

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081319\  
 Data File : VX011536.D  
 Acq On : 13 Aug 2019 15:17  
 Operator : JC/SP  
 Sample : K4279-05DL 5X  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 Z3-0668DL

Manual Integrations  
 APPROVED

MMDadoda  
 8/14/2019 11:31:55 AM

Quant Time: Aug 14 02:09:23 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X080119W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 02 01:55:00 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 5.66  | 168  | 205781   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.85  | 114  | 306641   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.11 | 117  | 277689   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.07 | 152  | 138682   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.06  | 65   | 113378   | 54.71  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 109.42% |          |
| 35) Dibromofluoromethane    | 5.49  | 113  | 92888    | 46.40  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 92.80%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 359412   | 47.56  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 95.12%  |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 127806   | 47.37  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 94.74%  |          |
| Target Compounds            |       |      |          |        |         |          |
|                             |       |      |          |        | Qvalue  |          |
| 31) Cyclohexane             | 5.57  | 56   | 34413    | 12.895 | ug/l    | 95       |
| 39) Methylcyclohexane       | 7.46  | 83   | 13430    | 4.232  | ug/l    | 91       |
| 40) Benzene                 | 6.14  | 78   | 10038    | 1.256  | ug/l #  | 89       |
| 67) Ethyl Benzene           | 10.25 | 91   | 282979   | 28.379 | ug/l    | 100      |
| 68) m/p-Xylenes             | 10.36 | 106  | 6583     | 1.707  | ug/l    | 89       |
| 73) Isopropylbenzene        | 11.02 | 105  | 28261    | 2.980  | ug/l    | 99       |
| 78) n-propylbenzene         | 11.36 | 91   | 34872    | 3.306  | ug/l    | 100      |
| 84) 1,2,4-Trimethylbenzene  | 11.80 | 105  | 188634   | 23.862 | ug/l    | 99       |
| 85) sec-Butylbenzene        | 11.94 | 105  | 3342m    | 0.357  | ug/l    |          |
| 95) Naphthalene             | 13.83 | 128  | 94023    | 10.383 | ug/l    | 100      |

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

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