

Instrument :

FID_G

ClientSampleId :

TOP-SOIL-3

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG013753.D

Data File : FG013753.D

Signal(s) : FID1A.ch

Acq On : 08 May 2024 21:59

Sample : P2404-06

Misc :

ALS Vial : 24 Sample Multiplier: 1

Reviewed By :Yogesh Patel 05/09/2024

Supervised By :Ankita Jodhani 05/09/2024

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG041124.M

Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.948	1.918	1.971	BV	321	3684	0.23%	0.005%
2	1.979	1.971	2.000	VV	156	1049	0.07%	0.001%
3	2.013	2.000	2.023	PV	186	1280	0.08%	0.002%
4	2.027	2.023	2.042	VV	159	1333	0.08%	0.002%
5	2.048	2.042	2.059	VV	124	692	0.04%	0.001%
6	2.065	2.059	2.073	VV	102	686	0.04%	0.001%
7	2.077	2.073	2.081	VV	137	458	0.03%	0.001%
8	2.085	2.081	2.093	VV	132	574	0.04%	0.001%
9	2.106	2.093	2.112	VV	115	803	0.05%	0.001%
10	2.134	2.112	2.179	VV	322	7080	0.44%	0.009%
11	2.183	2.179	2.196	VV	87	532	0.03%	0.001%
12	2.202	2.196	2.216	VV	101	624	0.04%	0.001%
13	2.241	2.216	2.252	VV	147	2187	0.14%	0.003%
14	2.262	2.252	2.295	VV	545	8831	0.55%	0.011%
15	2.298	2.295	2.303	VV	219	699	0.04%	0.001%
16	2.311	2.303	2.326	VV	134	1252	0.08%	0.002%
17	2.349	2.326	2.378	PV	1301	16434	1.02%	0.021%
18	2.387	2.378	2.392	VV	171	1283	0.08%	0.002%
19	2.407	2.392	2.449	VV	450	8209	0.51%	0.011%
20	2.455	2.449	2.469	VV	131	1242	0.08%	0.002%
21	2.484	2.469	2.490	VV	240	2165	0.13%	0.003%
22	2.494	2.490	2.508	VV	190	1561	0.10%	0.002%
23	2.510	2.508	2.520	VV	156	669	0.04%	0.001%
24	2.524	2.520	2.533	VV	124	661	0.04%	0.001%
25	2.550	2.533	2.554	VV	132	1147	0.07%	0.001%
26	2.558	2.554	2.566	VV	125	643	0.04%	0.001%
27	2.573	2.566	2.581	VV	158	966	0.06%	0.001%
28	2.617	2.581	2.661	VV	437	10432	0.65%	0.013%
29	2.674	2.661	2.695	VV	113	1566	0.10%	0.002%
30	2.699	2.695	2.709	VV	74	454	0.03%	0.001%
31	2.717	2.709	2.722	VV	116	567	0.04%	0.001%

32	2.754	2.722	2.795	VV	359	8819	0.55%	0.011%
33	2.799	2.795	2.815	VV	131	125		
34	2.857	2.815	2.863	VV	338	604		
35	2.867	2.863	2.871	VV	368	137		
36	2.877	2.871	2.902	VV	301	417		
37	2.949	2.902	2.967	VV	573	13261	0.83%	0.017%
38	2.972	2.967	2.995	VV	449	6477	0.40%	0.008%
39	3.002	2.995	3.010	VV	357	2927	0.18%	0.004%
40	3.016	3.010	3.028	VV	370	3518	0.22%	0.005%
41	3.033	3.028	3.038	VV	322	1636	0.10%	0.002%
42	3.068	3.038	3.108	VV	634	16872	1.05%	0.022%
43	3.132	3.108	3.164	VV	807	15836	0.99%	0.020%
44	3.182	3.164	3.224	VV	2067	32769	2.04%	0.042%
45	3.229	3.224	3.263	VV	439	6271	0.39%	0.008%
46	3.269	3.263	3.277	VV	190	1036	0.06%	0.001%
47	3.285	3.277	3.293	VV	119	1015	0.06%	0.001%
48	3.299	3.293	3.317	VV	112	1244	0.08%	0.002%
49	3.327	3.317	3.340	VV	179	1686	0.10%	0.002%
50	3.346	3.340	3.363	VV	164	1438	0.09%	0.002%
51	3.374	3.363	3.384	PV	116	1054	0.07%	0.001%
52	3.400	3.384	3.444	VV	428	9311	0.58%	0.012%
53	3.448	3.444	3.491	VV	720	3967	0.25%	0.005%
54	3.499	3.491	3.503	VV	125	689	0.04%	0.001%
55	3.508	3.503	3.522	VV	154	1262	0.08%	0.002%
56	3.539	3.522	3.549	VV	211	2201	0.14%	0.003%
57	3.556	3.549	3.562	VV	184	1161	0.07%	0.001%
58	3.565	3.562	3.592	VV	190	2067	0.13%	0.003%
59	3.608	3.592	3.634	VV	456	3605	0.22%	0.005%
60	3.645	3.634	3.650	VV	149	1185	0.07%	0.002%
61	3.654	3.650	3.659	VV	164	705	0.04%	0.001%
62	3.683	3.659	3.724	VV	1665	23025	1.43%	0.030%
63	3.728	3.724	3.735	VV	185	907	0.06%	0.001%
64	3.739	3.735	3.744	VV	178	656	0.04%	0.001%
65	3.749	3.744	3.753	VV	143	645	0.04%	0.001%
66	3.760	3.753	3.765	VV	194	1114	0.07%	0.001%
67	3.786	3.765	3.818	VV	330	7489	0.47%	0.010%
68	3.824	3.818	3.847	VV	196	2819	0.18%	0.004%
69	3.849	3.847	3.856	VV	151	516	0.03%	0.001%
70	3.881	3.856	3.886	VV	185	2312	0.14%	0.003%
71	3.902	3.886	3.906	VV	154	1494	0.09%	0.002%
72	3.919	3.906	3.969	VV	205	3787	0.24%	0.005%
73	3.976	3.969	3.988	VV	86	639	0.04%	0.001%
74	4.012	3.988	4.026	VV	151	1973	0.12%	0.003%
75	4.043	4.026	4.053	VV	197	2083	0.13%	0.003%
76	4.056	4.053	4.082	VV	171	1415	0.09%	0.002%
77	4.086	4.082	4.096	VV	74	451	0.03%	0.001%
78	4.123	4.096	4.144	VV	1648	20411	1.27%	0.026%
79	4.149	4.144	4.155	VV	452	2478	0.15%	0.003%

