

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021419\  
 Data File : VX007525.D  
 Acq On : 13 Feb 2019 17:24  
 Operator : JC/SP  
 Sample : K1461-09  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TEST-PIT-4

Manual Integrations  
 APPROVED

MMDadoda  
 2/14/2019 10:57:16 AM

Quant Time: Feb 14 10:53:09 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X020119W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Feb 02 01:32:36 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|----------|--------|----------|
| 1) Pentafluorobenzene       | 5.66  | 168  | 532015   | 50.00    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.86  | 114  | 831046   | 50.00    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.12 | 117  | 783380   | 50.00    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.08 | 152  | 395150   | 50.00    | ug/l   | 0.00     |
| System Monitoring Compounds |       |      |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 281290   | 49.81    | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =        | 99.62% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 264013   | 48.83    | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =        | 97.66% |          |
| 50) Toluene-d8              | 8.71  | 98   | 980240   | 48.86    | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =        | 97.72% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 363829   | 49.67    | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =        | 99.34% |          |
| Target Compounds            |       |      |          |          |        |          |
|                             |       |      |          |          | Qvalue |          |
| 11) Tert butyl alcohol      | 3.06  | 59   | 9319     | 7.974    | ug/l   | 95       |
| 16) Acetone                 | 2.45  | 43   | 4061549  | 1570.167 | ug/l   | 99       |
| 18) Methyl Acetate          | 2.78  | 43   | 22135    | 3.838    | ug/l   | 98       |
| 25) 2-Butanone              | 4.70  | 43   | 82143    | 22.314   | ug/l   | 94       |
| 30) Chloroform              | 5.21  | 83   | 15408    | 1.689    | ug/l   | 91       |
| 37) Ethyl Acetate           | 4.85  | 43   | 20429    | 2.710    | ug/l # | 87       |
| 51) 4-Methyl-2-Pentanone    | 8.65  | 43   | 48897    | 6.384    | ug/l   | 100      |
| 52) Toluene                 | 8.79  | 92   | 110644   | 7.808    | ug/l   | 100      |
| 59) 2-Hexanone              | 9.50  | 43   | 13149m   | 2.206    | ug/l   |          |
| 67) Ethyl Benzene           | 10.25 | 91   | 8369     | 0.304    | ug/l   | 96       |
| 68) m/p-Xylenes             | 10.36 | 106  | 9488     | 0.867    | ug/l   | 98       |
| 69) o-Xylene                | 10.70 | 106  | 4661     | 0.443    | ug/l   | 83       |
| 70) Styrene                 | 10.71 | 104  | 10558    | 0.618    | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene  | 11.80 | 105  | 134676   | 6.038    | ug/l # | 35       |
| 86) p-Isopropyltoluene      | 12.07 | 119  | 210305   | 8.850    | ug/l   | 97       |
| 95) Naphthalene             | 13.83 | 128  | 8211     | 0.308    | ug/l # | 93       |

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

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