

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW010620\  
 Data File : VW014534.D  
 Acq On : 06 Jan 2020 19:51  
 Operator : SY/VA  
 Sample : K6476-06  
 Misc : 10.15G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 WP022SB455\_191227-14-16

Quant Time: Jan 07 04:13:24 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W010320S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 03 16:07:20 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 487922   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 768375   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 570026   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.55 | 152  | 233610   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.30  | 65   | 247084   | 57.92 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 115.84% |          |
| 35) Dibromofluoromethane    | 7.88  | 113  | 238953   | 54.41 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 108.82% |          |
| 50) Toluene-d8              | 10.32 | 98   | 935352   | 51.04 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.08% |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 335895   | 54.04 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 108.08% |          |

| Target Compounds           | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|----------------------------|-------|------|----------|---------|--------|--------|
| 16) Acetone                | 4.12  | 43   | 76831    | 63.783  | ug/l   | 99     |
| 17) Carbon Disulfide       | 4.38  | 76   | 63042    | 4.308   | ug/l   | 97     |
| 31) Cyclohexane            | 7.95  | 56   | 657696   | 72.239  | ug/l   | 95     |
| 39) Methylcyclohexane      | 9.34  | 83   | 1348534  | 141.860 | ug/l   | 97     |
| 40) Benzene                | 8.32  | 78   | 25576    | 1.220   | ug/l   | 95     |
| 52) Toluene                | 10.38 | 92   | 16256    | 1.233   | ug/l   | 93     |
| 65) Chlorobenzene          | 11.66 | 112  | 8767894  | 750.799 | ug/l   | 94     |
| 67) Ethyl Benzene          | 11.73 | 91   | 51107    | 2.428   | ug/l   | 90     |
| 69) o-Xylene               | 12.16 | 106  | 40750    | 5.477   | ug/l   | 71     |
| 73) Isopropylbenzene       | 12.46 | 105  | 286383   | 16.707  | ug/l   | 99     |
| 78) n-propylbenzene        | 12.80 | 91   | 182532   | 9.056   | ug/l   | 93     |
| 79) 2-Chlorotoluene        | 12.89 | 91   | 100420   | 8.755   | ug/l   | 76     |
| 83) tert-Butylbenzene      | 13.21 | 119  | 383894   | 30.466  | ug/l   | 95     |
| 84) 1,2,4-Trimethylbenzene | 13.25 | 105  | 84949    | 5.931   | ug/l   | 99     |
| 85) sec-Butylbenzene       | 13.38 | 105  | 1599632  | 91.712  | ug/l # | 55     |
| 87) 1,3-Dichlorobenzene    | 13.50 | 146  | 524350   | 67.731  | ug/l # | 56     |
| 88) 1,4-Dichlorobenzene    | 13.58 | 146  | 780674   | 102.143 | ug/l # | 72     |
| 89) n-Butylbenzene         | 13.82 | 91   | 1466918  | 99.361  | ug/l   | 90     |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW010620\  
Data File : VW014534.D  
Acq On : 06 Jan 2020 19:51  
Operator : SY/VA  
Sample : K6476-06  
Misc : 10.15G/5ML/MSVOA\_W/SOIL  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
WP022SB455\_191227-14-16

Quant Time: Jan 07 04:13:24 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W010320S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jan 03 16:07:20 2020  
Response via : Initial Calibration

