

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010620\  
 Data File : VX014437.D  
 Acq On : 06 Jan 2020 19:02  
 Operator : JC/SP  
 Sample : K6476-01DL 10X  
 Misc : 6.96g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WP022SB454\_191227-12-14DL

Quant Time: Jan 07 06:18:17 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X121319W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 17 03:01:07 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 562375   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 851671   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 771900   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 386634   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.05   | 65  | 297019   | 46.60 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 93.20%  |      |
| 35) Dibromofluoromethane  | 5.49   | 113 | 248638   | 48.03 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.06%  |      |
| 50) Toluene-d8            | 8.71   | 98  | 1014521  | 50.33 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.66% |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 365068   | 49.55 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.10%  |      |

## Target Compounds

|                            |       |     |         |        |        | Qvalue |
|----------------------------|-------|-----|---------|--------|--------|--------|
| 31) Cyclohexane            | 5.58  | 56  | 10448   | 1.097  | ug/l # | 92     |
| 39) Methylcyclohexane      | 7.46  | 83  | 41935   | 4.346  | ug/l   | 98     |
| 52) Toluene                | 8.78  | 92  | 38873   | 2.558  | ug/l   | 94     |
| 65) Chlorobenzene          | 10.14 | 112 | 889622  | 54.204 | ug/l   | 97     |
| 67) Ethyl Benzene          | 10.25 | 91  | 29255   | 1.037  | ug/l   | 95     |
| 68) m/p-Xylenes            | 10.35 | 106 | 46160   | 4.253  | ug/l   | 100    |
| 69) o-Xylene               | 10.70 | 106 | 15819   | 1.486  | ug/l   | 93     |
| 78) n-propylbenzene        | 11.35 | 91  | 43388   | 1.421  | ug/l   | 97     |
| 80) 1,3,5-Trimethylbenzene | 11.50 | 105 | 83711   | 3.654  | ug/l   | 99     |
| 84) 1,2,4-Trimethylbenzene | 11.81 | 105 | 176559  | 7.695  | ug/l   | 99     |
| 85) sec-Butylbenzene       | 11.94 | 105 | 27816   | 1.057  | ug/l   | 99     |
| 86) p-Isopropyltoluene     | 12.06 | 119 | 26152   | 1.086  | ug/l   | 98     |
| 87) 1,3-Dichlorobenzene    | 12.02 | 146 | 110528  | 8.420  | ug/l   | 93     |
| 88) 1,4-Dichlorobenzene    | 12.09 | 146 | 468179  | 35.077 | ug/l   | 99     |
| 89) n-Butylbenzene         | 12.38 | 91  | 50493   | 2.458  | ug/l # | 48     |
| 91) 1,2-Dichlorobenzene    | 12.39 | 146 | 1000915 | 75.746 | ug/l   | 100    |
| 93) 1,2,4-Trichlorobenzene | 13.64 | 180 | 53886   | 6.274  | ug/l   | 93     |
| 95) Naphthalene            | 13.83 | 128 | 164889  | 6.534  | ug/l   | 99     |

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

