72215    | 41.67    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 83.34%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 30620    | 4.47     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 89.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 45783    | 4.52     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 90.40%  |

## Target Compounds

|                      |      |     |       |            | Ovalue |
|----------------------|------|-----|-------|------------|--------|
| 13) Acetone          | 2.18 | 43  | 2765  | 1.919 ug/L | 84     |
| 25) Chloroform       | 4.41 | 83  | 8340  | 0.496 ug/L | 92     |
| 33) Benzene          | 5.13 | 78  | 6531  | 0.190 ug/L | 100    |
| 42) Toluene          | 7.42 | 91  | 3335  | 0.091 ug/L | 99     |
| 52) Ethylbenzene     | 9.04 | 91  | 3742  | 0.088 ug/L | 98     |
| 53) m,p-xylene       | 9.16 | 106 | 19286 | 1.237 ug/L | 95     |
| 54) o-xylene         | 9.57 | 106 | 13250 | 0.878 ug/L | 97     |
| 56) Isopropylbenzene | 9.95 | 105 | 7460  | 0.176 ug/L | 96     |

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

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