

Data File : VV012187.D  
Acq On : 11 Aug 2019 11:59  
Operator : SY/MD  
Sample : VV0811WBL01  
Misc : 5mL/MSVOA\_V/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VBLK64

Quant Time: Aug 12 02:12:37 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM081019WMA.M  
Quant Title : VOC Analysis  
QLast Update : Mon Aug 12 01:34:49 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 330800   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 313423   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 155176   | 50.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |                |     |            |        |      |      |
|--------------------------------|----------------|-----|------------|--------|------|------|
| 4) Vinyl Chloride-d3           | 1.32           | 65  | 54690      | 44.94  | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 60 - 135 |     | Recovery = | 89.88% |      |      |
| 7) Chloroethane-d5             | 1.58           | 69  | 38604      | 49.75  | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 130 |     | Recovery = | 99.50% |      |      |
| 11) 1,1-Dichloroethene-d2      | 2.13           | 63  | 79347      | 34.49  | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 60 - 125 |     | Recovery = | 68.98% |      |      |
| 21) 2-Butanone-d5              | 3.93           | 46  | 31507      | 52.36  | ug/L | 0.00 |
| Spiked Amount 100.000          | Range 40 - 130 |     | Recovery = | 52.36% |      |      |
| 24) Chloroform-d               | 4.40           | 84  | 95547      | 37.79  | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 125 |     | Recovery = | 75.58% |      |      |
| 26) 1,2-Dichloroethane-d4      | 5.08           | 65  | 68501      | 47.25  | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 125 |     | Recovery = | 94.50% |      |      |
| 32) Benzene-d6                 | 5.10           | 84  | 225833     | 46.47  | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 125 |     | Recovery = | 92.94% |      |      |
| 36) 1,2-Dichloropropane-d6     | 6.12           | 67  | 62107      | 46.98  | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 120 |     | Recovery = | 93.96% |      |      |
| 41) Toluene-d8                 | 7.36           | 98  | 210363     | 45.45  | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 80 - 120 |     | Recovery = | 90.90% |      |      |
| 43) trans-1,3-Dichloropropene- | 7.66           | 79  | 32124      | 44.85  | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 60 - 125 |     | Recovery = | 89.70% |      |      |
| 47) 2-Hexanone-d5              | 8.13           | 63  | 42554      | 84.15  | ug/L | 0.00 |
| Spiked Amount 100.000          | Range 45 - 130 |     | Recovery = | 84.15% |      |      |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26          | 84  | 82805      | 45.69  | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 65 - 120 |     | Recovery = | 91.38% |      |      |
| 64) 1,2-Dichlorobenzene-d4     | 11.67          | 152 | 84383      | 46.01  | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 80 - 120 |     | Recovery = | 92.02% |      |      |

Target Compounds Qvalue

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

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