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80	4.175	4.155	4.209	VV	1707	24050	1.50%	0.031%
81	4.215	4.209	4.249	VV	360	587		
82	4.254	4.249	4.263	VV	138	79		
83	4.307	4.263	4.337	PV	2275	3254		
84	4.352	4.337	4.376	VV	683	987		
85	4.398	4.376	4.405	VV	265	3645	0.23%	0.005%
86	4.409	4.405	4.438	VV	244	3805	0.24%	0.005%
87	4.446	4.438	4.453	VV	170	1137	0.07%	0.001%
88	4.462	4.453	4.471	VV	116	909	0.06%	0.001%
89	4.476	4.471	4.482	VV	103	419	0.03%	0.001%
90	4.488	4.482	4.494	VV	143	743	0.05%	0.001%
91	4.509	4.494	4.535	VV	281	4172	0.26%	0.005%
92	4.538	4.535	4.542	VV	138	491	0.03%	0.001%
93	4.560	4.542	4.566	VV	335	3247	0.20%	0.004%
94	4.592	4.566	4.614	VV	1093	16856	1.05%	0.022%
95	4.625	4.614	4.644	VV	413	5292	0.33%	0.007%
96	4.663	4.644	4.683	VV	282	4082	0.25%	0.005%
97	4.705	4.683	4.726	VV	283	4863	0.30%	0.006%
98	4.730	4.726	4.737	VV	157	788	0.05%	0.001%
99	4.752	4.737	4.776	VV	751	9173	0.57%	0.012%
100	4.781	4.776	4.786	VV	173	757	0.05%	0.001%
101	4.818	4.786	4.829	VV	449	8038	0.50%	0.010%
102	4.833	4.829	4.844	VV	421	2688	0.17%	0.003%
103	4.871	4.844	4.877	VV	422	6742	0.42%	0.009%
104	4.880	4.877	4.884	VV	411	1716	0.11%	0.002%
105	4.943	4.884	4.982	VV	861	32585	2.03%	0.042%
106	4.994	4.982	4.998	VV	247	1739	0.11%	0.002%
107	5.015	4.998	5.041	VV	277	5807	0.36%	0.008%
108	5.049	5.041	5.056	VV	212	1578	0.10%	0.002%
109	5.061	5.056	5.084	VV	189	2532	0.16%	0.003%
110	5.087	5.084	5.097	VV	179	1130	0.07%	0.001%
111	5.100	5.097	5.126	VV	204	2390	0.15%	0.003%
112	5.137	5.126	5.160	VV	144	1989	0.12%	0.003%
113	5.166	5.160	5.183	VV	136	1471	0.09%	0.002%
114	5.198	5.183	5.209	VV	357	3873	0.24%	0.005%
115	5.221	5.209	5.229	VV	267	2619	0.16%	0.003%
116	5.241	5.229	5.267	VV	412	5138	0.32%	0.007%
117	5.290	5.267	5.314	VV	530	7788	0.48%	0.010%
118	5.321	5.314	5.326	VV	174	1036	0.06%	0.001%
119	5.340	5.326	5.366	VV	239	3848	0.24%	0.005%
120	5.377	5.366	5.385	VV	174	1625	0.10%	0.002%
121	5.406	5.385	5.416	VV	369	4354	0.27%	0.006%
122	5.420	5.416	5.453	VV	168	2647	0.16%	0.003%
123	5.465	5.453	5.491	VV	175	2498	0.16%	0.003%
124	5.497	5.491	5.503	VV	150	656	0.04%	0.001%
125	5.528	5.503	5.559	VV	1241	15460	0.96%	0.020%
126	5.570	5.559	5.588	VV	367	4332	0.27%	0.006%

