

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012624\
 Data File : FG013370.D
 Signal(s) : FID1A.ch
 Acq On : 26 Jan 2024 14:32
 Sample : P1241-01 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG010824.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.921	1.906	1.930	BV	41	-35	-0.00%	-0.000%
2	1.950	1.930	1.991	PV	505	5658	0.03%	0.004%
3	2.001	1.991	2.015	PV	111	682	0.00%	0.001%
4	2.062	2.015	2.076	VV	177	3541	0.02%	0.003%
5	2.081	2.076	2.102	VV	125	1507	0.01%	0.001%
6	2.107	2.102	2.116	VV	117	629	0.00%	0.000%
7	2.132	2.116	2.156	VV	176	2502	0.01%	0.002%
8	2.161	2.156	2.172	VV	105	575	0.00%	0.000%
9	2.177	2.172	2.185	VV	95	592	0.00%	0.000%
10	2.190	2.185	2.203	VV	101	985	0.00%	0.001%
11	2.208	2.203	2.228	VV	120	1405	0.01%	0.001%
12	2.237	2.228	2.246	VV	107	884	0.00%	0.001%
13	2.260	2.246	2.280	VV	178	2237	0.01%	0.002%
14	2.303	2.280	2.344	VV	310	7209	0.04%	0.005%
15	2.360	2.344	2.406	VV	1116	17631	0.09%	0.013%
16	2.409	2.406	2.458	VV	241	3092	0.02%	0.002%
17	2.476	2.458	2.492	PV	204	1907	0.01%	0.001%
18	2.499	2.492	2.513	VV	81	646	0.00%	0.000%
19	2.518	2.513	2.523	VV	100	443	0.00%	0.000%
20	2.533	2.523	2.538	VV	126	776	0.00%	0.001%
21	2.549	2.538	2.577	VV	142	1729	0.01%	0.001%
22	2.588	2.577	2.595	VV	101	446	0.00%	0.000%
23	2.599	2.595	2.612	VV	86	501	0.00%	0.000%
24	2.636	2.612	2.651	VV	173	2349	0.01%	0.002%
25	2.660	2.651	2.681	VV	176	1963	0.01%	0.001%
26	2.691	2.681	2.702	PV	98	667	0.00%	0.001%
27	2.705	2.702	2.710	VV	110	409	0.00%	0.000%
28	2.713	2.710	2.727	VV	85	794	0.00%	0.001%
29	2.742	2.727	2.755	VV	292	3156	0.02%	0.002%
30	2.762	2.755	2.787	VV	262	3221	0.02%	0.002%
31	2.789	2.787	2.801	VV	143	816	0.00%	0.001%
32	2.806	2.801	2.811	VV	111	474	0.00%	0.000%
33	2.825	2.811	2.831	VV	138	1144	0.01%	0.001%
34	2.860	2.831	2.867	VV	153	2210	0.01%	0.002%
35	2.875	2.867	2.898	VV	181	2298	0.01%	0.002%
36	2.912	2.898	2.931	VV	187	2378	0.01%	0.002%

					rteres			
37	2.962	2.931	2.991	VV	308	7116	0.03%	0.005%
38	2.997	2.991	3.005	VV	157	1004	0.00%	0.001%
39	3.020	3.005	3.055	VV	283	3660	0.02%	0.003%
40	3.069	3.055	3.088	VV	288	3718	0.02%	0.003%
41	3.107	3.088	3.123	VV	306	4987	0.02%	0.004%
42	3.137	3.123	3.160	VV	245	3076	0.01%	0.002%
43	3.192	3.160	3.198	VV	175	2513	0.01%	0.002%
44	3.207	3.198	3.223	VV	217	2453	0.01%	0.002%
45	3.227	3.223	3.231	VV	236	1012	0.00%	0.001%
46	3.234	3.231	3.240	VV	263	1138	0.01%	0.001%
47	3.246	3.240	3.252	VV	200	1291	0.01%	0.001%
48	3.255	3.252	3.278	VV	216	1864	0.01%	0.001%
49	3.282	3.278	3.298	VV	257	1271	0.01%	0.001%
50	3.304	3.298	3.311	VV	108	712	0.00%	0.001%
51	3.328	3.311	3.338	VV	481	5468	0.03%	0.004%
52	3.345	3.338	3.364	VV	407	4474	0.02%	0.003%
53	3.370	3.364	3.396	VV	175	2069	0.01%	0.002%
54	3.409	3.396	3.415	VV	86	585	0.00%	0.000%
55	3.436	3.415	3.453	PV	123	1264	0.01%	0.001%
56	3.475	3.453	3.488	VV	228	3208	0.02%	0.002%
57	3.501	3.488	3.523	VV	250	3801	0.02%	0.003%
58	3.542	3.523	3.558	VV	211	3473	0.02%	0.003%
59	3.574	3.558	3.590	VV	257	3581	0.02%	0.003%
60	3.608	3.590	3.629	VV	1211	14219	0.07%	0.011%
61	3.644	3.629	3.662	VV	643	8260	0.04%	0.006%
62	3.685	3.662	3.712	VV	693	10684	0.05%	0.008%
63	3.732	3.712	3.762	VV	291	5702	0.03%	0.004%
64	3.780	3.762	3.824	VV	676	13437	0.07%	0.010%
65	3.836	3.824	3.846	VV	191	1922	0.01%	0.001%
66	3.859	3.846	3.895	VV	433	6975	0.03%	0.005%
