







ANALYZER NAME: AT-601

STREAM NAME: Ov1 Stream 1

INJECT TIME: 2021-10-12-14:16:13.0000

SCHEDULE: SCHD AT-601-1

ANALYSIS: ANLYS\_524072-020

PGC5K - Report Data 76

CYCLE TIME: 240

Peak Data																			
Component Name	Concentration	RT Actual	RT Expected	Response Factor	Valid	Type	Total Area	Positive Area	Peak Found	Negative Area	SOI	EOI	SOB	EOB	Ampl SOI	Ampl EOI	Ampl SOB	Ampl EOB	Ampl Crest
N2_OV1ST1	60,75281	25,343	25	0,01722119	True	Measured	3528,156	3527,794	True	0,3626585	19	31	19	32	0,0000	-0,2051	0,1919	-0,3446	2217,4596
H2 MID_OV1ST1	0,004235608	58,734	59	0,02138996	True	Measured	0,2002835	0,1980186	True	0,002264977	51,398	68,015	49,796	68,015	-0,0024	0,0000	-0,0442	-0,0442	0,0679
ETHYLEN_OV1ST1	31,20266	81,25	82	0,0139158	True	Measured	2242,254	2242,247	True	0,007343292	70,773	97,734	70,773	96,945	0,0000	-0,0072	-0,0179	-0,0287	352,7367
ETHANE_OV1ST1	0,02198042	109,398	108	0,01338296	True	Measured	1,645327	1,642418	True	0,002908707	97,734	121,882	97,734	124,328	0,0000	-0,0036	-0,0358	-0,0632	0,2002
PROPANE_OV1ST1	0,658986	116	114	0,06491251	True	Measured	10,30889	10,15191	True	0,1569748	109,726	122,812	107,914	122,812	-0,0322	0,0000	0,1358	0,0000	4,3368
PROPYLN_OV1ST1	5,640636	134,117	133	0,06676957	True	Measured	84,49493	84,47914	True	0,01578331	127,539	143,664	126,304	144,789	-0,0048	0,0131	-0,0132	0,0023	28,4385
NHEXANE_OV1ST1	0,01884202	159,007	156	0,01624777	True	Measured	1,159716	1,159668	True	4,768372E-05	145,976	170,773	145,976	170,773	0,0000	0,0000	-0,0668	-0,0549	0,1466
1HEXENE_OV1ST1	0,2698548	188,765	186	0,01668078	True	Measured	16,17765	16,1776	True	5,960464E-05	170,773	207,179	170,773	207,179	0,0000	0,0000	-0,0549	-0,0132	2,0587
1BUTENE_OV1ST1	0,01777843	202,5	202	0,0566154	True	Measured	0,3140211	0,3140211	True	0	189,148	217,054	188,148	217,054	0,0000	0,0000	-0,0549	-0,0549	0,0381

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TCFs										
Type	Name	Description	Scope	Relative Offset	Startup Purge A Cycle Time M Sequence Offset	Absolute Offset	Hardware	Settings 1	Settings 2	Action
ANALYSIS	ANLYS_524072-020				5					
METHOD	MTD_524072-20		AT-601-1		240					
TCF	StreamStep	Stream Step	Method	150	0	150				
TCF	DigInCheck	Low Sample Flow	Method	130	0	130	Ov1 Sample Alarm			
SEQUENCE	Seq V1 sTCD Ref				0					
TCF	ValveOn	OV1 SV 7 BV on	Sequence	1	0	1	Ov1 SV7 Block Vent			
TCF	ValveOn	OV1 Valve 1 on	Sequence	4	0	4	Ov1 Valve 1			
TCF	ValveOff	OV1 Valve 1 off	Sequence	25	0	25	Ov1 Valve 1			
TCF	ValveOff	OV1 SV7 BV off	Sequence	7	0	7	Ov1 SV7 Block Vent			
TCF	AutoZero	Auto Zero	Sequence	15	0	15	Ov1 TCD 2			
TCF	Component	OV1 Hydrogen Mid	Sequence	59	0	59	Ov1 TCD 2			
SEQUENCE	Seq V2 mTCD meas1				0					
TCF	AutoZero	AutoZero	Sequence	10	0	10	Ov1 TCD 1- 1			
TCF	ValveOn	OV1 Valve 2 on	Sequence	5	0	5	Ov1 Valve 2			
TCF	ValveOff	OV1 Valve 2 off	Sequence	105	0	105	Ov1 Valve 2			
TCF	Component	OV1 1-HEXENE	Sequence	186	0	186	Ov1 TCD 1- 1			
TCF	Component	OV1 N-HEXANE	Sequence	156	0	156	Ov1 TCD 1- 1			
SEQUENCE	Seq V3 mTCD meas2				0					