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127	5.595	5.588	5.627	VV	226	3027	0.19%	0.004%
128	5.633	5.627	5.644	PV	103	64		
129	5.666	5.644	5.698	VV	147	314		
130	5.731	5.698	5.738	VV	331	466		
131	5.757	5.738	5.779	VV	5216	5323		
132	5.792	5.779	5.812	VV	813	9024	0.56%	0.012%
133	5.826	5.812	5.876	VV	777	11378	0.71%	0.015%
134	5.889	5.876	5.894	VV	154	1270	0.08%	0.002%
135	5.914	5.894	5.919	VV	290	3109	0.19%	0.004%
136	5.922	5.919	5.942	VV	324	2182	0.14%	0.003%
137	5.948	5.942	5.955	VV	182	992	0.06%	0.001%
138	5.983	5.955	6.013	VV	663	12925	0.80%	0.017%
139	6.018	6.013	6.022	VV	187	755	0.05%	0.001%
140	6.042	6.022	6.069	VV	379	6728	0.42%	0.009%
141	6.085	6.069	6.111	VV	355	5144	0.32%	0.007%
142	6.141	6.111	6.183	VV	362	10579	0.66%	0.014%
143	6.203	6.183	6.218	VV	292	4455	0.28%	0.006%
144	6.236	6.218	6.246	VV	263	3181	0.20%	0.004%
145	6.256	6.246	6.280	VV	291	4204	0.26%	0.005%
146	6.300	6.280	6.342	VV	2146	30434	1.89%	0.039%
147	6.365	6.342	6.430	VV	16475	182595	11.36%	0.236%
148	6.465	6.430	6.495	VV	676	14848	0.92%	0.019%
149	6.504	6.495	6.516	VV	391	4093	0.25%	0.005%
150	6.522	6.516	6.570	VV	471	8368	0.52%	0.011%
151	6.593	6.570	6.635	VV	2034	27800	1.73%	0.036%
152	6.648	6.635	6.656	VV	353	3707	0.23%	0.005%
153	6.661	6.656	6.676	VV	309	3213	0.20%	0.004%
154	6.682	6.676	6.694	VV	251	2261	0.14%	0.003%
155	6.715	6.694	6.745	VV	583	10836	0.67%	0.014%
156	6.756	6.745	6.811	VV	505	11038	0.69%	0.014%
157	6.832	6.811	6.854	VV	1718	19643	1.22%	0.025%
158	6.879	6.854	6.945	VV	13793	151922	9.45%	0.196%
159	6.949	6.945	6.955	VV	242	1360	0.08%	0.002%
160	6.959	6.955	6.975	VV	228	1522	0.09%	0.002%
161	6.979	6.975	6.983	VV	114	409	0.03%	0.001%
162	6.987	6.983	7.000	VV	134	809	0.05%	0.001%
163	7.012	7.000	7.018	VV	116	874	0.05%	0.001%
164	7.039	7.018	7.059	VV	226	2994	0.19%	0.004%
165	7.088	7.059	7.114	PV	257	4451	0.28%	0.006%
166	7.118	7.114	7.124	VV	71	287	0.02%	0.000%
167	7.130	7.124	7.137	VV	71	383	0.02%	0.000%
168	7.153	7.137	7.162	VV	172	1952	0.12%	0.003%
169	7.169	7.162	7.184	VV	234	1588	0.10%	0.002%
170	7.188	7.184	7.197	VV	63	506	0.03%	0.001%
171	7.242	7.197	7.265	VV	1021	17780	1.11%	0.023%
172	7.270	7.265	7.282	VV	465	4489	0.28%	0.006%
173	7.288	7.282	7.293	VV	463	2873	0.18%	0.004%
174	7.298	7.293	7.320	VV	452	5520	0.34%	0.007%

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175	7.330	7.320	7.359	VV	277	4136	0.26%	0.005%
176	7.395	7.359	7.413	VV	1139	1412		
177	7.428	7.413	7.464	VV	1245	1709		
178	7.483	7.464	7.514	VV	333	636		
179	7.532	7.514	7.556	VV	1366	1412		
180	7.572	7.556	7.591	VV	657	7904	0.49%	0.010%
181	7.599	7.591	7.623	VV	255	3261	0.20%	0.004%
182	7.637	7.623	7.646	VV	96	1031	0.06%	0.001%
183	7.652	7.646	7.672	VV	177	1955	0.12%	0.003%
184	7.725	7.672	7.755	VV	890	22380	1.39%	0.029%
185	7.764	7.755	7.783	VV	443	6028	0.38%	0.008%
186	7.789	7.783	7.813	VV	337	4142	0.26%	0.005%
187	7.823	7.813	7.860	VV	324	6191	0.39%	0.008%
188	7.881	7.860	7.906	VV	260	4430	0.28%	0.006%
189	7.926	7.906	7.964	VV	487	7103	0.44%	0.009%
190	7.996	7.964	8.024	VV	991	13466	0.84%	0.017%
191	8.049	8.024	8.063	PV	309	4110	0.26%	0.005%
192	8.072	8.063	8.084	VV	208	1967	0.12%	0.003%
193	8.129	8.084	8.152	VV	1140	23231	1.45%	0.030%
194	8.162	8.152	8.185	VV	585	8565	0.53%	0.011%
195	8.199	8.185	8.223	VV	288	5248	0.33%	0.007%
196	8.230	8.223	8.235	VV	183	946	0.06%	0.001%
197	8.295	8.235	8.309	VV	496	12606	0.78%	0.016%
198	8.322	8.309	8.343	VV	588	8773	0.55%	0.011%
199	8.360	8.343	8.376	VV	529	7624	0.47%	0.010%
200	8.409	8.376	8.437	VV	1099	23861	1.48%	0.031%
201	8.479	8.437	8.494	VV	863	19749	1.23%	0.026%
202	8.515	8.494	8.531	VV	1901	25123	1.56%	0.032%
203	8.543	8.531	8.556	VV	1129	12931	0.80%	0.017%
204	8.590	8.556	8.628	VV	1928	40302	2.51%	0.052%
205	8.701	8.628	8.746	VV	3090	70133	4.36%	0.091%
206	8.752	8.746	8.767	VV	496	4902	0.30%	0.006%
207	8.791	8.767	8.806	VV	813	11842	0.74%	0.015%
208	8.818	8.806	8.857	VV	666	10183	0.63%	0.013%
209	8.865	8.857	8.873	VV	179	1192	0.07%	0.002%
210	8.888	8.873	8.915	VV	545	8162	0.51%	0.011%
211	8.919	8.915	8.926	VV	170	914	0.06%	0.001%
212	8.954	8.926	8.970	VV	760	10650	0.66%	0.014%
213	8.999	8.970	9.022	VV	4620	53688	3.34%	0.069%
214	9.062	9.022	9.104	VV	3207	57838	3.60%	0.075%
215	9.129	9.104	9.165	VV	837	19870	1.24%	0.026%
216	9.192	9.165	9.223	VV	2837	42674	2.66%	0.055%
217	9.241	9.223	9.259	VV	1077	14931	0.93%	0.019%
218	9.276	9.259	9.296	VV	2312	27352	1.70%	0.035%
219	9.317	9.296	9.328	VV	1022	13843	0.86%	0.018%
220	9.334	9.328	9.357	VV	1064	13398	0.83%	0.017%
221	9.366	9.357	9.380	VV	463	4638	0.29%	0.006%