67	3.914	3.895	3.929	VV	687	8192	0.04%	0.006%
68	3.936	3.929	3.949	VV	315	2604	0.01%	0.002%
69	3.966	3.949	3.990	VV	523	5551	0.03%	0.004%
70	4.014	3.990	4.037	VV	613	11158	0.05%	0.008%
71	4.048	4.037	4.083	VV	485	6791	0.03%	0.005%
72	4.105	4.083	4.113	PV	1227	12413	0.06%	0.009%
73	4.120	4.113	4.137	VV	1102	10865	0.05%	0.008%
74	4.150	4.137	4.180	VV	1420	21442	0.10%	0.016%
75	4.192	4.180	4.207	VV	559	7239	0.04%	0.005%
76	4.230	4.207	4.259	VV	835	13963	0.07%	0.011%
77	4.264	4.259	4.268	VV	141	733	0.00%	0.001%
78	4.304	4.268	4.311	VV	2343	22602	0.11%	0.017%
79	4.319	4.311	4.342	VV	2476	31306	0.15%	0.024%
80	4.354	4.342	4.382	VV	1312	19818	0.10%	0.015%
81	4.397	4.382	4.437	VV	513	10561	0.05%	0.008%
82	4.479	4.437	4.497	PV	699	11789	0.06%	0.009%
83	4.524	4.497	4.549	VV	818	13029	0.06%	0.010%
84	4.583	4.549	4.603	VV	4024	46646	0.23%	0.035%
85	4.620	4.603	4.638	VV	1661	16819	0.08%	0.013%
86	4.659	4.638	4.679	VV	965	11992	0.06%	0.009%
87	4.693	4.679	4.721	VV	409	4784	0.02%	0.004%
88	4.738	4.721	4.746	PV	787	6638	0.03%	0.005%
89	4.758	4.746	4.780	VV	882	12069	0.06%	0.009%

					rteres			
90	4.798	4.780	4.818	VV	1022	15524	0.08%	0.012%
91	4.837	4.818	4.852	VV	687	9318	0.05%	0.007%
92	4.869	4.852	4.882	VV	2556	25945	0.13%	0.020%
93	4.893	4.882	4.908	VV	1557	15779	0.08%	0.012%
94	4.928	4.908	4.937	VV	1212	14995	0.07%	0.011%
95	4.948	4.937	4.963	VV	1565	17929	0.09%	0.013%
96	4.972	4.963	4.977	VV	710	5597	0.03%	0.004%
97	4.999	4.977	5.015	VV	2865	35484	0.17%	0.027%
98	5.045	5.015	5.065	VV	2501	45422	0.22%	0.034%
99	5.096	5.065	5.138	VV	4174	71636	0.35%	0.054%
100	5.164	5.138	5.181	VV	2046	26075	0.13%	0.020%
101	5.198	5.181	5.221	VV	1166	14608	0.07%	0.011%
102	5.262	5.221	5.274	VV	2346	32524	0.16%	0.024%
103	5.292	5.274	5.318	VV	4256	66024	0.32%	0.050%
104	5.338	5.318	5.354	VV	4383	48613	0.24%	0.037%
105	5.369	5.354	5.384	VV	3943	43912	0.21%	0.033%
106	5.403	5.384	5.441	VV	3697	55233	0.27%	0.042%
107	5.468	5.441	5.482	PV	587	9359	0.05%	0.007%
108	5.503	5.482	5.515	VV	2412	27714	0.13%	0.021%
109	5.527	5.515	5.550	VV	2475	37040	0.18%	0.028%
110	5.570	5.550	5.584	VV	3627	51255	0.25%	0.039%
111	5.599	5.584	5.616	VV	4032	49554	0.24%	0.037%
112	5.628	5.616	5.645	VV	1543	23900	0.12%	0.018%
113	5.664	5.645	5.681	VV	2180	31293	0.15%	0.024%
114	5.692	5.681	5.699	VV	972	8672	0.04%	0.007%
115	5.721	5.699	5.765	VV	23926	340982	1.66%	0.257%
116	5.772	5.765	5.780	VV	1192	9813	0.05%	0.007%
117	5.794	5.780	5.832	VV	1483	27228	0.13%	0.020%
118	5.849	5.832	5.863	VV	1144	15238	0.07%	0.011%
119	5.874	5.863	5.884	VV	1015	10420	0.05%	0.008%
120	5.908	5.884	5.938	VV	8338	131140	0.64%	0.099%
121	5.946	5.938	5.961	VV	1840	20400	0.10%	0.015%
122	5.988	5.961	5.997	VV	3102	41069	0.20%	0.031%
123	6.013	5.997	6.023	VV	7153	79334	0.39%	0.060%
124	6.032	6.023	6.058	VV	6777	93244	0.45%	0.070%
125	6.068	6.058	6.077	VV	2211	22016	0.11%	0.017%
126	6.089	6.077	6.093	VV	2761	23220	0.11%	0.017%
127	6.109	6.093	6.125	VV	8654	96132	0.47%	0.072%
128	6.134	6.125	6.139	VV	2324	18054	0.09%	0.014%
129	6.154	6.139	6.174	VV	3765	52778	0.26%	0.040%
130	6.200	6.174	6.220	VV	4107	56244	0.27%	0.042%
131	6.253	6.220	6.273	VV	4959	86979	0.42%	0.065%
132	6.310	6.273	6.338	VV	4692	137193	0.67%	0.103%
133	6.351	6.338	6.370	VV	5046	61442	0.30%	0.046%
134	6.397	6.370	6.416	VV	7123	94656	0.46%	0.071%
