

Sequence Overview

Sequence Details

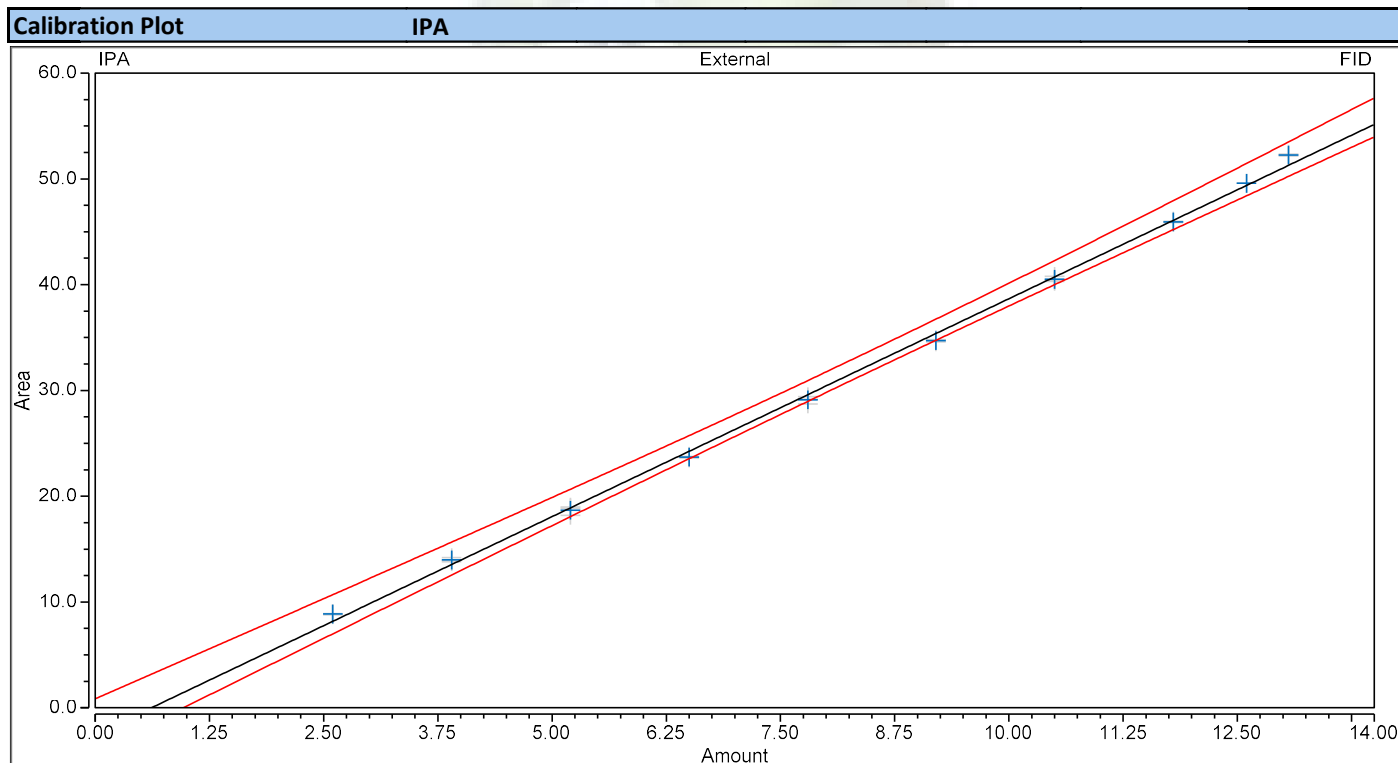
Name:	2024-02-20 EX3502 lab - test run	Created On:	20/Feb/24 15:50:23
Directory:	lfy	Created By:	s01yk2
Data Vault:	ChromeleonLocal	Updated On:	21/Feb/24 11:34:01
No. of Injections:	42	Updated By:	s01yk2

