

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082318\  
 Data File : VX004225.D  
 Acq On : 23 Aug 2018 14:33  
 Operator : JC/MD  
 Sample : J4579-08  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FL-0543

Manual Integrations  
 APPROVED

MMDadoda  
 8/24/2018 11:35:33 AM

Quant Time: Aug 24 07:21:42 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X082218W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Aug 23 05:39:44 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 322262   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 501396   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 424912   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 279810   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 203948   | 48.56 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 97.12%  |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 174721   | 46.84 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 93.68%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 714089   | 50.72 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 101.44% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 259142   | 49.33 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 98.66%  |          |

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|----------------------------|-------|------|----------|--------|-------|--------|
| 31) Cyclohexane            | 5.57  | 56   | 2884524  | 489.83 | ug/l  | 99     |
| 39) Methylcyclohexane      | 7.46  | 83   | 2463284  | 382.75 | ug/l  | 99     |
| 52) Toluene                | 8.79  | 92   | 445652   | 42.27  | ug/l  | 100    |
| 67) Ethyl Benzene          | 10.26 | 91   | 3702471  | 213.78 | ug/l  | 96     |
| 68) m/p-Xylenes            | 10.36 | 106  | 5244023  | 774.36 | ug/l  | 92     |
| 69) o-Xylene               | 10.70 | 106  | 1578830  | 246.47 | ug/l  | 97     |
| 73) Isopropylbenzene       | 11.02 | 105  | 877769   | 47.76  | ug/l  | 100    |
| 78) n-propylbenzene        | 11.36 | 91   | 1742458  | 82.44  | ug/l  | 100    |
| 80) 1,3,5-Trimethylbenzene | 11.51 | 105  | 3695502  | 242.82 | ug/l  | 100    |
| 83) tert-Butylbenzene      | 11.77 | 119  | 77426    | 5.06   | ug/l  | 87     |
| 84) 1,2,4-Trimethylbenzene | 11.81 | 105  | 8354420  | 534.78 | ug/l  | 93     |
| 85) sec-Butylbenzene       | 11.95 | 105  | 129630m  | 7.13   | ug/l  |        |
| 86) p-Isopropyltoluene     | 12.07 | 119  | 131995   | 8.10   | ug/l  | 98     |
| 95) Naphthalene            | 13.83 | 128  | 1538508  | 84.28  | ug/l  | 99     |

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

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