135	6.437	6.416	6.450	VV	5467	80806	0.39%	0.061%
136	6.461	6.450	6.506	VV	6512	131559	0.64%	0.099%
137	6.522	6.506	6.537	VV	4591	54177	0.26%	0.041%
138	6.548	6.537	6.557	VV	3107	33505	0.16%	0.025%
139	6.577	6.557	6.607	VV	5028	93857	0.46%	0.071%
140	6.626	6.607	6.648	VV	3340	60158	0.29%	0.045%
141	6.648	6.648	6.652	VV	2349	5703	0.03%	0.004%

					rteres			
142	6.677	6.652	6.693	VV	7501	113601	0.55%	0.086%
143	6.698	6.693	6.711	VV	2571	24291	0.12%	0.018%
144	6.722	6.711	6.732	VV	2453	27009	0.13%	0.020%
145	6.752	6.732	6.802	VV	34932	426427	2.07%	0.321%
146	6.813	6.802	6.821	VV	1409	13713	0.07%	0.010%
147	6.841	6.821	6.853	VV	2790	38186	0.19%	0.029%
148	6.872	6.853	6.888	VV	3958	70215	0.34%	0.053%
149	6.906	6.888	6.933	VV	13876	182477	0.89%	0.137%
150	6.951	6.933	6.969	VV	5551	82818	0.40%	0.062%
151	6.980	6.969	6.993	VV	3535	39229	0.19%	0.030%
152	7.035	6.993	7.056	VV	8457	142934	0.70%	0.108%
153	7.083	7.056	7.088	VV	5458	65855	0.32%	0.050%
154	7.097	7.088	7.111	VV	5983	67116	0.33%	0.051%
155	7.118	7.111	7.132	VV	3398	33649	0.16%	0.025%
156	7.159	7.132	7.189	VV	18532	242580	1.18%	0.183%
157	7.196	7.189	7.207	VV	1950	19715	0.10%	0.015%
158	7.232	7.207	7.249	VV	4868	83656	0.41%	0.063%
159	7.284	7.249	7.306	VV	8924	189109	0.92%	0.142%
160	7.327	7.306	7.354	VV	11836	162015	0.79%	0.122%
161	7.389	7.354	7.416	VV	11528	266054	1.29%	0.200%
162	7.433	7.416	7.452	VV	8183	103697	0.50%	0.078%
163	7.475	7.452	7.511	VV	14043	219790	1.07%	0.165%
164	7.529	7.511	7.555	VV	6096	112257	0.55%	0.085%
165	7.576	7.555	7.592	VV	5416	78602	0.38%	0.059%
166	7.604	7.592	7.615	VV	3359	41207	0.20%	0.031%
167	7.624	7.615	7.638	VV	3094	40279	0.20%	0.030%
168	7.678	7.638	7.684	VV	13994	187362	0.91%	0.141%
169	7.701	7.684	7.725	VV	46874	542123	2.64%	0.408%
170	7.740	7.725	7.747	VV	5358	57174	0.28%	0.043%
171	7.753	7.747	7.763	VV	5088	45504	0.22%	0.034%
172	7.770	7.763	7.781	VV	5113	52666	0.26%	0.040%
173	7.789	7.781	7.809	VV	4227	58152	0.28%	0.044%
174	7.824	7.809	7.850	VV	3502	73156	0.36%	0.055%
175	7.876	7.850	7.910	VV	13294	250319	1.22%	0.188%
176	7.929	7.910	7.950	VV	5395	82277	0.40%	0.062%
177	7.971	7.950	7.983	VV	3549	50241	0.24%	0.038%
178	7.996	7.983	8.003	VV	3740	39446	0.19%	0.030%
179	8.018	8.003	8.028	VV	6466	75582	0.37%	0.057%
180	8.040	8.028	8.059	VV	6656	96434	0.47%	0.073%
181	8.074	8.059	8.108	VV	5937	119305	0.58%	0.090%
182	8.135	8.108	8.150	VV	7166	128458	0.62%	0.097%
183	8.166	8.150	8.178	VV	7695	108484	0.53%	0.082%
184	8.187	8.178	8.205	VV	6898	85694	0.42%	0.065%
185	8.229	8.205	8.250	VV	8892	140289	0.68%	0.106%
186	8.277	8.250	8.297	VV	11361	181473	0.88%	0.137%
187	8.313	8.297	8.323	VV	9610	114743	0.56%	0.086%
188	8.335	8.323	8.358	VV	12550	156411	0.76%	0.118%
189	8.404	8.358	8.437	VV	15679	309502	1.51%	0.233%
190	8.457	8.437	8.476	VV	4193	86474	0.42%	0.065%
191	8.498	8.476	8.521	VV	8907	183415	0.89%	0.138%
192	8.534	8.521	8.541	VV	7766	83041	0.40%	0.063%
193	8.554	8.541	8.562	VV	9169	107369	0.52%	0.081%
194	8.585	8.562	8.611	VV	50447	649991	3.16%	0.489%

					rteres			
195	8.629	8.611	8.647	VV	7346	130132	0.63%	0.098%
196	8.660	8.647	8.666	VV	5180	54647	0.27%	0.041%
197	8.686	8.666	8.715	VV	7560	170947	0.83%	0.129%
198	8.747	8.715	8.761	VV	9423	172417	0.84%	0.130%
199	8.771	8.761	8.788	VV	6067	84286	0.41%	0.063%
200	8.806	8.788	8.849	VV	8548	190823	0.93%	0.144%