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222	9.416	9.380	9.433	VV	2107	29103	1.81%	0.038%
223	9.454	9.433	9.463	VV	8053	8737		
224	9.473	9.463	9.496	VV	8609	9215		
225	9.512	9.496	9.536	VV	800	1019		
226	9.571	9.536	9.589	PV	1033	1273		
227	9.602	9.589	9.628	VV	836	9730	0.61%	0.013%
228	9.655	9.628	9.670	VV	572	7895	0.49%	0.010%
229	9.707	9.670	9.724	VV	901	14344	0.89%	0.019%
230	9.745	9.724	9.769	VV	3852	46354	2.88%	0.060%
231	9.791	9.769	9.829	VV	6243	81339	5.06%	0.105%
232	9.844	9.829	9.858	VV	798	11106	0.69%	0.014%
233	9.873	9.858	9.904	VV	1393	26835	1.67%	0.035%
234	9.915	9.904	9.920	VV	669	5682	0.35%	0.007%
235	9.942	9.920	9.963	VV	1611	27235	1.69%	0.035%
236	9.971	9.963	9.986	VV	602	6752	0.42%	0.009%
237	10.002	9.986	10.017	VV	856	11873	0.74%	0.015%
238	10.035	10.017	10.067	VV	1025	18026	1.12%	0.023%
239	10.074	10.067	10.094	VV	383	4258	0.26%	0.006%
240	10.117	10.094	10.131	VV	1883	24905	1.55%	0.032%
241	10.135	10.131	10.153	VV	1209	12284	0.76%	0.016%
242	10.165	10.153	10.181	VV	800	11138	0.69%	0.014%
243	10.215	10.181	10.248	VV	2172	59060	3.67%	0.076%
244	10.254	10.248	10.271	VV	910	9951	0.62%	0.013%
245	10.278	10.271	10.284	VV	540	3834	0.24%	0.005%
246	10.288	10.284	10.294	VV	550	2975	0.19%	0.004%
247	10.307	10.294	10.342	VV	609	9938	0.62%	0.013%
248	10.350	10.342	10.358	VV	193	1194	0.07%	0.002%
249	10.376	10.358	10.416	VV	422	6711	0.42%	0.009%
250	10.420	10.416	10.428	PV	73	277	0.02%	0.000%
251	10.447	10.428	10.462	VV	179	1866	0.12%	0.002%
252	10.500	10.462	10.523	PV	554	9040	0.56%	0.012%
253	10.540	10.523	10.573	VV	798	12875	0.80%	0.017%
254	10.591	10.573	10.611	VV	830	10661	0.66%	0.014%
255	10.644	10.611	10.661	VV	1485	26952	1.68%	0.035%
256	10.678	10.661	10.704	VV	2295	32504	2.02%	0.042%
257	10.720	10.704	10.773	VV	1379	24372	1.52%	0.031%
258	10.796	10.773	10.833	VV	1378	25721	1.60%	0.033%
259	10.852	10.833	10.880	VV	2157	33804	2.10%	0.044%
260	10.897	10.880	10.916	VV	1206	18114	1.13%	0.023%
261	10.943	10.916	10.955	VV	2304	32863	2.04%	0.042%
262	10.966	10.955	10.983	VV	2789	32262	2.01%	0.042%
263	11.006	10.983	11.035	VV	3009	54298	3.38%	0.070%
264	11.052	11.035	11.057	VV	772	9094	0.57%	0.012%
265	11.070	11.057	11.091	VV	1400	23191	1.44%	0.030%
266	11.099	11.091	11.127	VV	973	12978	0.81%	0.017%
267	11.144	11.127	11.153	VV	307	4072	0.25%	0.005%
268	11.169	11.153	11.178	VV	1278	12982	0.81%	0.017%
269	11.203	11.178	11.250	VV	49087	611611	38.06%	0.790%

Instrument :

FID_G

ClientSampleId :

