

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN050219\  
 Data File : VN055353.D  
 Acq On : 2 May 2019 16:44  
 Operator : JC/SP  
 Sample : K2658-09 5X  
 Misc : 5.65g/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 EP1-SB-E2-3(14-17)

Manual Integrations  
 APPROVED

MMDadoda  
 5/3/2019 1:09:57 PM

Quant Time: May 03 04:17:27 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N042919W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 30 07:16:52 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response  | Conc     | Units   | Dev(Min) |
|-----------------------------|-------|------|-----------|----------|---------|----------|
| 1) Pentafluorobenzene       | 7.67  | 168  | 343539    | 50.00    | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.59  | 114  | 600004    | 50.00    | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.41 | 117  | 585762    | 50.00    | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.35 | 152  | 297545    | 50.00    | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |           |          |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 244051    | 54.30    | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery  | =        | 108.60% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 190122    | 48.28    | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery  | =        | 96.56%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 796317    | 56.00    | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery  | =        | 112.00% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 443081    | 99.69    | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery  | =        | 199.38% |          |
| Target Compounds            |       |      |           |          |         |          |
|                             |       |      |           |          | Qvalue  |          |
| 16) Acetone                 | 3.82  | 43   | 16611     | 11.862   | ug/l    | 94       |
| 39) Methylcyclohexane       | 9.08  | 83   | 101837    | 16.666   | ug/l    | 98       |
| 67) Ethyl Benzene           | 11.51 | 91   | 1723374   | 83.332   | ug/l    | 99       |
| 68) m/p-Xylenes             | 11.62 | 106  | 2426511   | 328.712  | ug/l    | 100      |
| 69) o-Xylene                | 11.95 | 106  | 165741    | 22.653   | ug/l    | 87       |
| 73) Isopropylbenzene        | 12.25 | 105  | 2840871   | 124.717  | ug/l    | 100      |
| 78) n-propylbenzene         | 12.59 | 91   | 8053811   | 263.506  | ug/l    | 99       |
| 80) 1,3,5-Trimethylbenzene  | 12.73 | 105  | 12454957  | 533.939  | ug/l    | 100      |
| 83) tert-Butylbenzene       | 12.99 | 119  | 485072    | 28.104   | ug/l    | 96       |
| 84) 1,2,4-Trimethylbenzene  | 13.03 | 105  | 21154849m | 1014.035 | ug/l    |          |
| 85) sec-Butylbenzene        | 13.17 | 105  | 3939373   | 155.376  | ug/l #  | 75       |
| 86) p-Isopropyltoluene      | 13.29 | 119  | 3555724   | 170.631  | ug/l    | 99       |
| 89) n-Butylbenzene          | 13.62 | 91   | 3769069   | 254.536  | ug/l #  | 79       |
| 95) Naphthalene             | 15.13 | 128  | 1581513   | 181.823  | ug/l    | 100      |

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

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