201	8.878	8.849	8.901	VV	5178	116305	0.57%	0.088%
202	8.915	8.901	8.927	VV	4005	52522	0.26%	0.040%
203	8.964	8.927	8.992	VV	7483	237603	1.16%	0.179%
204	9.009	8.992	9.022	VV	7996	124590	0.61%	0.094%
205	9.040	9.022	9.064	VV	10020	198255	0.96%	0.149%
206	9.082	9.064	9.097	VV	8235	133307	0.65%	0.100%
207	9.126	9.097	9.154	VV	20748	348338	1.69%	0.262%
208	9.180	9.154	9.197	VV	8288	145329	0.71%	0.109%
209	9.207	9.197	9.217	VV	4843	52898	0.26%	0.040%
210	9.232	9.217	9.259	VV	5900	123472	0.60%	0.093%
211	9.276	9.259	9.293	VV	5739	97731	0.48%	0.074%
212	9.305	9.293	9.321	VV	4055	60585	0.29%	0.046%
213	9.352	9.321	9.373	VV	6500	160408	0.78%	0.121%
214	9.414	9.373	9.437	VV	51157	696705	3.39%	0.524%
215	9.442	9.437	9.480	VV	6587	121110	0.59%	0.091%
216	9.502	9.480	9.525	VV	6131	120092	0.58%	0.090%
217	9.558	9.525	9.579	VV	5685	128169	0.62%	0.096%
218	9.593	9.579	9.602	VV	3559	41834	0.20%	0.031%
219	9.617	9.602	9.630	VV	4289	57838	0.28%	0.044%
220	9.645	9.630	9.663	VV	4922	80908	0.39%	0.061%
221	9.673	9.663	9.682	VV	3569	38226	0.19%	0.029%
222	9.698	9.682	9.714	VV	6178	88655	0.43%	0.067%
223	9.720	9.714	9.731	VV	3944	36653	0.18%	0.028%
224	9.747	9.731	9.765	VV	4669	79205	0.39%	0.060%
225	9.792	9.765	9.823	VV	11877	257185	1.25%	0.194%
226	9.836	9.823	9.844	VV	5437	63185	0.31%	0.048%
227	9.878	9.844	9.899	VV	9091	211094	1.03%	0.159%
228	9.923	9.899	9.942	VV	8244	140098	0.68%	0.105%
229	9.976	9.942	10.001	VV	7550	182123	0.89%	0.137%
230	10.023	10.001	10.053	VV	3232	82497	0.40%	0.062%
231	10.074	10.053	10.091	VV	2754	57900	0.28%	0.044%
232	10.110	10.091	10.120	VV	4041	56595	0.28%	0.043%
233	10.125	10.120	10.127	VV	3888	18012	0.09%	0.014%
234	10.152	10.127	10.174	VV	6881	147863	0.72%	0.111%
235	10.197	10.174	10.248	VV	49054	635295	3.09%	0.478%
236	10.276	10.248	10.291	VV	3871	84982	0.41%	0.064%
237	10.301	10.291	10.345	VV	3816	80230	0.39%	0.060%
238	10.370	10.345	10.399	VV	3744	78535	0.38%	0.059%
239	10.412	10.399	10.423	VV	2029	26501	0.13%	0.020%
240	10.448	10.423	10.457	VV	2192	42141	0.20%	0.032%
241	10.473	10.457	10.491	VV	2776	45355	0.22%	0.034%
242	10.546	10.491	10.562	VV	5352	141998	0.69%	0.107%
243	10.588	10.562	10.615	VV	17876	294611	1.43%	0.222%
244	10.637	10.615	10.658	VV	6738	115252	0.56%	0.087%
245	10.676	10.658	10.695	VV	6712	108049	0.53%	0.081%
246	10.708	10.695	10.718	VV	3516	42009	0.20%	0.032%

					rteres			
247	10.733	10.718	10.763	VV	6777	102306	0.50%	0.077%
248	10.782	10.763	10.794	VV	2410	34355	0.17%	0.026%
249	10.802	10.794	10.818	VV	2076	26651	0.13%	0.020%
250	10.843	10.818	10.860	VV	3630	67722	0.33%	0.051%
251	10.872	10.860	10.902	VV	2899	64903	0.32%	0.049%
252	10.939	10.902	10.974	VV	42831	572956	2.79%	0.431%
253	11.013	10.974	11.041	VV	16462	322550	1.57%	0.243%
254	11.057	11.041	11.096	VV	3402	76109	0.37%	0.057%
255	11.100	11.096	11.113	VV	1053	9587	0.05%	0.007%
256	11.134	11.113	11.140	VV	1738	23554	0.11%	0.018%
257	11.156	11.140	11.168	VV	2096	31036	0.15%	0.023%
258	11.187	11.168	11.203	VV	5156	71075	0.35%	0.054%
259	11.216	11.203	11.238	VV	3065	48857	0.24%	0.037%
260	11.265	11.238	11.301	VV	5530	132381	0.64%	0.100%
261	11.333	11.301	11.375	VV	6123	152254	0.74%	0.115%
262	11.396	11.375	11.429	VV	4570	78034	0.38%	0.059%
263	11.448	11.429	11.466	VV	3499	49217	0.24%	0.037%
264	11.499	11.466	11.525	VV	2043	45099	0.22%	0.034%