TOP-SOIL-3

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/09/2024

Supervised By :Ankita Jodhani 05/09/2024

270	11.278	11.250	11.298	VV	13210	147393	9.17%	0.190%
271	11.308	11.298	11.327	VV	1701	2028		
272	11.331	11.327	11.345	VV	530	494		
273	11.355	11.345	11.393	VV	572	1176		
274	11.402	11.393	11.410	VV	220	174		
275	11.421	11.410	11.432	VV	172	1811	0.11%	0.002%
276	11.451	11.432	11.473	VV	782	9303	0.58%	0.012%
277	11.493	11.473	11.534	VV	4440	54597	3.40%	0.071%
278	11.553	11.534	11.576	PV	407	6640	0.41%	0.009%
279	11.602	11.576	11.607	VV	927	11219	0.70%	0.014%
280	11.622	11.607	11.635	VV	1089	14808	0.92%	0.019%
281	11.665	11.635	11.688	VV	2788	52632	3.27%	0.068%
282	11.692	11.688	11.697	VV	743	3793	0.24%	0.005%
283	11.724	11.697	11.765	VV	4209	86749	5.40%	0.112%
284	11.768	11.765	11.789	VV	810	9937	0.62%	0.013%
285	11.807	11.789	11.827	VV	1265	15933	0.99%	0.021%
286	11.854	11.827	11.876	VV	1085	19183	1.19%	0.025%
287	11.907	11.876	11.947	VV	3880	63116	3.93%	0.082%
288	11.961	11.947	11.979	VV	677	8670	0.54%	0.011%
289	12.010	11.979	12.024	VV	6788	77600	4.83%	0.100%
290	12.040	12.024	12.062	VV	8761	98905	6.15%	0.128%
291	12.069	12.062	12.082	VV	905	9759	0.61%	0.013%
292	12.125	12.082	12.143	VV	7966	129370	8.05%	0.167%
293	12.159	12.143	12.172	VV	4565	55701	3.47%	0.072%
294	12.189	12.172	12.221	VV	6184	81637	5.08%	0.106%
295	12.237	12.221	12.242	PV	219	1377	0.09%	0.002%
296	12.270	12.242	12.289	VV	810	12168	0.76%	0.016%
297	12.326	12.289	12.349	VV	1971	41777	2.60%	0.054%
298	12.370	12.349	12.391	VV	6324	76468	4.76%	0.099%
299	12.416	12.391	12.456	VV	6724	102363	6.37%	0.132%
300	12.480	12.456	12.506	VV	6907	87488	5.44%	0.113%
301	12.514	12.506	12.529	VV	756	7606	0.47%	0.010%
302	12.574	12.529	12.613	VV	66712	779639	48.51%	1.008%
303	12.625	12.613	12.644	VV	1177	18307	1.14%	0.024%
304	12.660	12.644	12.677	VV	1052	15364	0.96%	0.020%
305	12.690	12.677	12.704	VV	744	9969	0.62%	0.013%
306	12.715	12.704	12.719	VV	711	5988	0.37%	0.008%
307	12.736	12.719	12.746	VV	1124	15045	0.94%	0.019%
308	12.757	12.746	12.781	VV	1033	13232	0.82%	0.017%
309	12.803	12.781	12.841	VV	2066	40153	2.50%	0.052%
310	12.864	12.841	12.892	VV	2860	42624	2.65%	0.055%
311	12.913	12.892	12.932	VV	5210	68948	4.29%	0.089%
312	12.970	12.932	12.995	VV	3280	78065	4.86%	0.101%
313	13.030	12.995	13.072	VV	73945	866496	53.92%	1.120%
314	13.094	13.072	13.115	VV	832	10678	0.66%	0.014%
315	13.129	13.115	13.140	VV	334	3606	0.22%	0.005%
316	13.164	13.140	13.175	VV	1207	16443	1.02%	0.021%

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FID_G

ClientSampleId :

TOP-SOIL-3

Manual IntegrationsAPPROVED

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Supervised By :Ankita Jodhani 05/09/2024

317	13.218	13.175	13.258	VV	2932	90028	5.60%	0.116%
318	13.267	13.258	13.302	VV	1036	1893		
319	13.330	13.302	13.355	VV	60345	66366		
320	13.386	13.355	13.401	VV	6266	9098		
321	13.417	13.401	13.447	VV	6358	8215		
322	13.457	13.447	13.462	VV	610	4720	0.29%	0.006%
323	13.472	13.462	13.484	VV	577	6698	0.42%	0.009%
324	13.505	13.484	13.516	VV	2278	27624	1.72%	0.036%
325	13.531	13.516	13.554	VV	2662	33978	2.11%	0.044%
326	13.596	13.554	13.622	PV	7663	127621	7.94%	0.165%
327	13.644	13.622	13.660	VV	4681	73036	4.54%	0.094%
328	13.671	13.660	13.696	VV	3387	47814	2.98%	0.062%
329	13.728	13.696	13.746	VV	2383	41701	2.59%	0.054%
330	13.756	13.746	13.766	VV	933	9504	0.59%	0.012%
331	13.807	13.766	13.871	VV	14058	235082	14.63%	0.304%
332	13.922	13.871	13.957	VV	11365	180193	11.21%	0.233%
333	13.987	13.957	14.004	VV	1092	17552	1.09%	0.023%
334	14.029	14.004	14.051	VV	7681	98163	6.11%	0.127%
335	14.069	14.051	14.092	VV	5011	63198	3.93%	0.082%
336	14.115	14.092	14.138	VV	2701	43354	2.70%	0.056%
337	14.169	14.138	14.183	VV	3375	59004	3.67%	0.076%
338	14.200	14.183	14.220	VV	5198	70947	4.41%	0.092%
339	14.240	14.220	14.280	VV	3794	53275	3.31%	0.069%
340	14.316	14.280	14.338	PV	1163	18367	1.14%	0.024%
341	14.353	14.338	14.367	VV	577	6651	0.41%	0.009%
342	14.387	14.367	14.395	VV	727	8727	0.54%	0.011%
343	14.425	14.395	14.467	VV	861	21006	1.31%	0.027%
344	14.479	14.467	14.497	VV	385	4270	0.27%	0.006%
345	14.511	14.497	14.515	PV	298	2015	0.13%	0.003%
346	14.560	14.515	14.585	VV	5147	86392	5.38%	0.112%
347	14.613	14.585	14.640	VV	2827	70955	4.42%	0.092%
348	14.661	14.640	14.700	VV	4770	83496	5.20%	0.108%
349	14.734	14.700	14.755	VV	4791	73248	4.56%	0.095%
350	14.764	14.755	14.780	VV	2188	25341	1.58%	0.033%
351	14.792	14.780	14.810	VV	1265	18558	1.15%	0.024%
352	14.839	14.810	14.880	VV	5521	100635	6.26%	0.130%
353	14.903	14.880	14.927	VV	8821	113255	7.05%	0.146%
354	14.963	14.927	15.004	VV	5952	111049	6.91%	0.144%
355	15.024	15.004	15.035	VV	1056	13173	0.82%	0.017%
356	15.072	15.035	15.110	VV	101567	1396096	86.87%	1.804%
357	15.114	15.110	15.145	VV	1252	16497	1.03%	0.021%
358	15.167	15.145	15.187	VV	2826	38732	2.41%	0.050%
359	15.216	15.187	15.228	VV	32927	394616	24.55%	0.510%
360	15.242	15.228	15.251	VV	40863	443991	27.63%	0.574%
361	15.255	15.251	15.296	VV	37376	411229	25.59%	0.531%
362	15.320	15.296	15.345	VV	2559	49956	3.11%	0.065%
363	15.379	15.345	15.415	VV	8126	135812	8.45%	0.176%
364	15.422	15.415	15.437	VV	1405	14665	0.91%	0.019%

