

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082720\  
 Data File : VD066431.D  
 Acq On : 27 Aug 2020 12:39  
 Operator : VA/SY  
 Sample : VD0827SBS01  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0827SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 8/28/2020 3:19:00 PM

Quant Time: Aug 27 18:06:40 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D082120S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 21 13:36:12 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.97  | 168  | 181552   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.86  | 114  | 241269   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.64 | 117  | 228668   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 122865   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.33   | 65  | 100934   | 56.71 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 113.42% |      |
| 35) Dibromofluoromethane  | 7.91   | 113 | 81494    | 54.02 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 108.04% |      |
| 50) Toluene-d8            | 10.34  | 98  | 304059   | 55.08 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 110.16% |      |
| 62) 4-Bromofluorobenzene  | 12.63  | 95  | 110070   | 56.19 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 112.38% |      |

## Target Compounds

|                            |      |    |       |        |      | Qvalue |
|----------------------------|------|----|-------|--------|------|--------|
| 2) Dichlorodifluoromethane | 1.99 | 85 | 31110 | 20.156 | ug/l | 97     |
| 3) Chloromethane           | 2.21 | 50 | 17673 | 16.154 | ug/l |        |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082720\  
 Data File : VD066431.D  
 Acq On : 27 Aug 2020 12:39  
 Operator : VA/SY  
 Sample : VD0827SBS01  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VD0827SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 8/28/2020 3:19:00 PM

Quant Time: Aug 27 18:06:40 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D082120S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 21 13:36:12 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane       | 9.35  | 83   | 48632    | 18.753  | ug/l   | 93       |
| 40) Benzene                 | 8.34  | 78   | 107904   | 18.632  | ug/l   | 97       |
| 41) Methacrylonitrile       | 7.51  | 41   | 9908m    | 21.458  | ug/l   |          |
| 42) 1,2-Dichloroethane      | 8.42  | 62   | 43630    | 21.390  | ug/l   | 99       |
| 43) Isopropyl Acetate       | 8.45  | 43   | 26131    | 17.388  | ug/l   | 96       |
| 44) Trichloroethene         | 9.11  | 130  | 36770    | 19.540  | ug/l   | 99       |
| 45) 1,2-Dichloropropane     | 9.38  | 63   | 22856    | 17.409  | ug/l   | 99       |
| 46) Dibromomethane          | 9.47  | 93   | 15583    | 19.063  | ug/l   | 95       |
| 47) Bromodichloromethane    | 9.66  | 83   | 46421    | 20.650  | ug/l   | 98       |
| 48) Methyl methacrylate     | 9.45  | 41   | 12290    | 15.859  | ug/l # | 88       |
| 49) 1,4-Dioxane             | 9.46  | 88   | 3649     | 384.436 | ug/l   | 93       |
| 51) 4-Methyl-2-Pentanone    | 10.23 | 43   | 65762    | 90.456  | ug/l   | 98       |
| 52) Toluene                 | 10.40 | 92   | 77012    | 19.628  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene   | 10.61 | 75   | 41996    | 19.688  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene | 10.08 | 75   | 44998    | 18.794  | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane   | 10.80 | 97   | 20520    | 18.543  | ug/l   | 92       |
| 5                           |       |      |          |         |        |          |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082720\  
Data File : VD066431.D  
Acq On : 27 Aug 2020 12:39  
Operator : VA/SY  
Sample : VD0827SBS01  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0827SBS01

Manual Integrations  
APPROVED

MMDadoda  
8/28/2020 3:19:00 PM

Quant Time: Aug 27 18:06:40 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D082120S.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 21 13:36:12 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 49259    | 18.796 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 15.27 | 225  | 32705    | 20.081 | ug/l  | 98       |
| 95) Naphthalene            | 15.40 | 128  | 78720    | 19.124 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.60 | 180  | 43903    | 19.555 | ug/l  | 98       |

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