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TCF	AutoZero	AutoZero	Sequence	10	0	10	Ov1 TCD 1-2			
TCF	ValveOn	OV1 Valve 3 on	Sequence	5	0	5	Ov1 Valve 3			
TCF	ValveOff	OV1 Valve 3 off	Sequence	40	0	40	Ov1 Valve 3			
TCF	Component	OV1 Nitrogen	Sequence	25	0	25	Ov1 TCD 1-2			
TCF	Component	OV1 Ethylene	Sequence	82	0	82	Ov1 TCD 1-2			
TCF	Component	OV1 Ethane	Sequence	108	0	108	Ov1 TCD 1-2			
SEQUENCE	Seq V4 sTCD Meas				20					
TCF	ValveOn	OV1 SV 7 BV on	Sequence	1	20	21	Ov1 SV7 Block Vent			
TCF	ValveOn	OV1 Valve 4 on	Sequence	5	20	25	Ov1 Valve 4			
TCF	ValveOff	OV1 Valve 4 off	Sequence	75	20	95	Ov1 Valve 4			
TCF	ValveOff	OV1 SV7 BV off	Sequence	7	20	27	Ov1 SV7 Block Vent			
TCF	Component	OV1 Propane	Sequence	94	20	114	Ov1 TCD 2			
TCF	Component	OV1 Propylene	Sequence	113	20	133	Ov1 TCD 2			
TCF	Component	OV1 1-Butene	Sequence	182	20	202	Ov1 TCD 2			

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Components													
Name	Description	Begin Crest	End Crest	Begin SOI	End SOI	Begin EOI	End EOI	Begin SOB	End SOB	Begin EOB	End EOB	Detector	Peak Type
H2 MID_OV1ST1	OV1 Hydrogen Mid	-3	4	-11	-7	9	13	-11	-8	9	11	Ov1 TCD 2	Positive
1HEXENE_O V1ST1	OV1 1- HEXENE	-7	10	-17	-11	17	23	-17	-11	17	22	Ov1 TCD 1-1	Positive
NHEXANE_O V1ST1	OV1 N- HEXANE	-8	10	-15	-9	11	17	-14	-10	11	18	Ov1 TCD 1-1	Positive
N2_OV1ST1	OV1 Nitrogen	-2	2	-6	-4	6	9	-6	-4	7	9	Ov1 TCD 1-2	Positive
ETHYLEN_OV 1ST1	OV1 Ethylene	-3	3	-15	-11	10	16	-14	-11	11	15	Ov1 TCD 1-2	Positive
ETHANE_OV 1ST1	OV1 Ethane	-3	3	-14	-10	13	17	-14	-10	16	22	Ov1 TCD 1-2	Positive
PROPANE_O V1ST1	OV1 Propane	-2	2	-8	-4	6	10	-9	-6	6	10	Ov1 TCD 2	Positive
PROPYLN_O V1ST1	OV1 Propylene	-3	3	-8	-5	7	11	-9	-6	8	12	Ov1 TCD 2	Positive
1BUTENE_O V1ST1	OV1 1-Butene	-4	4	-13	-9	11	17	-14	-11	14	18	Ov1 TCD 2	Positive

## Report

NAME: STD20211012141613.rpt  
2021-10-12-14:16:13.0000 Ov1 Stream 1  
Standard, Analysis: ANLYS\_524072-020

Detector: Ov1 TCD 1-1

Name	RT	Concentration	Valid
NHEXANE_OV1ST1	159,007	0,01884202 %	OK
1HEXENE_OV1ST1	188,765	0,2698548 %	OK

Detector: Ov1 TCD 1-2

Name	RT	Concentration	Valid
N2_OV1ST1	25,343	60,75281 %	OK
ETHYLEN_OV1ST1	81,25	31,20266 %	OK
ETHANE_OV1ST1	109,398	0,02198042 %	OK

Detector: Ov1 TCD 2

Name	RT	Concentration	Valid
H2 MID_OV1ST1	58,734	0,004235608 %	OK
PROPANE_OV1ST1	116	0,658986 %	OK
PROPYLN_OV1ST1	134,117	5,640636 %	OK
1BUTENE_OV1ST1	202,5	0,01777843 %	OK