265	11.555	11.525	11.567	VV	1504	26120	0.13%	0.020%
266	11.582	11.567	11.586	VV	1570	16649	0.08%	0.013%
267	11.595	11.586	11.604	VV	1666	17356	0.08%	0.013%
268	11.645	11.604	11.682	VV	35396	463616	2.25%	0.349%
269	11.689	11.682	11.701	VV	2338	24473	0.12%	0.018%
270	11.738	11.701	11.776	VV	11388	208430	1.01%	0.157%
271	11.800	11.776	11.817	VV	1125	17479	0.09%	0.013%
272	11.844	11.817	11.865	VV	1744	24999	0.12%	0.019%
273	11.906	11.865	11.920	VV	1755	40000	0.19%	0.030%
274	11.939	11.920	11.983	VV	3470	88087	0.43%	0.066%
275	11.997	11.983	12.013	VV	2382	32052	0.16%	0.024%
276	12.045	12.013	12.066	VV	3646	93876	0.46%	0.071%
277	12.077	12.066	12.104	VV	3585	60267	0.29%	0.045%
278	12.133	12.104	12.160	VV	3832	72262	0.35%	0.054%
279	12.175	12.160	12.187	VV	1694	19684	0.10%	0.015%
280	12.206	12.187	12.235	VV	4087	53191	0.26%	0.040%
281	12.253	12.235	12.271	VV	813	12621	0.06%	0.010%
282	12.318	12.271	12.342	VV	26555	390381	1.90%	0.294%
283	12.372	12.342	12.400	VV	332588	3848986	18.72%	2.897%
284	12.405	12.400	12.461	VV	2655	56047	0.27%	0.042%
285	12.473	12.461	12.492	VV	868	10606	0.05%	0.008%
286	12.563	12.492	12.635	PV	42318	638737	3.11%	0.481%
287	12.651	12.635	12.671	VV	4345	61159	0.30%	0.046%
288	12.680	12.671	12.685	VV	1803	13975	0.07%	0.011%
289	12.699	12.685	12.709	VV	2173	29001	0.14%	0.022%
290	12.731	12.709	12.766	VV	3380	63219	0.31%	0.048%
291	12.804	12.766	12.826	VV	5134	100281	0.49%	0.075%
292	12.842	12.826	12.865	VV	2350	34481	0.17%	0.026%
293	12.897	12.865	12.925	VV	4426	83440	0.41%	0.063%
294	12.960	12.925	12.985	VV	25137	324143	1.58%	0.244%
295	13.015	12.985	13.073	VV	10482	200864	0.98%	0.151%
296	13.078	13.073	13.093	VV	947	10191	0.05%	0.008%
297	13.116	13.093	13.131	VV	1431	24189	0.12%	0.018%
298	13.143	13.131	13.161	VV	1338	14861	0.07%	0.011%
299	13.216	13.161	13.235	PV	2469	51674	0.25%	0.039%

					rteres			
300	13.243	13.235	13.247	VV	1391	9534	0.05%	0.007%
301	13.260	13.247	13.293	VV	1775	25476	0.12%	0.019%
302	13.314	13.293	13.337	VV	5734	75997	0.37%	0.057%
303	13.354	13.337	13.361	VV	3697	38174	0.19%	0.029%
304	13.407	13.361	13.436	VV	1352022	20560473	100.00%	15.477%
305	13.457	13.436	13.478	VV	660689	7817519	38.02%	5.885%
306	13.486	13.478	13.533	VV	55302	613075	2.98%	0.462%
307	13.580	13.533	13.603	VV	25384	410429	2.00%	0.309%
308	13.630	13.603	13.702	VV	136276	1849419	9.00%	1.392%
309	13.718	13.702	13.731	VV	1953	24396	0.12%	0.018%
310	13.748	13.731	13.756	VV	2551	29458	0.14%	0.022%
311	13.766	13.756	13.778	VV	2879	32731	0.16%	0.025%
312	13.800	13.778	13.839	VV	17354	262150	1.28%	0.197%
313	13.844	13.839	13.884	VV	2008	38028	0.18%	0.029%
314	13.924	13.884	13.943	VV	4443	82855	0.40%	0.062%
315	13.958	13.943	13.982	VV	2420	34181	0.17%	0.026%
316	14.008	13.982	14.012	VV	1629	20762	0.10%	0.016%
317	14.028	14.012	14.043	VV	2335	32642	0.16%	0.025%
318	14.058	14.043	14.073	VV	2151	28616	0.14%	0.022%
319	14.087	14.073	14.096	VV	2187	25962	0.13%	0.020%
320	14.106	14.096	14.131	VV	1905	27303	0.13%	0.021%
321	14.164	14.131	14.240	VV	16023	309765	1.51%	0.233%
322	14.280	14.240	14.331	VV	2989	86018	0.42%	0.065%
323	14.374	14.331	14.380	PV	3502	45088	0.22%	0.034%
324	14.396	14.380	14.418	VV	3817	66133	0.32%	0.050%
325	14.444	14.418	14.455	VV	4963	71117	0.35%	0.054%
326	14.465	14.455	14.493	VV	4900	69241	0.34%	0.052%
