







ANALYZER NAME: AT-601

STREAM NAME: Ov2 Stream 1

INJECT TIME: 2021-10-13-14:17:43.0000

SCHEDULE: SCHD AT-601-2

ANALYSIS: ANLYS_524072-030

PGC5K - Report Data 78

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_OV2ST1	60,46804	25,484	25	0,01730465	True	Measured	3439,977	3439,55	True	0,4271626	19	31	16	33	0,1513	-0,3577	0,1204	-0,2385	2201,9863
H2 MID_OV2ST1	0,006305297	59,023	59	0,02173301	True	Measured	0,2867579	0,2855778	True	0,001180172	52,835	67	50,023	69,828	-0,0036	0,0011	-0,1193	-0,1133	0,1013
ETHYLEN_OV2ST1	30,8482	79,429	81	0,01408493	True	Measured	2155,826	2155,826	True	0	70,765	93,976	70,765	93,976	0,0000	0,0000	-0,0144	-0,0167	356,3868
ETHANE_OV2ST1	0,02123593	106,546	105	0,01330336	True	Measured	1,583219	1,571262	True	0,01195669	95,718	118,703	95,718	119,773	0,0000	0,0023	-0,0275	-0,0358	0,2026
PROPANE_OV2ST1	1,266412	114	112	0,06251743	True	Measured	20,06561	19,93942	True	0,126183	107,984	119,914	107	119,914	-0,0203	0,0000	0,2622	0,0739	8,6176
PROPYLN_OV2ST1	7,167389	128,726	128	0,06412859	True	Measured	110,0289	110,014	True	0,01490116	122,343	139,968	121,843	139,968	-0,0012	0,0000	0,0512	0,0619	37,8942
NHEXANE_OV2ST1	0,01228063	148,914	148	0,01737953	True	Measured	0,6955981	0,6955385	True	5,960464E-05	137,789	157,023	137,789	157,023	0,0000	0,0000	-0,3708	-0,3648	0,1025
1HEXENE_OV2ST1	0,1995335	170,523	170	0,01770965	True	Measured	11,09142	11,09033	True	0,001096725	159	184	159	184	0,0000	0,0000	-0,3529	-0,3446	1,5401
1BUTENE_OV2ST1	0,01060904	188,867	187	0,0537754	True	Measured	0,1944542	0,1941919	True	0,0002622604	178,757	197,945	176,929	197,945	-0,0012	0,0000	-0,0275	-0,0334	0,0321

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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_524072-030				5					
METHOD	MTD_524072-030		AT-601-2		240					
TCF	DigInCheck	Low Sample Flow	Method	130	0	130	Ov2 Sample Alarm			
TCF	StreamStep	Stream Step	Method	150	0	150				
SEQUENCE	Seq V1 sTCD Ref				0					
TCF	ValveOn	OV2 SV 7 BV on	Sequence	1	0	1	Ov2 SV7 Block Vent			
TCF	ValveOn	OV2 Valve 1 on	Sequence	4	0	4	Ov2 Valve 1			
TCF	ValveOff	OV2 Valve 1 off	Sequence	25	0	25	Ov2 Valve 1			
TCF	ValveOff	OV2 SV7 BV off	Sequence	7	0	7	Ov2 SV7 Block Vent			
TCF	AutoZero	Auto Zero	Sequence	15	0	15	Ov2 TCD 2			
TCF	Component	OV2 Hydrogen Mid	Sequence	59	0	59	Ov2 TCD 2			
SEQUENCE	Seq V2 mTCD meas1				0					
TCF	AutoZero	AutoZero	Sequence	10	0	10	Ov2 TCD 1- 1			
TCF	ValveOn	OV2 Valve 2 on	Sequence	5	0	5	Ov2 Valve 2			
TCF	ValveOff	OV2 Valve 2 off	Sequence	104	0	104	Ov2 Valve 2			
TCF	Component	OV2 1-HEXENE	Sequence	170	0	170	Ov2 TCD 1- 1			
TCF	Component	OV2 N-HEXANE	Sequence	148	0	148	Ov2 TCD 1- 1			
SEQUENCE	Seq V3 mTCD meas2				0					

