Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL112018\
Data File : VL032779.D
Acq On : 20 Nov 2018 15:32
Operator : SY/AP
Sample : J5961-03 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV1

Manual Integrations APPROVED
MMDadoda
11/26/2018 9:18:41 AM

Quant Time: Nov 21 21:18:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 1
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.77 | 49 | 1436776 | 10.00 | ppbv | | 0.00 |
| 33) 1,4-Difluorobenzene | 7.30 | 114 | 3742160 | 10.00 | ppbv | | 0.00 |
| 55) Chlorobenzene-d5 | 12.26 | 117 | 3552111 | 10.00 | ppbv | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.60 | 95 | 2853980 | 10.74 | ppbv | | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 107.40% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 13) Ethanol | 3.68 | 45 | 14206m | 0.951 | ppbv | | |
| 15) Acetone | 3.92 | 43 | 139098 | 1.060 | ppbv | | 94 |
| 26) Hexane | 5.79 | 57 | 156726 | 1.151 | ppbv | # | 42 |
| 27) Carbon Disulfide | 4.64 | 76 | 181235 | 1.050 | ppbv | | 96 |
| 29) Chloroform | 5.85 | 83 | 30823 | 0.127 | ppbv | | 84 |
| 38) Trichloroethene | 7.97 | 130 | 127628 | 1.058 | ppbv | | 89 |
| 52) Tetrachloroethene | 11.44 | 164 | 33439388 | 322.581 | ppbv | | 88 |
| 53) Toluene | 9.96 | 91 | 164864 | 0.530 | ppbv | | 99 |
| 58) Ethyl Benzene | 12.89 | 91 | 104968 | 0.246 | ppbv | | 96 |
| 59) m/p-Xylene | 13.15 | 91 | 466230 | 1.225 | ppbv | | 99 |
| 60) o-Xylene | 13.88 | 91 | 220776m | 0.577 | ppbv | | |
| 72) 4-Ethyltoluene | 16.02 | 105 | 114450 | 0.273 | ppbv | # | 93 |
| 73) 1,3,5-Trimethylbenzene | 16.17 | 105 | 108067m | 0.264 | ppbv | | |
| 74) 1,2,4-Trimethylbenzene | 16.95 | 105 | 367402 | 0.837 | ppbv | # | 70 |

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

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