327	14.499	14.493	14.506	VV	1229	7851	0.04%	0.006%
328	14.528	14.506	14.533	VV	3015	32395	0.16%	0.024%
329	14.551	14.533	14.567	VV	4249	73354	0.36%	0.055%
330	14.576	14.567	14.588	VV	3809	41757	0.20%	0.031%
331	14.639	14.588	14.666	VV	13319	344376	1.67%	0.259%
332	14.679	14.666	14.698	VV	3704	48153	0.23%	0.036%
333	14.725	14.698	14.760	VV	17766	305999	1.49%	0.230%
334	14.785	14.760	14.809	VV	15942	235452	1.15%	0.177%
335	14.824	14.809	14.830	VV	3807	39569	0.19%	0.030%
336	14.844	14.830	14.870	VV	4388	75016	0.36%	0.056%
337	14.889	14.870	14.911	VV	3080	45865	0.22%	0.035%
338	14.941	14.911	14.964	VV	8014	112944	0.55%	0.085%
339	14.988	14.964	15.000	VV	1955	34080	0.17%	0.026%
340	15.066	15.000	15.102	VV	37659	617607	3.00%	0.465%
341	15.110	15.102	15.121	VV	1690	15128	0.07%	0.011%
342	15.125	15.121	15.134	VV	1219	7439	0.04%	0.006%
343	15.192	15.134	15.216	VV	9420	178210	0.87%	0.134%
344	15.239	15.216	15.252	VV	5843	76181	0.37%	0.057%
345	15.269	15.252	15.296	VV	8285	128401	0.62%	0.097%
346	15.301	15.296	15.314	VV	1361	12884	0.06%	0.010%
347	15.334	15.314	15.351	VV	3054	48573	0.24%	0.037%
348	15.357	15.351	15.381	VV	1762	19207	0.09%	0.014%
349	15.406	15.381	15.421	VV	2854	41716	0.20%	0.031%
350	15.428	15.421	15.444	VV	1562	18659	0.09%	0.014%
351	15.456	15.444	15.478	VV	1777	21632	0.11%	0.016%

					rteres			
352	15.512	15.478	15.517	VV	1936	27851	0.14%	0.021%
353	15.519	15.517	15.558	VV	1984	30756	0.15%	0.023%
354	15.563	15.558	15.567	VV	720	2994	0.01%	0.002%
355	15.586	15.567	15.617	VV	2415	37082	0.18%	0.028%
356	15.652	15.617	15.690	VV	15153	263088	1.28%	0.198%
357	15.695	15.690	15.708	VV	1953	18237	0.09%	0.014%
358	15.712	15.708	15.731	VV	1379	12453	0.06%	0.009%
359	15.736	15.731	15.744	VV	641	4013	0.02%	0.003%
360	15.759	15.744	15.764	VV	855	7951	0.04%	0.006%
361	15.792	15.764	15.818	VV	6492	102817	0.50%	0.077%
362	15.851	15.818	15.872	VV	11295	179476	0.87%	0.135%
363	15.876	15.872	15.897	VV	4497	40545	0.20%	0.031%
364	15.907	15.897	15.915	VV	1978	17129	0.08%	0.013%
365	15.932	15.915	15.950	VV	2376	29250	0.14%	0.022%
366	16.014	15.950	16.035	PV	4033	105657	0.51%	0.080%
367	16.042	16.035	16.081	VV	3195	64283	0.31%	0.048%
368	16.115	16.081	16.130	VV	2736	49821	0.24%	0.038%
369	16.134	16.130	16.144	VV	1589	11196	0.05%	0.008%
370	16.173	16.144	16.193	VV	3567	67797	0.33%	0.051%
371	16.208	16.193	16.216	VV	3066	35425	0.17%	0.027%
372	16.222	16.216	16.228	VV	2472	15656	0.08%	0.012%
373	16.235	16.228	16.241	VV	2518	17929	0.09%	0.013%
374	16.246	16.241	16.253	VV	2380	15468	0.08%	0.012%
375	16.262	16.253	16.268	VV	2555	20637	0.10%	0.016%
376	16.299	16.268	16.338	VV	7309	186290	0.91%	0.140%
377	16.356	16.338	16.376	VV	3612	68149	0.33%	0.051%
378	16.383	16.376	16.439	VV	2327	66637	0.32%	0.050%
379	16.485	16.439	16.490	VV	5356	105681	0.51%	0.080%
380	16.493	16.490	16.528	VV	4684	86644	0.42%	0.065%
381	16.588	16.528	16.611	VV	5350	200827	0.98%	0.151%
382	16.618	16.611	16.622	VV	4243	26503	0.13%	0.020%
383	16.638	16.622	16.645	VV	4294	55036	0.27%	0.041%
384	16.673	16.645	16.707	VV	9824	234790	1.14%	0.177%
385	16.717	16.707	16.721	VV	2848	20518	0.10%	0.015%
386	16.779	16.721	16.807	VV	10825	342336	1.67%	0.258%
387	16.846	16.807	16.858	VV	8331	173788	0.85%	0.131%
388	16.865	16.858	16.870	VV	6886	47177	0.23%	0.036%
389	16.886	16.870	16.900	VV	8034	136147	0.66%	0.102%
