

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032419\  
 Data File : VN054645.D  
 Acq On : 24 Mar 2019 13:55  
 Operator : JC/SP  
 Sample : K2047-07  
 Misc : 6.74g/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WP022SB445-190320-(17-19)

Manual Integrations  
 APPROVED

MMDadoda  
 3/25/2019 9:54:50 AM

Quant Time: Mar 25 09:35:38 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N032019W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 22 02:09:07 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.   | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.66   | 168  | 523427   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.58   | 114  | 854872   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.41  | 117  | 750421   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.34  | 152  | 321471   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |        |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.02   | 65   | 343251   | 52.72  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 105.44% |          |
| 35) Dibromofluoromethane    | 7.59   | 113  | 258719   | 46.98  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 93.96%  |          |
| 50) Toluene-d8              | 10.09  | 98   | 1053492  | 50.88  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 101.76% |          |
| 62) 4-Bromofluorobenzene    | 12.40  | 95   | 340241   | 48.29  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 96.58%  |          |
| Target Compounds            |        |      |          |        |         |          |
| 39) Methylcyclohexane       | 9.08   | 83   | 24443    | 2.673  | ug/l #  | 84       |
| 65) Chlorobenzene           | 11.43  | 112  | 690959   | 45.271 | ug/l    | 100      |
| 87) 1,3-Dichlorobenzene     | 13.28  | 146  | 21000m   | 1.972  | ug/l    |          |
| 88) 1,4-Dichlorobenzene     | 13.36  | 146  | 52046    | 5.024  | ug/l #  | 86       |
| 89) n-Butylbenzene          | 13.62  | 91   | 16200    | 1.005  | ug/l    | 94       |
| 91) 1,2-Dichlorobenzene     | 13.65  | 146  | 73604    | 7.137  | ug/l    | 89       |

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

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