

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050620\  
 Data File : VV015910.D  
 Acq On : 06 May 2020 15:20  
 Operator : SY/MD  
 Sample : L2517-02  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AG8

Manual Integrations  
 APPROVED

apatel  
 5/7/2020 12:57:04 PM

Quant Time: May 07 03:14:50 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR050520WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu May 07 02:01:25 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 153469   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 147790   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 70469    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31   | 65    | 43712    | 4.63     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 92.60%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 39802    | 4.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 94.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 67158    | 3.54     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 70.80%  |
| 20) 2-Butanone-d5              | 3.96   | 46    | 122025   | 49.87    | ug/L | 0.02    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 99.74%  |
| 24) Chloroform-d               | 4.38   | 84    | 93562    | 5.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 101.20% |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 52371    | 4.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 97.60%  |
| 32) Benzene-d6                 | 5.07   | 84    | 181166   | 4.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.10   | 67    | 55480    | 4.91     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 98.20%  |
| 41) Toluene-d8                 | 7.34   | 98    | 163207   | 4.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 94.60%  |
| 43) trans-1,3-Dichloropropene- | 7.64   | 79    | 18558    | 4.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 83.60%  |
| 46) 2-Hexanone-d5              | 8.12   | 63    | 94078    | 47.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 95.78%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 36935    | 4.53     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 90.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 60424    | 5.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 103.00% |

## Target Compounds

|                 |      |     |        | Ovalue        |
|-----------------|------|-----|--------|---------------|
| 13) Acetone     | 2.27 | 43  | 23944m | 15.891 ug/L   |
| 25) Chloroform  | 4.41 | 83  | 4954   | 0.247 ug/L 89 |
| 30) Cyclohexane | 4.70 | 56  | 31627  | 1.833 ug/L 97 |
| 42) Toluene     | 7.41 | 91  | 4635   | 0.112 ug/L 97 |
| 53) m,p-xylene  | 9.16 | 106 | 1726   | 0.098 ug/L 86 |

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

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