390	16.907	16.900	16.922	VV	7451	91371	0.44%	0.069%
391	16.926	16.922	16.930	VV	6983	31968	0.16%	0.024%
392	16.944	16.930	16.967	VV	8669	166237	0.81%	0.125%
393	16.995	16.967	17.016	VV	9670	233014	1.13%	0.175%
394	17.056	17.016	17.072	VV	9304	247234	1.20%	0.186%
395	17.083	17.072	17.102	VV	10040	150374	0.73%	0.113%
396	17.112	17.102	17.125	VV	7872	101020	0.49%	0.076%
397	17.137	17.125	17.155	VV	10131	153577	0.75%	0.116%
398	17.163	17.155	17.182	VV	6870	102950	0.50%	0.077%
399	17.248	17.182	17.260	VV	12606	418788	2.04%	0.315%
400	17.276	17.260	17.292	VV	13936	238677	1.16%	0.180%
401	17.306	17.292	17.325	VV	13177	227941	1.11%	0.172%
402	17.328	17.325	17.332	VV	9830	45328	0.22%	0.034%
403	17.338	17.332	17.363	VV	10011	170693	0.83%	0.128%
404	17.372	17.363	17.390	VV	9619	141179	0.69%	0.106%

					rteres			
405	17.405	17.390	17.410	VV	9181	109957	0.53%	0.083%
406	17.450	17.410	17.467	VV	11604	349708	1.70%	0.263%
407	17.476	17.467	17.482	VV	12114	106366	0.52%	0.080%
408	17.497	17.482	17.526	VV	13302	298967	1.45%	0.225%
409	17.539	17.526	17.547	VV	10661	127286	0.62%	0.096%
410	17.570	17.547	17.605	VV	13707	421049	2.05%	0.317%
411	17.617	17.605	17.626	VV	13481	163295	0.79%	0.123%
412	17.632	17.626	17.635	VV	13948	72648	0.35%	0.055%
413	17.644	17.635	17.659	VV	14583	198308	0.96%	0.149%
414	17.674	17.659	17.696	VV	16496	318462	1.55%	0.240%
415	17.703	17.696	17.720	VV	14346	191372	0.93%	0.144%
416	17.743	17.720	17.758	VV	14708	299638	1.46%	0.226%
417	17.767	17.758	17.794	VV	46591	338188	1.64%	0.255%
418	17.820	17.794	17.852	VV	17863	483380	2.35%	0.364%
419	17.883	17.852	17.899	VV	15718	384984	1.87%	0.290%
420	17.905	17.899	17.921	VV	13103	158486	0.77%	0.119%
421	17.934	17.921	17.949	VV	12933	201853	0.98%	0.152%
422	17.953	17.949	17.960	VV	11824	74616	0.36%	0.056%
423	17.995	17.960	18.020	VV	13591	449873	2.19%	0.339%
424	18.047	18.020	18.051	VV	16385	279617	1.36%	0.210%
425	18.057	18.051	18.066	VV	15984	140046	0.68%	0.105%
426	18.070	18.066	18.077	VV	15712	97945	0.48%	0.074%
427	18.105	18.077	18.111	VV	16803	318889	1.55%	0.240%
428	18.145	18.111	18.172	VV	22524	670630	3.26%	0.505%
429	18.194	18.172	18.226	VV	17565	476792	2.32%	0.359%
430	18.232	18.226	18.238	VV	13543	93536	0.45%	0.070%
431	18.245	18.238	18.249	VV	14086	88806	0.43%	0.067%
432	18.291	18.249	18.329	VV	28793	986094	4.80%	0.742%
433	18.333	18.329	18.361	VV	19793	335476	1.63%	0.253%
434	18.371	18.361	18.382	VV	15793	192090	0.93%	0.145%
435	18.388	18.382	18.393	VV	15780	100699	0.49%	0.076%
436	18.397	18.393	18.413	VV	15449	170259	0.83%	0.128%
437	18.419	18.413	18.424	VV	14772	96840	0.47%	0.073%
438	18.432	18.424	18.438	VV	15847	122125	0.59%	0.092%
439	18.445	18.438	18.450	VV	15600	108236	0.53%	0.081%
440	18.469	18.450	18.476	VV	17189	257890	1.25%	0.194%
441	18.500	18.476	18.541	VV	27454	837667	4.07%	0.631%
442	18.566	18.541	18.588	VV	20727	494217	2.40%	0.372%
443	18.662	18.588	18.684	VV	30483	1171791	5.70%	0.882%
444	18.689	18.684	18.715	VV	21058	347426	1.69%	0.262%
445	18.728	18.715	18.732	VV	18160	184719	0.90%	0.139%
446	18.737	18.732	18.744	VV	18415	126288	0.61%	0.095%
447	18.772	18.744	18.796	VV	19537	559641	2.72%	0.421%
448	18.801	18.796	18.816	VV	18328	210769	1.03%	0.159%
449	18.822	18.816	18.837	VV	18599	219682	1.07%	0.165%
450	18.857	18.837	18.873	VV	18755	373486	1.82%	0.281%
