

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092019\  
 Data File : VX012559.D  
 Acq On : 20 Sep 2019 15:58  
 Operator : JC/SP  
 Sample : K4830-04DL 40X  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 S13-0272DL

Manual Integrations  
 APPROVED

MMDadoda  
 9/23/2019 11:30:06 AM

Quant Time: Sep 21 02:23:07 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X091719W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 17 15:27:10 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 5.65  | 168  | 185771   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.85  | 114  | 294198   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.11 | 117  | 247927   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.07 | 152  | 100982   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.06  | 65   | 124446   | 46.74  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 93.48%  |          |
| 35) Dibromofluoromethane    | 5.48  | 113  | 86893    | 48.80  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 97.60%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 343732   | 52.15  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 104.30% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 122045   | 44.60  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 89.20%  |          |
| Target Compounds            |       |      |          |        |         |          |
|                             |       |      |          |        | Qvalue  |          |
| 31) Cyclohexane             | 5.58  | 56   | 36934    | 20.085 | ug/l    | 95       |
| 39) Methylcyclohexane       | 7.46  | 83   | 59063    | 33.980 | ug/l    | 93       |
| 67) Ethyl Benzene           | 10.25 | 91   | 68694    | 9.771  | ug/l    | 98       |
| 68) m/p-Xylenes             | 10.36 | 106  | 1394     | 0.545  | ug/l    | 93       |
| 73) Isopropylbenzene        | 11.01 | 105  | 25101    | 3.962  | ug/l    | 98       |
| 78) n-propylbenzene         | 11.35 | 91   | 34467    | 4.881  | ug/l    | 98       |
| 80) 1,3,5-Trimethylbenzene  | 11.50 | 105  | 21249    | 3.932  | ug/l    | 99       |
| 84) 1,2,4-Trimethylbenzene  | 11.81 | 105  | 171797   | 30.964 | ug/l    | 97       |
| 85) sec-Butylbenzene        | 11.94 | 105  | 6965     | 1.092  | ug/l    | 91       |
| 86) p-Isopropyltoluene      | 12.06 | 119  | 5008     | 0.855  | ug/l    | 90       |
| 89) n-Butylbenzene          | 12.38 | 91   | 3794m    | 0.726  | ug/l    |          |
| 95) Naphthalene             | 13.83 | 128  | 51696    | 7.424  | ug/l    | 99       |

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

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