

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062520\  
 Data File : VN062119.D  
 Acq On : 25 Jun 2020 18:30  
 Operator : JC/MD  
 Sample : L3071-04DL 5X  
 Misc : 10.62g/5.0mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SB-BDL

Manual Integrations  
 APPROVED

MMDadoda  
 6/26/2020 7:01:28 PM

Quant Time: Jun 26 06:48:01 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N062420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 24 15:33:00 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.   | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.62   | 168  | 260636   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.55   | 114  | 476502   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.38  | 117  | 470209   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.32  | 152  | 229435   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |        |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 7.99   | 65   | 168366   | 46.03  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 92.06%  |          |
| 35) Dibromofluoromethane    | 7.55   | 113  | 138679   | 45.36  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 90.72%  |          |
| 50) Toluene-d8              | 10.06  | 98   | 615241   | 50.35  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 100.70% |          |
| 62) 4-Bromofluorobenzene    | 12.38  | 95   | 232517   | 56.32  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 112.64% |          |
| Target Compounds            |        |      |          |        |         |          |
|                             |        |      |          |        | Qvalue  |          |
| 31) Cyclohexane             | 7.60   | 56   | 137591   | 27.228 | ug/l #  | 54       |
| 39) Methylcyclohexane       | 9.05   | 83   | 110995   | 21.151 | ug/l #  | 65       |
| 40) Benzene                 | 8.00   | 78   | 17438    | 1.195  | ug/l    | 99       |
| 52) Toluene                 | 10.12  | 92   | 85988    | 9.654  | ug/l    | 100      |
| 67) Ethyl Benzene           | 11.48  | 91   | 885932   | 50.801 | ug/l    | 99       |
| 68) m/p-Xylenes             | 11.60  | 106  | 424608   | 62.950 | ug/l    | 100      |
| 69) o-Xylene                | 11.92  | 106  | 27891    | 4.383  | ug/l    | 94       |
| 73) Isopropylbenzene        | 12.22  | 105  | 487718   | 27.461 | ug/l    | 99       |
| 78) n-propylbenzene         | 12.56  | 91   | 876556   | 43.148 | ug/l    | 100      |
| 80) 1,3,5-Trimethylbenzene  | 12.71  | 105  | 476925   | 33.126 | ug/l    | 99       |
| 84) 1,2,4-Trimethylbenzene  | 13.01  | 105  | 920061   | 63.986 | ug/l    | 100      |
| 85) sec-Butylbenzene        | 13.15  | 105  | 72641    | 4.462  | ug/l #  | 52       |
| 86) p-Isopropyltoluene      | 13.26  | 119  | 22114    | 1.550  | ug/l    | 99       |
| 89) n-Butylbenzene          | 13.59  | 91   | 130895m  | 11.038 | ug/l    |          |
| 95) Naphthalene             | 15.10  | 128  | 170497   | 18.340 | ug/l    | 97       |

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

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