

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060120\  
 Data File : VV016402.D  
 Acq On : 01 Jun 2020 11:10  
 Operator : SY/MD  
 Sample : L2826-06  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 CWKB9

Manual Integrations  
 APPROVED

MMDadoda  
 6/2/2020 4:48:51 PM

Quant Time: Jun 02 01:43:44 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR053020WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Jun 02 01:13:11 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 81133    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 72780    | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 26174    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 29407    | 4.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 82.80%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 23098    | 4.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 85.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 41343    | 3.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 66.60%  |
| 20) 2-Butanone-d5              | 3.96   | 46    | 71459    | 46.63    | ug/L | 0.02    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 93.26%  |
| 24) Chloroform-d               | 4.38   | 84    | 53446    | 4.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 29049    | 4.64     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 92.80%  |
| 32) Benzene-d6                 | 5.08   | 84    | 103319   | 5.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.00% |
| 36) 1,2-Dichloropropane-d6     | 6.10   | 67    | 31667    | 4.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 99.20%  |
| 41) Toluene-d8                 | 7.34   | 98    | 89393    | 4.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 94.60%  |
| 45) trans-1,3-Dichloropropene- | 7.64   | 79    | 11735    | 5.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 101.80% |
| 48) 2-Hexanone-d5              | 8.12   | 63    | 56531    | 52.75    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 105.50% |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 20306    | 4.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 90.00%  |
| 65) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 21949    | 4.52     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 90.40%  |

## Target Compounds

|                              |      |    |       |              | Ovalue |
|------------------------------|------|----|-------|--------------|--------|
| 3) Chloromethane             | 1.25 | 50 | 731   | 0.090 ug/L   | 96     |
| 5) Vinyl chloride            | 1.32 | 62 | 11589 | 1.601 ug/L   | 88     |
| 14) Carbon disulfide         | 2.31 | 76 | 7063m | 0.445 ug/L   |        |
| 15) Methyl Acetate           | 2.47 | 43 | 3277  | 1.267 ug/L # | 88     |
| 18) trans-1,2-Dichloroethene | 2.78 | 96 | 23487 | 4.238 ug/L   | 97     |
| 21) 2-Butanone               | 4.05 | 43 | 7456m | 4.905 ug/L   |        |
| 22) cis-1,2-Dichloroethene   | 3.94 | 96 | 48211 | 7.881 ug/L   | 98     |
| 25) Chloroform               | 4.41 | 83 | 8984  | 0.820 ug/L   | 94     |
| 33) Benzene                  | 5.12 | 78 | 1326  | 0.062 ug/L   | 100    |
| 34) Trichloroethene          | 5.94 | 95 | 7984  | 1.413 ug/L   | 97     |

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

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