

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090618\  
 Data File : VV007432.D  
 Acq On : 06 Sep 2018 20:22  
 Operator : SY/MD  
 Sample : J4719-12DL 10X  
 Misc : 5.0 mL/MSVOA V/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BEGE8DL

Manual Integrations  
 APPROVED

MMDadoda  
 9/7/2018 1:12:47 PM

Quant Time: Sep 07 09:40:53 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM090418WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Sep 07 01:29:25 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 543358   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 538352   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 197168   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 170624   | 43.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 87.92%  |
| 7) Chloroethane-d5             | 1.56    | 69    | 131351m  | 51.66    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 103.32% |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 222942m  | 32.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 65.22%  |
| 21) 2-Butanone-d5              | 3.96    | 46    | 195070   | 61.79    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 61.79%  |
| 24) Chloroform-d               | 4.41    | 84    | 330456   | 41.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 82.32%  |
| 26) 1,2-Dichloroethane-d4      | 5.09    | 65    | 207393   | 42.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 85.64%  |
| 32) Benzene-d6                 | 5.10    | 84    | 667564   | 41.14    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 82.28%  |
| 36) 1,2-Dichloropropane-d6     | 6.12    | 67    | 223421   | 41.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 82.18%  |
| 41) Toluene-d8                 | 7.36    | 98    | 549106   | 39.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 78.62%# |
| 43) trans-1,3-Dichloropropene- | 7.67    | 79    | 79331    | 34.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 68.50%  |
| 47) 2-Hexanone-d5              | 8.14    | 63    | 148470   | 69.65    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 69.65%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27   | 84    | 298143   | 40.14    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 80.28%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68   | 152   | 195640   | 46.17    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.34%  |

| Target Compounds           |      |     |        |       |      | Ovalue |
|----------------------------|------|-----|--------|-------|------|--------|
| 20) cis-1,2-Dichloroethene | 3.96 | 96  | 6240   | 1.45  | ug/L | 96     |
| 34) Trichloroethene        | 5.96 | 95  | 16017  | 3.81  | ug/L | 93     |
| 46) Tetrachloroethene      | 8.02 | 164 | 170825 | 50.54 | ug/L | 98     |

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090618\  
Data File : VV007432.D  
Acq On : 06 Sep 2018 20:22  
Operator : SY/MD  
Sample : J4719-12DL 10X  
Misc : 5.0 mL/MSVOA V/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BEGE8DL

Manual Integrations  
APPROVED

MMDadoda  
9/7/2018 1:12:47 PM

Quant Time: Sep 07 09:40:53 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM090418WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Sep 07 01:29:25 2018  
Response via : Initial Calibration

