

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062220\  
 Data File : VX016927.D  
 Acq On : 22 Jun 2020 18:07  
 Operator : JC/SP  
 Sample : L3020-23DL 20X  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-27DL

Manual Integrations  
 APPROVED

MMDadoda  
 6/23/2020 11:04:51 AM

Quant Time: Jun 23 08:16:55 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X061820W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 19 12:07:48 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| 1) Pentafluorobenzene       | 5.63   | 168  | 331012   | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.83   | 114  | 551750   | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.10  | 117  | 499955   | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.06  | 152  | 266413   | 50.00  | ug/l   | 0.00     |
| System Monitoring Compounds |        |      |          |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 6.03   | 65   | 189119   | 47.51  | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 95.02% |          |
| 35) Dibromofluoromethane    | 5.46   | 113  | 168130   | 47.64  | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 95.28% |          |
| 50) Toluene-d8              | 8.70   | 98   | 594597   | 42.11  | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 84.22% |          |
| 62) 4-Bromofluorobenzene    | 11.12  | 95   | 256078   | 47.33  | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 94.66% |          |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        | Qvalue |          |
| 16) Acetone                 | 2.42   | 43   | 17844    | 12.347 | ug/l   | 96       |
| 25) 2-Butanone              | 4.64   | 43   | 16365    | 8.228  | ug/l   | 98       |
| 31) Cyclohexane             | 5.55   | 56   | 50447    | 10.247 | ug/l   | 97       |
| 39) Methylcyclohexane       | 7.44   | 83   | 73685    | 12.439 | ug/l   | 98       |
| 52) Toluene                 | 8.76   | 92   | 8482     | 0.836  | ug/l   | 99       |
| 67) Ethyl Benzene           | 10.24  | 91   | 1167422  | 68.344 | ug/l   | 100      |
| 68) m/p-Xylenes             | 10.35  | 106  | 150900   | 22.702 | ug/l   | 99       |
| 73) Isopropylbenzene        | 11.00  | 105  | 93315    | 5.440  | ug/l   | 99       |
| 78) n-propylbenzene         | 11.34  | 91   | 308174   | 16.098 | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene  | 11.49  | 105  | 119131   | 8.050  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene  | 11.79  | 105  | 638816   | 41.903 | ug/l   | 98       |
| 85) sec-Butylbenzene        | 11.93  | 105  | 16456m   | 0.968  | ug/l   |          |
| 86) p-Isopropyltoluene      | 12.05  | 119  | 8164     | 0.524  | ug/l   | 89       |
| 89) n-Butylbenzene          | 12.37  | 91   | 47157    | 3.529  | ug/l # | 47       |
| 95) Naphthalene             | 13.82  | 128  | 537466   | 33.043 | ug/l   | 99       |

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

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