

# Quantitative Analysis Results Summary Report

Batch Path	D:\MassHunter\GCMS\1\data\27dec22a\QuantResults\tq22m1227a.batch.bin	Analyst Name	TAI\us32_usr_ins22923
Analysis Time	1/3/2023 2:39 PM	Reporter Name	TAI\us32_usr_ins22923
Report Time	1/5/2023 3:16:36 PM	Batch State	Processed
Last Calib Update	1/3/2023 2:39 PM	Quant Report Version	10.1
Quant Batch Version	10.1		

## Sequence Table

Data File	sample Name	Sample Type	Vial Position	Inj Vol	Level	Acq Method File
tq122714.D	2.0 uL #3318-65-0.05, 2.0uL #3318-84-0.05	Cal	2	0	L2	tq22m1209
tq122715.D	1.0 uL #3318-65-0.5, 1.0uL #3318-86-0.5	Cal	3	0	L3	tq22m1209
tq122716.D	2.0 uL #3318-65-0.5, 2.0uL #3318-86-0.5	Cal	4	0	L4	tq22m1209
tq122717.D	4.0 uL #3318-65-0.5, 1.0uL #3169-718-2	Cal	5	0	L5	tq22m1209
tq122718.D	1.0 uL #3318-65-5, 2.5.0uL #3169-718-2	Cal	6	0	L6	tq22m1209
tq122719.D	2.0 uL #3318-65-5, 5.0.0uL #3169-718-2	Cal	7	0	L7	tq22m1209

## Quantitation Results

### Compound: PFBA

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
tq122714.D	Calibration	6:2 FTOH-C13	4.399	19499	44557	0.4376	0.1306	0.1000	130.6
tq122715.D	Calibration	6:2 FTOH-C13	4.406	69829	44357	1.5742	0.4698	0.5000	94.0
tq122716.D	Calibration	6:2 FTOH-C13	4.399	154851	43259	3.5797	1.0682	1.0000	106.8
tq122717.D	Calibration	6:2 FTOH-C13	4.400	240611	41650	5.7770	1.7240	2.0000	86.2
tq122718.D	Calibration	6:2 FTOH-C13	4.406	670877	43515	15.4170	4.6008	5.0000	92.0
tq122719.D	Calibration	6:2 FTOH-C13	4.399	1310874	43270	30.2953	9.0408	10.0000	90.4

### Compound: PFPeA

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
tq122714.D	Calibration	6:2 FTOH-C13	4.481	13275	44557	0.2979	0.1002	0.1000	100.2
tq122715.D	Calibration	6:2 FTOH-C13	4.481	65223	44357	1.4704	0.4946	0.5000	98.9
tq122716.D	Calibration	6:2 FTOH-C13	4.481	130674	43259	3.0208	1.0161	1.0000	101.6
tq122717.D	Calibration	6:2 FTOH-C13	4.481	242140	41650	5.8137	1.9555	2.0000	97.8
tq122718.D	Calibration	6:2 FTOH-C13	4.481	634625	43515	14.5839	4.9054	5.0000	98.1
tq122719.D	Calibration	6:2 FTOH-C13	4.481	1329875	43270	30.7344	10.3378	10.0000	103.4

### Compound: PFHxA

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
tq122714.D	Calibration	6:2 FTOH-C13	4.639	6026	44557	0.1352	0.0977	0.1000	97.7
tq122715.D	Calibration	6:2 FTOH-C13	4.639	30095	44357	0.6785	0.4901	0.5000	98.0
tq122716.D	Calibration	6:2 FTOH-C13	4.639	60938	43259	1.4087	1.0176	1.0000	101.8
tq122717.D	Calibration	6:2 FTOH-C13	4.639	114071	41650	2.7388	1.9784	2.0000	98.9
tq122718.D	Calibration	6:2 FTOH-C13	4.639	301345	43515	6.9250	5.0023	5.0000	100.0

# Quantitative Analysis Results Summary Report

## Compound: PFHxA

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
tq122719.D	Calibration	6:2 FTOH-C13	4.639	620454	43270	14.3392	10.3578	10.0000	103.6

## Compound: PFHpA

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
tq122714.D	Calibration	6:2 FTOH-C13	4.920	4361	44557	0.0979	0.1037	0.1000	103.7
tq122715.D	Calibration	6:2 FTOH-C13	4.920	20495	44357	0.4621	0.4894	0.5000	97.9
tq122716.D	Calibration	6:2 FTOH-C13	4.920	41901	43259	0.9686	1.0260	1.0000	102.6
tq122717.D	Calibration	6:2 FTOH-C13	4.920	76190	41650	1.8293	1.9377	2.0000	96.9
tq122718.D	Calibration	6:2 FTOH-C13	4.920	200625	43515	4.6104	4.8837	5.0000	97.7
tq122719.D	Calibration	6:2 FTOH-C13	4.920	413734	43270	9.5617	10.1284	10.0000	101.3

