

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020720\  
 Data File : VX014869.D  
 Acq On : 07 Feb 2020 14:28  
 Operator : JC/SP  
 Sample : L1440-01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TW-1

Quant Time: Feb 20 11:36:36 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Jan 15 12:41:12 2020  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.01  | 128  | 70002    | 30.00 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene | 6.85  | 114  | 378051   | 30.00 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5    | 10.10 | 117  | 339014   | 30.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 27) 1,2-Dichloroethane-d4 | 6.05   | 65    | 153455   | 31.19    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 50 - 169 | Recovery | =    | 103.97% |
| 60) 4-Bromofluorobenzene  | 11.14  | 95    | 155169   | 28.60    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 56 - 143 | Recovery | =    | 95.33%  |
| 63) Toluene-d8            | 8.71   | 98    | 434401   | 28.37    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 66 - 137 | Recovery | =    | 94.57%  |

## Target Compounds

|                            |       |     |       |              | Ovalue |
|----------------------------|-------|-----|-------|--------------|--------|
| 30) 2-Butanone             | 4.66  | 43  | 12672 | 3.608 ug/l   | 99     |
| 36) 1,2-Dichloroethane     | 6.18  | 62  | 20155 | 3.380 ug/l # | 84     |
| 66) Ethyl Benzene          | 10.25 | 91  | 10376 | 0.530 ug/l   | 95     |
| 67) m/p-Xylenes            | 10.35 | 106 | 21774 | 2.902 ug/l   | 99     |
| 68) o-Xylene               | 10.70 | 106 | 18944 | 2.592 ug/l   | 99     |
| 74) n-propylbenzene        | 11.35 | 91  | 12253 | 0.560 ug/l   | 93     |
| 76) 1,3,5-Trimethylbenzene | 11.50 | 105 | 18296 | 1.147 ug/l   | 98     |
| 78) 4-Chlorotoluene        | 11.51 | 91  | 4505  | 0.303 ug/l   | 80     |
| 80) 1,2,4-Trimethylbenzene | 11.81 | 105 | 64407 | 4.048 ug/l   | 97     |
| 91) Naphthalene            | 13.83 | 128 | 6919  | 0.388 ug/l # | 93     |

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020720\  
Data File : VX014869.D  
Acq On : 07 Feb 2020 14:28  
Operator : JC/SP  
Sample : L1440-01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
TW-1

Quant Time: Feb 20 11:36:36 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Wed Jan 15 12:41:12 2020  
Response via : Initial Calibration

