

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102918\  
 Data File : VX005670.D  
 Acq On : 29 Oct 2018 19:37  
 Operator : JC/MD  
 Sample : J5690-04DL 50X  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-202DL

Manual Integrations  
 APPROVED

MMDadoda  
 10/30/2018 10:51:02 AM

Quant Time: Oct 30 04:11:48 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X102418W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 25 02:52:45 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) Pentafluorobenzene       | 5.66  | 168  | 261001   | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.87  | 114  | 381499   | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.12 | 117  | 339838   | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.08 | 152  | 213668   | 50.00  | ug/l   | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 154253   | 48.42  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 96.84% |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 121000   | 46.84  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 93.68% |          |
| 50) Toluene-d8              | 8.71  | 98   | 448370   | 48.31  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 96.62% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 163881   | 46.75  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 93.50% |          |
| Target Compounds            |       |      |          |        |        |          |
|                             |       |      |          |        | Qvalue |          |
| 27) cis-1,2-Dichloroethene  | 4.59  | 96   | 6091     | 2.112  | ug/l   | 96       |
| 39) Methylcyclohexane       | 7.46  | 83   | 1544     | 0.378  | ug/l # | 93       |
| 40) Benzene                 | 6.15  | 78   | 4655     | 0.439  | ug/l   | 97       |
| 45) 1,2-Dichloropropane     | 7.51  | 63   | 3165     | 1.109  | ug/l   | 99       |
| 52) Toluene                 | 8.78  | 92   | 7568     | 1.173  | ug/l   | 99       |
| 67) Ethyl Benzene           | 10.25 | 91   | 139011   | 11.675 | ug/l   | 97       |
| 68) m/p-Xylenes             | 10.36 | 106  | 129281   | 27.987 | ug/l   | 99       |
| 69) o-Xylene                | 10.70 | 106  | 5861     | 1.349  | ug/l   | 100      |
| 73) Isopropylbenzene        | 11.02 | 105  | 20234    | 1.549  | ug/l   | 99       |
| 78) n-propylbenzene         | 11.36 | 91   | 35822    | 2.399  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene  | 11.51 | 105  | 57130    | 5.113  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene  | 11.80 | 105  | 245837   | 21.710 | ug/l   | 100      |
| 86) p-Isopropyltoluene      | 12.07 | 119  | 3440m    | 0.290  | ug/l   |          |
| 95) Naphthalene             | 13.83 | 128  | 531615   | 36.431 | ug/l   | 100      |

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

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