Instrument :

FID_G

ClientSampleId :

TOP-SOIL-3

Manual IntegrationsAPPROVED

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365	15.459	15.437	15.489	VV	3094	47814	2.98%	0.062%
366	15.522	15.489	15.544	PV	4113	6134		
367	15.574	15.544	15.617	VV	2687	7357		
368	15.658	15.617	15.702	VV	35323	56315		
369	15.722	15.702	15.750	VV	4774	7577		
370	15.759	15.750	15.770	VV	789	7413	0.46%	0.010%
371	15.798	15.770	15.830	VV	6530	99460	6.19%	0.129%
372	15.892	15.830	15.913	VV	7410	190644	11.86%	0.246%
373	15.931	15.913	15.958	VV	4758	70886	4.41%	0.092%
374	15.976	15.958	15.998	VV	2263	34819	2.17%	0.045%
375	16.056	15.998	16.099	VV	4763	149921	9.33%	0.194%
376	16.130	16.099	16.152	VV	2117	39081	2.43%	0.051%
377	16.174	16.152	16.201	VV	1906	31927	1.99%	0.041%
378	16.214	16.201	16.233	VV	1441	19853	1.24%	0.026%
379	16.253	16.233	16.274	VV	1889	27130	1.69%	0.035%
380	16.301	16.274	16.345	VV	5439	104200	6.48%	0.135%
381	16.362	16.345	16.394	VV	2176	35016	2.18%	0.045%
382	16.402	16.394	16.415	VV	548	4870	0.30%	0.006%
383	16.426	16.415	16.440	VV	626	4993	0.31%	0.006%
384	16.509	16.440	16.520	PV	2059	45979	2.86%	0.059%
385	16.536	16.520	16.554	VV	3394	44167	2.75%	0.057%
386	16.566	16.554	16.577	VV	1804	20886	1.30%	0.027%
387	16.602	16.577	16.629	VV	5375	96024	5.97%	0.124%
388	16.675	16.629	16.730	VV	12152	274874	17.10%	0.355%
389	16.783	16.730	16.802	PV	41549	604768	37.63%	0.782%
390	16.808	16.802	16.837	VV	14223	148555	9.24%	0.192%
391	16.863	16.837	16.891	VV	3031	50516	3.14%	0.065%
392	16.913	16.891	16.940	VV	8346	106067	6.60%	0.137%
393	16.959	16.940	16.984	VV	1448	27051	1.68%	0.035%
394	16.989	16.984	16.991	VV	549	2437	0.15%	0.003%
395	17.002	16.991	17.020	VV	987	9787	0.61%	0.013%
396	17.044	17.020	17.049	PV	1444	16147	1.00%	0.021%
397	17.105	17.049	17.131	VV	21794	340984	21.22%	0.441%
398	17.163	17.131	17.197	VV	26131	341252	21.23%	0.441%
399	17.262	17.197	17.282	VV	10949	220906	13.75%	0.285%
400	17.303	17.282	17.322	VV	17224	272393	16.95%	0.352%
401	17.329	17.322	17.355	VV	9294	112731	7.01%	0.146%
402	17.418	17.355	17.423	VV	2340	64710	4.03%	0.084%
403	17.425	17.423	17.440	VV	1957	13980	0.87%	0.018%
404	17.450	17.440	17.455	VV	1402	9970	0.62%	0.013%
405	17.482	17.455	17.493	VV	1655	29543	1.84%	0.038%
406	17.528	17.493	17.559	VV	4582	113321	7.05%	0.146%
407	17.577	17.559	17.596	VV	2866	48347	3.01%	0.062%
408	17.620	17.596	17.650	VV	14918	257268	16.01%	0.332%
409	17.705	17.650	17.733	VV	13960	308123	19.17%	0.398%
410	17.754	17.733	17.772	VV	3246	50712	3.16%	0.066%
411	17.786	17.772	17.802	VV	2909	39366	2.45%	0.051%