## Compound: PFOA

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
tq122714.D	Calibration	6:2 FTOH-C13	5.348	3307	44557	0.0742	0.1230	0.1000	123.0
tq122715.D	Calibration	6:2 FTOH-C13	5.348	12728	44357	0.2869	0.4754	0.5000	95.1
tq122716.D	Calibration	6:2 FTOH-C13	5.348	25669	43259	0.5934	0.9832	1.0000	98.3
tq122717.D	Calibration	6:2 FTOH-C13	5.348	48366	41650	1.1613	1.9241	2.0000	96.2
tq122718.D	Calibration	6:2 FTOH-C13	5.348	120381	43515	2.7664	4.5836	5.0000	91.7
tq122719.D	Calibration	6:2 FTOH-C13	5.348	250079	43270	5.7795	9.5761	10.0000	95.8

## Compound: 4:2 FTOH

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
tq122714.D	Calibration	6:2 FTOH-C13	11.694	1810	44557	0.0406	0.0863	0.1000	86.3
tq122715.D	Calibration	6:2 FTOH-C13	11.688	11510	44357	0.2595	0.5513	0.5000	110.3
tq122716.D	Calibration	6:2 FTOH-C13	11.688	21001	43259	0.4855	1.0316	1.0000	103.2
tq122717.D	Calibration	6:2 FTOH-C13	11.688	37655	41650	0.9041	1.9210	2.0000	96.0
tq122718.D	Calibration	6:2 FTOH-C13	11.688	104201	43515	2.3946	5.0880	5.0000	101.8
tq122719.D	Calibration	6:2 FTOH-C13	11.688	208650	43270	4.8220	10.2459	10.0000	102.5

## Compound: 5:2sFTOH

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
tq122714.D	Calibration	6:2 FTOH-C13	11.757	1015	44557	0.0228	0.0962	0.1000	96.2
tq122715.D	Calibration	6:2 FTOH-C13	11.758	5571	44357	0.1256	0.5300	0.5000	106.0
tq122716.D	Calibration	6:2 FTOH-C13	11.757	10101	43259	0.2335	0.9853	1.0000	98.5
tq122717.D	Calibration	6:2 FTOH-C13	11.758	19380	41650	0.4653	1.9635	2.0000	98.2
tq122718.D	Calibration	6:2 FTOH-C13	11.757	51478	43515	1.1830	4.9917	5.0000	99.8
tq122719.D	Calibration	6:2 FTOH-C13	11.757	103876	43270	2.4007	10.1299	10.0000	101.3

## Compound: 7:2sFTOH

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
tq122714.D	Calibration	6:2 FTOH-C13	13.064	2059	44557	0.0462	0.0900	0.1000	90.0
tq122715.D	Calibration	6:2 FTOH-C13	13.064	12147	44357	0.2738	0.5332	0.5000	106.6
tq122716.D	Calibration	6:2 FTOH-C13	13.064	22744	43259	0.5258	1.0237	1.0000	102.4

# Quantitative Analysis Results Summary Report

## Compound: 7:2sFTOH

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
tq122717.D	Calibration	6:2 FTOH-C13	13.064	42057	41650	1.0098	1.9660	2.0000	98.3
tq122718.D	Calibration	6:2 FTOH-C13	13.064	114157	43515	2.6234	5.1077	5.0000	102.2
tq122719.D	Calibration	6:2 FTOH-C13	13.064	223559	43270	5.1666	10.0593	10.0000	100.6

## Compound: 6:2 FTOH

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
tq122714.D	Calibration	6:2 FTOH-C13	13.090	4945	44557	0.1110	0.1212	0.1000	121.2
tq122715.D	Calibration	6:2 FTOH-C13	13.090	18751	44357	0.4227	0.4617	0.5000	92.3
tq122716.D	Calibration	6:2 FTOH-C13	13.090	38513	43259	0.8903	0.9723	1.0000	97.2
tq122717.D	Calibration	6:2 FTOH-C13	13.090	69264	41650	1.6630	1.8162	2.0000	90.8
tq122718.D	Calibration	6:2 FTOH-C13	13.090	191438	43515	4.3993	4.8046	5.0000	96.1
tq122719.D	Calibration	6:2 FTOH-C13	13.090	405454	43270	9.3703	10.2336	10.0000	102.3