Injection Details

No.	Injection Name	Position	Type	Level	Inject Time	Status
1	IPA 85%	1	Calibration Standard	9	20/Feb/24 16:02:48	Finished
2	IPA 5.6%	1	Calibration Standard	1	20/Feb/24 16:30:25	Finished
3	IPA 9.2%	2	Calibration Standard	2	20/Feb/24 16:38:36	Finished
4	IPA 13.6%	3	Calibration Standard	3	20/Feb/24 16:46:51	Finished
5	IPA 19.1%	4	Calibration Standard	4	20/Feb/24 16:55:08	Finished
6	IPA 26.1%	5	Calibration Standard	5	20/Feb/24 17:03:26	Finished
7	IPA 35.5%	6	Calibration Standard	6	20/Feb/24 17:11:46	Finished
8	IPA 48.5%	7	Calibration Standard	7	20/Feb/24 17:20:05	Finished
9	IPA 68%	8	Calibration Standard	8	20/Feb/24 17:28:26	Finished
10	IPA 5.6%	1	Calibration Standard	1	20/Feb/24 17:36:42	Finished
11	IPA 9.2%	2	Calibration Standard	2	20/Feb/24 17:45:01	Finished
12	IPA 13.6%	3	Calibration Standard	3	20/Feb/24 17:53:19	Finished
13	IPA 19.1%	4	Calibration Standard	4	20/Feb/24 18:01:38	Finished
14	IPA 26.1%	5	Calibration Standard	5	20/Feb/24 18:09:57	Finished
15	IPA 35.5%	6	Calibration Standard	6	20/Feb/24 18:18:17	Finished
16	IPA 48.5%	7	Calibration Standard	7	20/Feb/24 18:26:37	Finished
17	IPA 68%	8	Unknown		20/Feb/24 18:34:57	Finished
18	IPA 5.6%	1	Calibration Standard	1	20/Feb/24 18:43:13	Finished
19	IPA 9.2%	2	Calibration Standard	2	20/Feb/24 18:51:30	Finished
20	IPA 13.6%	3	Calibration Standard	3	20/Feb/24 18:59:48	Finished
21	IPA 19.1%	4	Calibration Standard	4	20/Feb/24 19:08:06	Finished
22	IPA 26.1%	5	Calibration Standard	5	20/Feb/24 19:16:25	Finished
23	IPA 35.5%	6	Calibration Standard	6	20/Feb/24 19:24:44	Finished
24	IPA 48.5%	7	Calibration Standard	7	20/Feb/24 19:33:04	Finished
25	IPA 68%	8	Calibration Standard	8	20/Feb/24 19:41:25	Finished
26	2024-02-19 5%	1	Unknown		21/Feb/24 09:13:58	Finished
27	2024-02-19 10%	2	Unknown		21/Feb/24 09:22:07	Finished
28	2024-02-19 1C	3	Unknown		21/Feb/24 09:30:20	Finished
29	IPA 100%	1	Calibration Standard	10	21/Feb/24 09:38:34	Finished
30	IPA 100%	1	Calibration Standard	10	21/Feb/24 09:46:48	Finished
31	2024-02-19 2C	4	Unknown		21/Feb/24 09:55:05	Finished
32	2024-02-19 3C	5	Unknown		21/Feb/24 10:03:23	Finished
33	2024-02-19 1R	6	Unknown		21/Feb/24 10:11:42	Finished
34	2024-02-19 2R	7	Unknown		21/Feb/24 10:20:03	Finished
35	2024-02-19 3R	8	Unknown		21/Feb/24 10:28:25	Finished
36	2024-02-19 1C	3	Unknown		21/Feb/24 10:36:43	Finished
37	2024-02-19 2C	4	Unknown		21/Feb/24 10:45:03	Finished
38	2024-02-19 3C	5	Unknown		21/Feb/24 10:53:23	Finished
39	2024-02-19 1R	6	Unknown		21/Feb/24 11:01:44	Finished
40	2024-02-19 2R	7	Unknown		21/Feb/24 11:10:07	Finished
41	2024-02-19 3R	8	Unknown		21/Feb/24 11:18:31	Finished
42	IPA 100%	1	Unknown		21/Feb/24 11:26:50	Finished

