

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042420\  
 Data File : VV015671.D  
 Acq On : 24 Apr 2020 14:11  
 Operator : SY/MD  
 Sample : L2416-03  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ETKP1

Quant Time: Apr 25 01:50:32 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR042220WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Apr 25 00:15:39 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 121976   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 118948   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 58980    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.31   | 65    | 27498    | 4.31     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 86.20% |
| 7) Chloroethane-d5             | 1.58   | 69    | 28726    | 4.68     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 93.60% |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 46156    | 3.31     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 66.20% |
| 20) 2-Butanone-d5              | 3.90   | 46    | 88399    | 43.19    | ug/L | -0.03  |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 86.38% |
| 24) Chloroform-d               | 4.38   | 84    | 67825    | 4.57     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 91.40% |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 41317    | 4.97     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 99.40% |
| 32) Benzene-d6                 | 5.08   | 84    | 134372   | 4.73     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.60% |
| 36) 1,2-Dichloropropane-d6     | 6.10   | 67    | 42713    | 4.71     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 94.20% |
| 41) Toluene-d8                 | 7.34   | 98    | 122921   | 4.56     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 91.20% |
| 43) trans-1,3-Dichloropropene- | 7.64   | 79    | 14325    | 4.08     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 81.60% |
| 46) 2-Hexanone-d5              | 8.11   | 63    | 73248    | 42.82    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 85.64% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 30567    | 4.53     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 90.60% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 47602    | 4.75     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 95.00% |

## Target Compounds

|                |      |     |       |        | Ovalue   |
|----------------|------|-----|-------|--------|----------|
| 13) Acetone    | 2.18 | 43  | 22828 | 16.062 | ug/L 99  |
| 25) Chloroform | 4.41 | 83  | 4265  | 0.257  | ug/L 97  |
| 33) Benzene    | 5.13 | 78  | 34422 | 1.013  | ug/L 100 |
| 42) Toluene    | 7.41 | 91  | 33069 | 0.911  | ug/L 97  |
| 53) m,p-xylene | 9.16 | 106 | 2432  | 0.158  | ug/L 93  |
| 54) o-xylene   | 9.57 | 106 | 1727  | 0.116  | ug/L 80  |

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

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