

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050719\  
 Data File : VV010751.D  
 Acq On : 09 May 2019 05:20  
 Operator : SY/MD  
 Sample : K2693-01  
 Misc : 5.52G/10ML/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFH41

Quant Time: May 09 08:16:40 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM050719S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu May 09 04:43:30 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 68931    | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 72495    | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 27574    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 11391    | 10.64    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 42.56%  |
| 7) Chloroethane-d5             | 1.57   | 69    | 13267    | 15.06    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 60.24%  |
| 10) 1,1-Dichloroethene-d2      | 2.12   | 63    | 21766    | 9.37     | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 37.48%# |
| 20) 2-Butanone-d5              | 3.93   | 46    | 8171     | 25.43    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 50.86%  |
| 24) Chloroform-d               | 4.40   | 84    | 31847    | 16.95    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 67.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 21510    | 18.33    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 73.32%  |
| 29) Benzene-d6                 | 5.10   | 84    | 58692    | 15.38    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 61.52%  |
| 33) 1,2-Dichloropropane-d6     | 6.12   | 67    | 20845    | 17.14    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 68.56%# |
| 37) Toluene-d8                 | 7.36   | 98    | 52373    | 14.33    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 57.32%  |
| 38) trans-1,3-Dichloropropene- | 7.66   | 79    | 6874     | 12.40    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 49.60%  |
| 39) 2-Hexanone-d5              | 8.13   | 63    | 6000     | 23.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 47.16%  |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 17593    | 15.40    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 61.60%  |
| 61) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 17668    | 16.54    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 66.16%# |

| Target Compounds       |      |    |      |            | Ovalue |
|------------------------|------|----|------|------------|--------|
| 13) Acetone            | 2.18 | 43 | 1349 | 2.712 ug/L | 83     |
| 16) Methylene chloride | 2.53 | 84 | 2425 | 2.275 ug/L | 96     |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV050719\  
Data File : VV010751.D  
Acq On : 09 May 2019 05:20  
Operator : SY/MD  
Sample : K2693-01  
Misc : 5.52G/10ML/MSVOA V/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFH41

Quant Time: May 09 08:16:40 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM050719S.M  
Quant Title : VOC Analysis  
QLast Update : Thu May 09 04:43:30 2019  
Response via : Initial Calibration