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TCF	AutoZero	AutoZero	Sequence	10	0	10	Ov2 TCD 1-2			
TCF	ValveOn	OV2 Valve 3 on	Sequence	5	0	5	Ov2 Valve 3			
TCF	ValveOff	OV2 Valve 3 off	Sequence	40	0	40	Ov2 Valve 3			
TCF	Component	OV2 Nitrogen	Sequence	25	0	25	Ov2 TCD 1-2			
TCF	Component	OV2 Ethylene	Sequence	81	0	81	Ov2 TCD 1-2			
TCF	Component	OV2 Ethane	Sequence	105	0	105	Ov2 TCD 1-2			
SEQUENCE	Seq V4 sTCD Meas				20					
TCF	ValveOn	OV2 SV 7 BV on	Sequence	1	20	21	Ov2 SV7 Block Vent			
TCF	ValveOn	OV2 Valve 4 on	Sequence	5	20	25	Ov2 Valve 4			
TCF	ValveOff	OV2 Valve 4 off	Sequence	75	20	95	Ov2 Valve 4			
TCF	ValveOff	OV2 SV7 BV off	Sequence	7	20	27	Ov2 SV7 Block Vent			
TCF	Component	OV2 Propane	Sequence	92	20	112	Ov2 TCD 2			
TCF	Component	OV2 Propylene	Sequence	108	20	128	Ov2 TCD 2			
TCF	Component	OV2 1-Butene	Sequence	167	20	187	Ov2 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_OV2ST1	OV2 Hydrogen Mid	-2	2	-8	-6	8	10	-10	-8	10	12	Ov2 TCD 2	Positive
1HEXENE_O V2ST1	OV2 1- HEXENE	-4	5	-11	-8	14	20	-11	-9	14	20	Ov2 TCD 1-1	Positive
NHEXANE_O V2ST1	OV2 N- HEXANE	-4	5	-15	-10	9	13	-15	-10	9	12	Ov2 TCD 1-1	Positive
N2_OV2ST1	OV2 Nitrogen	-2	3	-6	-4	6	8	-9	-7	8	10	Ov2 TCD 1-2	Positive
ETHYLEN_OV 2ST1	OV2 Ethylene	-4	4	-12	-9	10	13	-13	-10	10	13	Ov2 TCD 1-2	Positive
ETHANE_OV 2ST1	OV2 Ethane	-4	4	-11	-9	12	14	-11	-9	12	15	Ov2 TCD 1-2	Positive
PROPANE_O V2ST1	OV2 Propane	-2	2	-7	-4	5	8	-8	-5	5	8	Ov2 TCD 2	Positive
PROPYLN_O V2ST1	OV2 Propylene	-2	2	-7	-5	10	12	-8	-6	10	12	Ov2 TCD 2	Positive
1BUTENE_O V2ST1	OV2 1-Butene	-2	2	-9	-5	8	12	-13	-9	10	14	Ov2 TCD 2	Positive

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Report

NAME: STD20211013141743.rpt
2021-10-13-14:17:43.0000 Ov2 Stream 1
Standard, Analysis: ANLYS_524072-030

Detector: Ov2 TCD 1-1

Name	RT	Concentration	Valid
NHEXANE_OV2ST1	148,914	0,01228063 %	OK
1HEXENE_OV2ST1	170,523	0,1995335 %	OK

Detector: Ov2 TCD 1-2

Name	RT	Concentration	Valid
N2_OV2ST1	25,484	60,46804 %	OK
ETHYLEN_OV2ST1	79,429	30,8482 %	OK
ETHANE_OV2ST1	106,546	0,02123593 %	OK

Detector: Ov2 TCD 2

Name	RT	Concentration	Valid
H2 MID_OV2ST1	59,023	0,006305297 %	OK
PROPANE_OV2ST1	114	1,266412 %	OK
PROPYLN_OV2ST1	128,726	7,167389 %	OK
1BUTENE_OV2ST1	188,867	0,01060904 %	OK