

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\  
 Data File : VX019524.D  
 Acq On : 21 Nov 2020 03:57  
 Operator : JC/MD  
 Sample : L4779-04  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 1608

Quant Time: Nov 21 06:59:02 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112120W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Nov 21 01:57:45 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.62  | 168  | 322850   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 525443   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 455530   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 207063   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |        |
|---------------------------|--------|-------|----------|----------|------|--------|
| 33) 1,2-Dichloroethane-d4 | 6.03   | 65    | 192978   | 46.10    | ug/l | 0.00   |
| Spiked Amount             | 50.000 | Range | 61 - 141 | Recovery | =    | 92.20% |
| 35) Dibromofluoromethane  | 5.46   | 113   | 157390   | 47.72    | ug/l | 0.00   |
| Spiked Amount             | 50.000 | Range | 69 - 133 | Recovery | =    | 95.44% |
| 50) Toluene-d8            | 8.70   | 98    | 620387   | 48.41    | ug/l | 0.00   |
| Spiked Amount             | 50.000 | Range | 65 - 126 | Recovery | =    | 96.82% |
| 62) 4-Bromofluorobenzene  | 11.12  | 95    | 220358   | 47.79    | ug/l | 0.00   |
| Spiked Amount             | 50.000 | Range | 58 - 135 | Recovery | =    | 95.58% |

## Target Compounds

|                            |       |     |        |         |        | Qvalue |
|----------------------------|-------|-----|--------|---------|--------|--------|
| 11) Tert butyl alcohol     | 3.04  | 59  | 215037 | 271.440 | ug/l   | 100    |
| 16) Acetone                | 2.43  | 43  | 174855 | 108.014 | ug/l   | 97     |
| 17) Carbon Disulfide       | 2.54  | 76  | 34864  | 4.049   | ug/l   | 98     |
| 18) Methyl Acetate         | 2.75  | 43  | 47725  | 12.506  | ug/l   | 96     |
| 25) 2-Butanone             | 4.64  | 43  | 81124  | 33.360  | ug/l   | 97     |
| 40) Benzene                | 6.11  | 78  | 3643   | 0.241   | ug/l   | 90     |
| 51) 4-Methyl-2-Pentanone   | 8.62  | 43  | 32524  | 7.175   | ug/l   | 99     |
| 52) Toluene                | 8.76  | 92  | 16136  | 1.743   | ug/l   | 98     |
| 59) 2-Hexanone             | 9.48  | 43  | 13407  | 3.900   | ug/l   | 94     |
| 67) Ethyl Benzene          | 10.23 | 91  | 3452   | 0.210   | ug/l   | 100    |
| 68) m/p-Xylenes            | 10.34 | 106 | 2558   | 0.418   | ug/l   | 91     |
| 69) o-Xylene               | 10.68 | 106 | 1261   | 0.216   | ug/l   | 94     |
| 80) 1,3,5-Trimethylbenzene | 11.49 | 105 | 6656   | 0.554   | ug/l   | 93     |
| 84) 1,2,4-Trimethylbenzene | 11.79 | 105 | 32133  | 2.643   | ug/l   | 79     |
| 85) sec-Butylbenzene       | 11.93 | 105 | 9857   | 0.713   | ug/l   | 92     |
| 86) p-Isopropyltoluene     | 12.05 | 119 | 11894  | 0.947   | ug/l   | 91     |
| 89) n-Butylbenzene         | 12.37 | 91  | 6826   | 0.601   | ug/l # | 40     |
| 95) Naphthalene            | 13.82 | 128 | 25205  | 3.756   | ug/l # | 87     |

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

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