Calibration

Calibration Details		IPA	
Calibration Type	Lin, WithOffset, Avg	Offset (C0)	-2.5322
Evaluation Type	Area	Slope (C1)	4.1202
Number of Calibration Points	10	Curve (C2)	0.0000
Number of disabled Calibration Points	0	R-Square	0.9987



Calibration Results		IPA					
No.	Injection Name	Calibration Level	X Value	Y Value	Y Value	Area pA*min	Height pA
			FID IPA	FID IPA	FID IPA	FID IPA	FID IPA
1	IPA 85%	9	12.6000	49.5800	49.5800	49.580	1425.764
2	IPA 5.6%	1	2.6000	8.8785	8.8785	8.879	353.425
3	IPA 9.2%	2	3.9000	13.7961	13.7961	13.796	517.613
4	IPA 13.6%	3	5.2000	18.1832	18.1832	18.183	674.286
5	IPA 19.1%	4	6.5000	23.6156	23.6156	23.616	811.374
6	IPA 26.1%	5	7.8000	28.7127	28.7127	28.713	965.323
7	IPA 35.5%	6	9.2000	34.7863	34.7863	34.786	1092.853
8	IPA 48.5%	7	10.5000	40.4348	40.4348	40.435	1228.304
9	IPA 68%	8	11.8000	45.8764	45.8764	45.876	1336.699
10	IPA 5.6%	1	2.6000	8.9057	8.9057	8.906	355.452
11	IPA 9.2%	2	3.9000	14.2039	14.2039	14.204	544.865
12	IPA 13.6%	3	5.2000	18.9812	18.9812	18.981	696.241
13	IPA 19.1%	4	6.5000	23.7386	23.7386	23.739	833.103
14	IPA 26.1%	5	7.8000	29.4235	29.4235	29.424	958.561
15	IPA 35.5%	6	9.2000	34.5870	34.5870	34.587	1088.295
16	IPA 48.5%	7	10.5000	40.7782	40.7782	40.778	1239.268
18	IPA 5.6%	1	2.6000	8.7958	8.7958	8.796	354.243
19	IPA 9.2%	2	3.9000	13.9164	13.9164	13.916	534.119
20	IPA 13.6%	3	5.2000	18.8686	18.8686	18.869	692.322
21	IPA 19.1%	4	6.5000	23.7682	23.7682	23.768	832.392
22	IPA 26.1%	5	7.8000	29.1813	29.1813	29.181	955.754
23	IPA 35.5%	6	9.2000	34.7592	34.7592	34.759	1082.909
24	IPA 48.5%	7	10.5000	40.3008	40.3008	40.301	1221.971

25	IPA 68%	8	11.8000	46.0044	46.0044	46.004	1361.773
29	IPA 100%	10	13.0600	52.3420	52.3420	52.342	1477.490
30	IPA 100%	10	13.0600	52.1676	52.1676	52.168	1477.126



Summary

Sequence Details

Name:	2024-02-20 EX3502 lab - test run	Created On:	20/Feb/24 15:50:23
Directory:	lfy	Created By:	s01yk2
Data Vault:	ChromeleonLocal	Updated On:	21/Feb/24 11:34:01
No. of Injections:	42	Updated By:	s01yk2