Instrument :

FID_G

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TOP-SOIL-3

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412	17.828	17.802	17.855	VV	5303	90144	5.61%	0.117%
413	17.888	17.855	17.907	VV	2950	5667		
414	17.930	17.907	17.936	VV	1780	2205		
415	17.948	17.936	17.961	VV	1870	2246		
416	17.969	17.961	17.975	VV	1188	938		
417	17.981	17.975	17.988	VV	1986	11598	0.72%	0.015%
418	17.995	17.988	18.000	VV	2087	12547	0.78%	0.016%
419	18.016	18.000	18.024	VV	2032	26845	1.67%	0.035%
420	18.077	18.024	18.086	VV	4209	116063	7.22%	0.150%
421	18.145	18.086	18.178	VV	11785	381555	23.74%	0.493%
422	18.194	18.178	18.199	VV	4556	53608	3.34%	0.069%
423	18.234	18.199	18.254	VV	8634	203725	12.68%	0.263%
424	18.302	18.254	18.322	VV	14676	365858	22.76%	0.473%
425	18.328	18.322	18.335	VV	8985	67720	4.21%	0.088%
426	18.340	18.335	18.359	VV	8377	100560	6.26%	0.130%
427	18.378	18.359	18.416	VV	7419	201939	12.57%	0.261%
428	18.449	18.416	18.460	VV	9629	171569	10.68%	0.222%
429	18.473	18.460	18.481	VV	10588	128151	7.97%	0.166%
430	18.507	18.481	18.527	VV	29054	550454	34.25%	0.711%
431	18.539	18.527	18.554	VV	27748	377718	23.50%	0.488%
432	18.571	18.554	18.604	VV	28233	515488	32.08%	0.666%
433	18.630	18.604	18.646	VV	10460	235309	14.64%	0.304%
434	18.669	18.646	18.690	VV	23205	421566	26.23%	0.545%
435	18.706	18.690	18.731	VV	16228	324396	20.19%	0.419%
436	18.738	18.731	18.759	VV	10133	150806	9.38%	0.195%
437	18.796	18.759	18.819	VV	27480	537654	33.45%	0.695%
438	18.833	18.819	18.841	VV	10726	128115	7.97%	0.166%
439	18.877	18.841	18.902	VV	12814	410489	25.54%	0.531%
440	18.931	18.902	18.948	VV	17231	369358	22.98%	0.477%
441	18.973	18.948	19.005	VV	22607	575656	35.82%	0.744%
442	19.009	19.005	19.039	VV	11458	230420	14.34%	0.298%
443	19.093	19.039	19.120	VV	21859	773472	48.13%	1.000%
444	19.143	19.120	19.171	VV	19159	478309	29.76%	0.618%
445	19.194	19.171	19.214	VV	14127	348909	21.71%	0.451%
446	19.231	19.214	19.242	VV	16388	245606	15.28%	0.317%
447	19.254	19.242	19.260	VV	15714	159232	9.91%	0.206%
448	19.270	19.260	19.291	VV	16631	304649	18.96%	0.394%
449	19.342	19.291	19.367	VV	42062	1246567	77.57%	1.611%
450	19.385	19.367	19.416	VV	29828	785783	48.89%	1.016%
451	19.421	19.416	19.441	VV	24054	344842	21.46%	0.446%
452	19.489	19.441	19.506	VV	28432	986808	61.40%	1.275%
453	19.518	19.506	19.545	VV	26937	539499	33.57%	0.697%
454	19.593	19.545	19.614	VV	23920	908484	56.53%	1.174%
455	19.635	19.614	19.665	VV	23304	668785	41.61%	0.864%
456	19.676	19.665	19.688	VV	21423	285993	17.80%	0.370%
457	19.729	19.688	19.733	VV	21848	562901	35.03%	0.727%
458	19.740	19.733	19.746	VV	22014	159970	9.95%	0.207%
459	19.772	19.746	19.785	VV	26348	572029	35.59%	0.739%