## Compound: 8:2 FTOH-C13

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
tq122714.D	Calibration	6:2 FTOH-C13	14.300	18085	44557	0.4059	1.0421	1.0000	104.2
tq122715.D	Calibration	6:2 FTOH-C13	14.300	17080	44357	0.3851	0.9886	1.0000	98.9
tq122716.D	Calibration	6:2 FTOH-C13	14.300	15950	43259	0.3687	0.9466	1.0000	94.7
tq122717.D	Calibration	6:2 FTOH-C13	14.300	15289	41650	0.3671	0.9424	1.0000	94.2
tq122718.D	Calibration	6:2 FTOH-C13	14.300	17787	43515	0.4088	1.0494	1.0000	104.9
tq122719.D	Calibration	6:2 FTOH-C13	14.293	17375	43270	0.4015	1.0309	1.0000	103.1

## Compound: 8:2 FTOH

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
tq122714.D	Calibration	6:2 FTOH-C13	14.300	924	44557	0.0207	0.0799	0.1000	79.9
tq122715.D	Calibration	6:2 FTOH-C13	14.300	5665	44357	0.1277	0.4921	0.5000	98.4
tq122716.D	Calibration	6:2 FTOH-C13	14.300	12471	43259	0.2883	1.1109	1.0000	111.1
tq122717.D	Calibration	6:2 FTOH-C13	14.301	20639	41650	0.4955	1.9095	2.0000	95.5
tq122718.D	Calibration	6:2 FTOH-C13	14.300	60535	43515	1.3911	5.3606	5.0000	107.2
tq122719.D	Calibration	6:2 FTOH-C13	14.300	121185	43270	2.8007	10.7922	10.0000	107.9

## Compound: 10:2 FTOH

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
tq122714.D	Calibration	6:2 FTOH-C13	15.369	585	44557	0.0131	0.1204	0.1000	120.4
tq122715.D	Calibration	6:2 FTOH-C13	15.370	2514	44357	0.0567	0.5200	0.5000	104.0
tq122716.D	Calibration	6:2 FTOH-C13	15.370	4585	43259	0.1060	0.9724	1.0000	97.2
tq122717.D	Calibration	6:2 FTOH-C13	15.370	7730	41650	0.1856	1.7027	2.0000	85.1
tq122718.D	Calibration	6:2 FTOH-C13	15.369	23187	43515	0.5328	4.8883	5.0000	97.8
tq122719.D	Calibration	6:2 FTOH-C13	15.370	45028	43270	1.0406	9.5468	10.0000	95.5

## Compound: 12:2 FTOH

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
tq122714.D	Calibration	6:2 FTOH-C13	16.357	2240	44557	0.0503	0.1202	0.1000	120.2

# Quantitative Analysis Results Summary Report

## Compound: 12:2 FTOH

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
tq122715.D	Calibration	6:2 FTOH-C13	16.357	8964	44357	0.2021	0.4833	0.5000	96.7
tq122716.D	Calibration	6:2 FTOH-C13	16.357	17616	43259	0.4072	0.9739	1.0000	97.4
tq122717.D	Calibration	6:2 FTOH-C13	16.356	29122	41650	0.6992	1.6722	2.0000	83.6
tq122718.D	Calibration	6:2 FTOH-C13	16.357	92782	43515	2.1322	5.0993	5.0000	102.0
tq122719.D	Calibration	6:2 FTOH-C13	16.357	181182	43270	4.1873	10.0142	10.0000	100.1

## Compound: NMeFOSA

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
tq122714.D	Calibration	6:2 FTOH-C13	18.830	7277	44557	0.1633	0.1026	0.1000	102.6
tq122715.D	Calibration	6:2 FTOH-C13	18.830	34751	44357	0.7834	0.4920	0.5000	98.4
tq122716.D	Calibration	6:2 FTOH-C13	18.830	75613	43259	1.7479	1.0976	1.0000	109.8
tq122717.D	Calibration	6:2 FTOH-C13	18.830	118065	41650	2.8347	1.7801	2.0000	89.0
tq122718.D	Calibration	6:2 FTOH-C13	18.830	367649	43515	8.4487	5.3055	5.0000	106.1
tq122719.D	Calibration	6:2 FTOH-C13	18.830	648919	43270	14.9970	9.4176	10.0000	94.2

## Compound: NEtFOSA

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
tq122714.D	Calibration	6:2 FTOH-C13	18.831	6470	44557	0.1452	0.1007	0.1000	100.7
tq122715.D	Calibration	6:2 FTOH-C13	18.831	31917	44357	0.7195	0.4992	0.5000	99.8
tq122716.D	Calibration	6:2 FTOH-C13	18.831	68639	43259	1.5867	1.1008	1.0000	110.1
tq122717.D	Calibration	6:2 FTOH-C13	18.831	106589	41650	2.5592	1.7754	2.0000	88.8
tq122718.D	Calibration	6:2 FTOH-C13	18.831	331213	43515	7.6114	5.2804	5.0000	105.6
tq122719.D	Calibration	6:2 FTOH-C13	18.831	592338	43270	13.6894	9.4971	10.0000	95.0