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BA Scenario														
Stream Name	3-11	3-12	3-13	3-14	3-15	3-16	3-17	3-18	3-19	3-20	3-21	3-22	3-23	3-24
Temperature (K)	457	457	750	750	333	333	333	333	-	512	512	298	298	750
Pressure (atm)	1	1	1	1	1	1	1	1	-	1	1	1	1	1
Mass Flow (tonnes/year)	1597.45	1597.45	1597.45	5318.88	1743.98	1679.84	3574.90	64.15	-	596.89	596.89	3721.43	3721.43	3721.43
TOLUENE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-	0.00%	0.00%	0.00%	0.00%	0.00%
MNT	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-	0.00%	0.00%	0.00%	0.00%	0.00%
ONT	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-	0.00%	0.00%	0.00%	0.00%	0.00%
PNT	99.92%	99.92%	99.92%	11.46%	34.73%	35.69%	0.11%	9.44%	-	99.80%	99.80%	0.00%	0.00%	0.00%
HNO3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-	0.00%	0.00%	0.00%	0.00%	0.00%
O-TOL	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-	0.00%	0.00%	0.00%	0.00%	0.00%
4-NBH	0.05%	0.05%	0.05%	19.60%	59.67%	61.33%	0.05%	16.22%	-	0.12%	0.12%	0.00%	0.00%	0.00%
WATER	0.03%	0.03%	0.03%	2.44%	2.71%	0.03%	2.31%	73.06%	-	0.08%	0.08%	0.00%	0.00%	0.00%
4-NBA	0.00%	0.00%	0.00%	0.92%	2.80%	2.88%	0.00%	0.76%	-	0.00%	0.00%	0.00%	0.00%	0.00%
4-ABA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-	0.00%	0.00%	0.00%	0.00%	0.00%
H2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-	0.00%	0.00%	0.00%	0.00%	0.00%
METHANOL	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-	0.00%	0.00%	0.00%	0.00%	0.00%
N2	0.00%	0.00%	0.00%	53.67%	0.01%	0.00%	79.85%	0.39%	-	0.00%	0.00%	76.71%	76.71%	76.71%
O2	0.00%	0.00%	0.00%	11.88%	0.00%	0.00%	17.68%	0.10%	-	0.00%	0.00%	23.29%	23.29%	23.29%
4-NITROBENZYL ALCOHOL	0.00%	0.00%	0.00%	0.02%	0.06%	0.07%	0.00%	0.02%	-	0.00%	0.00%	0.00%	0.00%	0.00%
4-ABH	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-	0.00%	0.00%	0.00%	0.00%	0.00%
FORMIC ACID	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-	0.00%	0.00%	0.00%	0.00%	0.00%
CO2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-	0.00%	0.00%	0.00%	0.00%	0.00%

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BA Scenario		
Stream Name	6-11	6-12
Temperature (K)	298	298
Pressure (atm)	1	1
Mass Flow (tonnes/year)	819.02	468.13
TOLUENE	0.00%	0.00%
MNT	0.00%	0.00%
ONT	0.00%	0.00%
PNT	0.00%	0.00%
HNO3	0.00%	0.00%
O-TOL	0.00%	0.00%
4-NBH	0.00%	0.00%
WATER	0.00%	0.00%
4-NBA	0.00%	0.00%
4-ABA	100.0%	0.00%
H2	0.00%	0.00%
METHANOL	0.00%	0.00%
N2	0.00%	0.03%
O2	0.00%	42.08%
4-NITROBENZYL ALCOHOL	0.00%	0.00%
4-ABH	0.00%	0.00%
FORMIC ACID	0.00%	0.00%
CO2	0.00%	57.88%