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FID_G

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TOP-SOIL-3

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460	19.807	19.785	19.815	VV	28540	484091	30.12%	0.626%
461	19.835	19.815	19.858	VV	33105	76169		
462	19.886	19.858	19.917	VV	34906	108951		
463	19.955	19.917	19.980	VV	39008	123257		
464	20.028	19.980	20.052	VV	37345	137432		
465	20.061	20.052	20.073	VV	32596	411035	25.58%	0.531%
466	20.087	20.073	20.095	VV	32609	425964	26.50%	0.551%
467	20.124	20.095	20.162	VV	49952	1607110	100.00%	2.077%
468	20.165	20.162	20.175	VV	34146	270775	16.85%	0.350%
469	20.202	20.175	20.214	VV	37030	806154	50.16%	1.042%
470	20.219	20.214	20.228	VV	35175	285811	17.78%	0.369%
471	20.235	20.228	20.240	VV	36245	274426	17.08%	0.355%
472	20.245	20.240	20.260	VV	35708	414595	25.80%	0.536%
473	20.285	20.260	20.297	VV	36543	758059	47.17%	0.980%
474	20.336	20.297	20.363	VV	46018	1604654	99.85%	2.074%
475	20.397	20.363	20.413	VV	44601	1221889	76.03%	1.579%
476	20.420	20.413	20.424	VV	40793	253629	15.78%	0.328%
477	20.436	20.424	20.448	VV	42125	600166	37.34%	0.776%
478	20.487	20.448	20.497	VV	42496	1202199	74.80%	1.554%
479	20.509	20.497	20.526	VV	43265	724720	45.09%	0.937%
480	20.543	20.526	20.556	VV	42686	746177	46.43%	0.964%
481	20.583	20.556	20.589	VV	46719	873499	54.35%	1.129%
482	20.592	20.589	20.600	VV	44956	286573	17.83%	0.370%
483	20.605	20.600	20.623	VV	44279	610449	37.98%	0.789%
484	20.631	20.623	20.645	VV	43225	553236	34.42%	0.715%
485	20.651	20.645	20.655	VV	42241	253040	15.75%	0.327%
486	20.677	20.655	20.702	VV	52252	1318922	82.07%	1.705%
487	20.724	20.702	20.749	VV	48928	1279675	79.63%	1.654%
488	20.760	20.749	20.767	VV	45439	492860	30.67%	0.637%
489	20.792	20.767	20.804	VV	45845	997905	62.09%	1.290%
490	20.812	20.804	20.823	VV	45518	507212	31.56%	0.656%
491	20.842	20.823	20.850	VV	45388	720571	44.84%	0.931%
492	20.857	20.850	20.902	VV	45447	1321078	82.20%	1.707%
493	20.920	20.902	20.966	VV	38391	1381258	85.95%	1.785%
494	20.993	20.966	20.999	VV	38210	695533	43.28%	0.899%
495	21.004	20.999	21.014	VV	36735	338481	21.06%	0.437%
496	21.020	21.014	21.025	VV	36557	227978	14.19%	0.295%
497	21.032	21.025	21.042	VV	37006	373538	23.24%	0.483%
498	21.057	21.042	21.073	VV	37131	691872	43.05%	0.894%
499	21.099	21.073	21.106	VV	37150	700838	43.61%	0.906%
500	21.125	21.106	21.132	VV	38307	575673	35.82%	0.744%
501	21.146	21.132	21.160	VV	38026	633683	39.43%	0.819%
502	21.180	21.160	21.214	VV	38453	1193662	74.27%	1.543%
503	21.218	21.214	21.225	VV	34581	223279	13.89%	0.289%
504	21.246	21.225	21.255	VV	36135	626453	38.98%	0.810%
505	21.261	21.255	21.287	VV	35685	653035	40.63%	0.844%
506	21.292	21.287	21.322	VV	32417	631243	39.28%	0.816%

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507	21.327	21.322	21.354	VV	29627	533019	33.17%	0.689%
508	21.365	21.354	21.372	VV	27528	29277		
509	21.380	21.372	21.387	VV	27606	24746		
510	21.395	21.387	21.404	VV	26807	26066		
511	21.412	21.404	21.425	VV	26303	31916		
512	21.438	21.425	21.459	VV	25719	494393	30.76%	0.639%
513	21.468	21.459	21.473	VV	24056	194615	12.11%	0.252%
514	21.482	21.473	21.507	VV	24145	446167	27.76%	0.577%
515	21.519	21.507	21.528	VV	20911	259285	16.13%	0.335%
516	21.536	21.528	21.545	VV	21367	214010	13.32%	0.277%
517	21.551	21.545	21.557	VV	21261	140810	8.76%	0.182%
518	21.566	21.557	21.574	VV	22609	224465	13.97%	0.290%
519	21.580	21.574	21.594	VV	22660	257239	16.01%	0.332%
520	21.600	21.594	21.609	VV	20870	182525	11.36%	0.236%
521	21.619	21.609	21.625	VV	21084	203989	12.69%	0.264%
522	21.634	21.625	21.644	VV	20485	221845	13.80%	0.287%
523	21.664	21.644	21.679	VV	20755	430166	26.77%	0.556%
524	21.692	21.679	21.699	VV	20400	237834	14.80%	0.307%
525	21.709	21.699	21.715	VV	20615	177456	11.04%	0.229%
526	21.719	21.715	21.723	VV	19868	104219	6.48%	0.135%
527	21.729	21.723	21.735	VV	19994	131488	8.18%	0.170%
528	21.759	21.735	21.817	VV	20534	844929	52.57%	1.092%
529	21.822	21.817	21.830	VV	11824	89343	5.56%	0.115%
530	21.837	21.830	21.851	VV	11060	128138	7.97%	0.166%
531	21.853	21.851	21.880	VV	10080	158694	9.87%	0.205%
532	21.929	21.880	21.955	VV	10307	415551	25.86%	0.537%
533	21.978	21.955	21.987	VV	8709	150940	9.39%	0.195%
534	21.996	21.987	22.001	VV	8219	65706	4.09%	0.085%
535	22.014	22.001	22.020	VV	7982	87136	5.42%	0.113%
536	22.029	22.020	22.054	VV	8820	149893	9.33%	0.194%
537	22.093	22.054	22.105	VV	9439	241673	15.04%	0.312%
538	22.114	22.105	22.123	VV	7686	75194	4.68%	0.097%
539	22.128	22.123	22.133	VV	7038	39751	2.47%	0.051%
540	22.145	22.133	22.152	VV	8196	84242	5.24%	0.109%
541	22.157	22.152	22.187	VV	7748	129234	8.04%	0.167%
542	22.194	22.187	22.204	VV	4854	44327	2.76%	0.057%
543	22.221	22.204	22.242	VV	5785	102273	6.36%	0.132%
544	22.257	22.242	22.263	VV	3195	34426	2.14%	0.044%
545	22.268	22.263	22.293	VV	2609	29864	1.86%	0.039%

Sum of corrected areas: 77376833

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533019 33.17% 0.689%

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