

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041520\  
 Data File : VV015522.D  
 Acq On : 15 Apr 2020 20:38  
 Operator : SY/MD  
 Sample : L2274-23MSD  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 YAOB5MSD

Quant Time: Apr 16 03:06:12 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR040920WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Apr 16 00:42:12 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 108003   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 101048   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 50424    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 28952    | 5.16     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 103.20% |
| 7) Chloroethane-d5             | 1.58   | 69    | 26322    | 5.10     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 102.00% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 60428    | 5.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 102.40% |
| 20) 2-Butanone-d5              | 3.92   | 46    | 76460    | 48.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 97.18%  |
| 24) Chloroform-d               | 4.38   | 84    | 57530    | 4.63     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 92.60%  |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 32408    | 4.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 96.80%  |
| 32) Benzene-d6                 | 5.08   | 84    | 115459   | 5.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 103.00% |
| 36) 1,2-Dichloropropane-d6     | 6.10   | 67    | 36341    | 5.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 104.20% |
| 41) Toluene-d8                 | 7.34   | 98    | 106879   | 4.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 99.80%  |
| 43) trans-1,3-Dichloropropene- | 7.64   | 79    | 13727    | 4.52     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 90.40%  |
| 46) 2-Hexanone-d5              | 8.11   | 63    | 59737    | 40.79    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 81.58%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 23129    | 4.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 83.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 38956    | 4.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 96.20%  |

## Target Compounds

|                        |      |     |        |            | Ovalue |
|------------------------|------|-----|--------|------------|--------|
| 12) 1,1-Dichloroethene | 2.13 | 96  | 33445  | 4.933 ug/L | 94     |
| 13) Acetone            | 2.20 | 43  | 7929   | 7.133 ug/L | # 65   |
| 33) Benzene            | 5.13 | 78  | 157612 | 5.211 ug/L | 100    |
| 34) Trichloroethene    | 5.94 | 95  | 41926  | 5.150 ug/L | 99     |
| 42) Toluene            | 7.41 | 91  | 167319 | 5.096 ug/L | 99     |
| 47) Tetrachloroethene  | 8.00 | 164 | 10185  | 1.689 ug/L | 98     |
| 51) Chlorobenzene      | 8.90 | 112 | 107407 | 5.132 ug/L | 99     |

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

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ALS Vial  : 23   Sample Multiplier: 1
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