

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111318\  
 Data File : VW006859.D  
 Acq On : 13 Nov 2018 17:19  
 Operator : SY/AP  
 Sample : J5860-26  
 Misc : 5.65G/5ML/MSVOA W/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EP2-SB-111(22-24)

Manual Integrations  
 APPROVED

apatel  
 11/14/2018 4:25:58 PM

Quant Time: Nov 14 06:28:08 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W111218S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 12 14:58:58 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| 1) Pentafluorobenzene       | 7.96   | 168  | 431721   | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.85   | 114  | 598947   | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.63  | 117  | 584863   | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.57  | 152  | 313843   | 50.00  | ug/l   | 0.00     |
| System Monitoring Compounds |        |      |          |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.31   | 65   | 132820   | 42.08  | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 84.16% |          |
| 35) Dibromofluoromethane    | 7.89   | 113  | 147020   | 41.22  | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 82.44% |          |
| 50) Toluene-d8              | 10.33  | 98   | 672524   | 45.49  | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 90.98% |          |
| 62) 4-Bromofluorobenzene    | 12.62  | 95   | 270251   | 49.64  | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 99.28% |          |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        | Qvalue |          |
| 16) Acetone                 | 4.15   | 43   | 13041    | 28.772 | ug/l   | 99       |
| 20) Methylene Chloride      | 4.92   | 84   | 29377    | 2.144  | ug/l   | 92       |
| 39) Methylcyclohexane       | 9.34   | 83   | 178322   | 24.522 | ug/l   | 99       |
| 52) Toluene                 | 10.39  | 92   | 76587    | 6.931  | ug/l   | 99       |
| 67) Ethyl Benzene           | 11.74  | 91   | 230598   | 10.425 | ug/l   | 98       |
| 68) m/p-Xylenes             | 11.85  | 106  | 76096    | 8.408  | ug/l   | 97       |
| 73) Isopropylbenzene        | 12.47  | 105  | 157797   | 7.243  | ug/l   | 99       |
| 78) n-propylbenzene         | 12.81  | 91   | 734703   | 28.575 | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene  | 12.95  | 105  | 229502   | 12.255 | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene  | 13.26  | 105  | 644654   | 33.825 | ug/l   | 98       |
| 85) sec-Butylbenzene        | 13.39  | 105  | 98968    | 4.219  | ug/l # | 38       |
| 86) p-Isopropyltoluene      | 13.51  | 119  | 75430    | 3.535  | ug/l   | 97       |
| 89) n-Butylbenzene          | 13.83  | 91   | 286689m  | 14.702 | ug/l   |          |
| 95) Naphthalene             | 15.38  | 128  | 339098   | 30.806 | ug/l   | 100      |

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

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