

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122118\  
 Data File : VW007716.D  
 Acq On : 19 Dec 2018 22:37  
 Operator : SY/AP  
 Sample : J6392-07  
 Misc : 6.46G/5ML/MSVOA W/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 KY001SB103-121118-(23-25)

Manual Integrations  
 APPROVED

apatel  
 12/20/2018 11:20:10 AM

Quant Time: Dec 20 07:45:28 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W122118S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 20 06:30:23 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.   | QIon | Response  | Conc     | Units   | Dev(Min) |
|-----------------------------|--------|------|-----------|----------|---------|----------|
| 1) Pentafluorobenzene       | 7.95   | 168  | 81134     | 50.00    | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.84   | 114  | 135450    | 50.00    | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.63  | 117  | 112747    | 50.00    | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.57  | 152  | 53183     | 50.00    | ug/l    | 0.00     |
| System Monitoring Compounds |        |      |           |          |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.31   | 65   | 37137     | 41.76    | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery  | =        | 83.52%  |          |
| 35) Dibromofluoromethane    | 7.88   | 113  | 33680     | 40.76    | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery  | =        | 81.52%  |          |
| 50) Toluene-d8              | 10.32  | 98   | 187496    | 60.19    | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery  | =        | 120.38% |          |
| 62) 4-Bromofluorobenzene    | 12.62  | 95   | 94979     | 78.92    | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery  | =        | 157.84% |          |
| Target Compounds            |        |      |           |          |         |          |
|                             |        |      |           |          | Qvalue  |          |
| 16) Acetone                 | 4.12   | 43   | 31102     | 186.773  | ug/l #  | 83       |
| 17) Carbon Disulfide        | 4.37   | 76   | 4430      | 1.788    | ug/l    | 97       |
| 31) Cyclohexane             | 7.93   | 56   | 519354    | 392.328  | ug/l #  | 50       |
| 39) Methylcyclohexane       | 9.34   | 83   | 1283373   | 790.009  | ug/l #  | 89       |
| 40) Benzene                 | 8.32   | 78   | 613723    | 175.922  | ug/l    | 99       |
| 52) Toluene                 | 10.39  | 92   | 51640     | 22.063   | ug/l    | 96       |
| 67) Ethyl Benzene           | 11.74  | 91   | 15847316  | 3784.353 | ug/l    | 94       |
| 68) m/p-Xylenes             | 11.85  | 106  | 4122163   | 2537.611 | ug/l    | 97       |
| 69) o-Xylene                | 12.17  | 106  | 329406    | 216.331  | ug/l    | 98       |
| 73) Isopropylbenzene        | 12.47  | 105  | 4874152   | 1212.463 | ug/l    | 99       |
| 78) n-propylbenzene         | 12.82  | 91   | 12262198  | 2620.359 | ug/l    | 100      |
| 80) 1,3,5-Trimethylbenzene  | 12.96  | 105  | 13223077  | 3813.350 | ug/l    | 98       |
| 83) tert-Butylbenzene       | 13.23  | 119  | 27717m    | 9.110    | ug/l    |          |
| 84) 1,2,4-Trimethylbenzene  | 13.26  | 105  | 25154326m | 7189.052 | ug/l    |          |
| 85) sec-Butylbenzene        | 13.40  | 105  | 1321078   | 315.056  | ug/l #  | 50       |
| 86) p-Isopropyltoluene      | 13.51  | 119  | 583949    | 153.151  | ug/l    | 99       |
| 89) n-Butylbenzene          | 13.83  | 91   | 1925137   | 550.676  | ug/l #  | 66       |
| 95) Naphthalene             | 15.38  | 128  | 6946164   | 3304.785 | ug/l    | 99       |

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