By Component

IPA

No.	Injection Name	Ret.Time min FID IPA	Area pA*min FID IPA	Height pA FID IPA	Amount mol/l FID IPA	Rel.Area % FID IPA	Peak Type FID IPA	%Mol of IPA
1	IPA_ 85%	1.987	49.580	1425.764	12.648	99.90	BM	87.4%
2	IPA_ 5.6%	1.958	8.879	353.425	2.769	100.00	BMB	6.0%
3	IPA_ 9.2%	1.967	13.796	517.613	3.963	100.00	BMB	9.3%
4	IPA_ 13.6%	1.972	18.183	674.286	5.028	96.96	BM	12.8%
5	IPA_ 19.1%	1.975	23.616	811.374	6.346	100.00	BMB	18.2%
6	IPA_ 26.1%	1.975	28.713	965.323	7.583	100.00	BMB	24.6%
7	IPA_ 35.5%	1.978	34.786	1092.853	9.057	100.00	BMB	34.7%
8	IPA_ 48.5%	1.983	40.435	1228.304	10.428	100.00	BMB	48.1%
9	IPA_ 68%	1.985	45.876	1336.699	11.749	99.44	BM	67.6%
10	IPA_ 5.6%	1.963	8.906	355.452	2.776	98.13	BMB	6.0%
11	IPA_ 9.2%	1.967	14.204	544.865	4.062	98.25	BMB	9.6%
12	IPA_ 13.6%	1.970	18.981	696.241	5.221	98.24	BM	13.5%
13	IPA_ 19.1%	1.973	23.739	833.103	6.376	98.36	BMB	18.3%
14	IPA_ 26.1%	1.977	29.424	958.561	7.756	98.19	BMB	25.6%
15	IPA_ 35.5%	1.980	34.587	1088.295	9.009	98.04	BM	34.3%
16	IPA_ 48.5%	1.982	40.778	1239.268	10.512	98.29	BMB	49.1%
17	IPA_ 68%	1.985	48.654	1404.724	12.423	100.00	BMB*	81.7%
18	IPA_ 5.6%	1.962	8.796	354.243	2.749	99.28	BMB	5.9%
19	IPA_ 9.2%	1.967	13.916	534.119	3.992	99.87	BMB	9.4%
20	IPA_ 13.6%	1.968	18.869	692.322	5.194	99.86	BMB	13.4%
21	IPA_ 19.1%	1.972	23.768	832.392	6.383	100.00	BMB	18.4%
22	IPA_ 26.1%	1.975	29.181	955.754	7.697	99.99	BMB	25.2%
23	IPA_ 35.5%	1.978	34.759	1082.909	9.051	99.96	BMB	34.6%
24	IPA_ 48.5%	1.982	40.301	1221.971	10.396	99.98	BMB	47.8%
25	IPA_ 68%	1.983	46.004	1361.773	11.780	100.00	BMB	68.2%
26	2024-02-19 5%	1.957	13.321	493.675	3.848	100.00	BMB*	9.0%
27	2024-02-19 10%	1.963	14.117	514.659	4.041	100.00	BMB	9.5%
28	2024-02-19 1C	1.982	44.418	1334.461	11.395	100.00	BMB	61.5%
29	IPA_ 100%	1.985	52.342	1477.490	13.318	100.00	BMB	108.3%
30	IPA_ 100%	1.985	52.168	1477.126	13.276	99.98	BMB	106.7%
31	2024-02-19 2C	1.982	43.790	1318.730	11.243	100.00	BMB	59.1%
32	2024-02-19 3C	1.983	44.475	1316.726	11.409	99.96	BM	61.7%
33	2024-02-19 1R	1.965	12.922	474.829	3.751	100.00	BMB	8.7%
34	2024-02-19 2R	1.963	12.573	474.755	3.666	100.00	BMB	8.4%
35	2024-02-19 3R	1.965	13.876	509.678	3.982	100.00	BMB	9.4%
36	2024-02-19 1C	1.983	45.183	1350.175	11.581	100.00	BMB	64.6%
37	2024-02-19 2C	1.983	44.490	1335.671	11.413	100.00	BMB	61.8%
38	2024-02-19 3C	1.983	44.864	1327.306	11.503	100.00	BMB	63.3%
39	2024-02-19 1R	1.965	13.676	510.475	3.934	100.00	BMB	9.2%
40	2024-02-19 2R	1.965	12.566	486.870	3.665	100.00	BMB	8.4%
41	2024-02-19 3R	1.965	13.520	515.910	3.896	100.00	BMB	9.1%
42	IPA_ 100%	1.987	51.886	1499.646	13.208	100.00	BMB	104.3%