451	18.880	18.873	18.884	VV	17234	115428	0.56%	0.087%
452	18.890	18.884	18.906	VV	18043	214844	1.04%	0.162%
453	18.910	18.906	18.915	VV	17132	91642	0.45%	0.069%
454	18.926	18.915	18.932	VV	18739	173639	0.84%	0.131%
455	18.971	18.932	19.008	VV	26312	963359	4.69%	0.725%
456	19.013	19.008	19.020	VV	17977	124200	0.60%	0.093%

rteres								
457	19.029	19.020	19.033	VV	17981	144224	0.70%	0.109%
458	19.049	19.033	19.054	VV	17845	217924	1.06%	0.164%
459	19.086	19.054	19.105	VV	30724	707981	3.44%	0.533%
460	19.138	19.105	19.155	VV	27980	713462	3.47%	0.537%
461	19.160	19.155	19.165	VV	21445	124237	0.60%	0.094%
462	19.179	19.165	19.188	VV	21153	281788	1.37%	0.212%
463	19.194	19.188	19.200	VV	19978	146158	0.71%	0.110%
464	19.205	19.200	19.212	VV	20350	144286	0.70%	0.109%
465	19.227	19.212	19.233	VV	21342	256888	1.25%	0.193%
466	19.257	19.233	19.293	VV	23977	791232	3.85%	0.596%
467	19.330	19.293	19.358	VV	35083	1048431	5.10%	0.789%
468	19.378	19.358	19.401	VV	32147	721168	3.51%	0.543%
469	19.415	19.401	19.433	VV	28349	475296	2.31%	0.358%
470	19.440	19.433	19.446	VV	23697	178522	0.87%	0.134%
471	19.460	19.446	19.466	VV	25628	295173	1.44%	0.222%
472	19.497	19.466	19.526	VV	28076	931688	4.53%	0.701%
473	19.532	19.526	19.536	VV	21714	127972	0.62%	0.096%
474	19.554	19.536	19.575	VV	23991	527680	2.57%	0.397%
475	19.587	19.575	19.597	VV	24718	313289	1.52%	0.236%
476	19.602	19.597	19.605	VV	24753	114708	0.56%	0.086%
477	19.621	19.605	19.633	VV	26348	427052	2.08%	0.321%
478	19.639	19.633	19.645	VV	23637	160938	0.78%	0.121%
479	19.652	19.645	19.656	VV	24656	159817	0.78%	0.120%
480	19.661	19.656	19.668	VV	24777	176099	0.86%	0.133%
481	19.675	19.668	19.684	VV	24176	222742	1.08%	0.168%
482	19.692	19.684	19.704	VV	24549	295646	1.44%	0.223%
483	19.715	19.704	19.733	VV	25414	412040	2.00%	0.310%
484	19.743	19.733	19.748	VV	25522	217025	1.06%	0.163%
485	19.765	19.748	19.783	VV	30216	571871	2.78%	0.430%
486	19.800	19.783	19.805	VV	32916	402566	1.96%	0.303%
487	19.808	19.805	19.820	VV	31823	253790	1.23%	0.191%
488	19.825	19.820	19.848	VV	27777	457479	2.23%	0.344%
489	19.857	19.848	19.866	VV	27734	285160	1.39%	0.215%
490	19.895	19.866	19.910	VV	29901	738144	3.59%	0.556%
491	19.923	19.910	19.934	VV	28115	392208	1.91%	0.295%
492	19.948	19.934	19.955	VV	28833	344670	1.68%	0.259%
493	19.959	19.955	19.983	VV	28102	458383	2.23%	0.345%
494	20.004	19.983	20.019	VV	30011	622633	3.03%	0.469%
495	20.045	20.019	20.063	VV	33178	793293	3.86%	0.597%
496	20.071	20.063	20.083	VV	30440	348581	1.70%	0.262%
497	20.118	20.083	20.161	VV	44163	1645273	8.00%	1.239%
498	20.168	20.161	20.175	VV	31607	249763	1.21%	0.188%
499	20.194	20.175	20.225	VV	35628	992401	4.83%	0.747%
500	20.234	20.225	20.248	VV	30959	429467	2.09%	0.323%
501	20.263	20.248	20.271	VV	31847	424855	2.07%	0.320%
502	20.277	20.271	20.281	VV	33497	193653	0.94%	0.146%
503	20.289	20.281	20.296	VV	34839	288047	1.40%	0.217%
504	20.313	20.296	20.330	VV	37671	722589	3.51%	0.544%
505	20.339	20.330	20.349	VV	35037	375182	1.82%	0.282%
506	20.362	20.349	20.369	VV	34914	399092	1.94%	0.300%
507	20.384	20.369	20.395	VV	36980	538389	2.62%	0.405%
508	20.417	20.395	20.428	VV	39429	732395	3.56%	0.551%
509	20.433	20.428	20.445	VV	38717	368547	1.79%	0.277%

					rteres			
510	20.463	20.445	20.486	VV	35769	857779	4.17%	0.646%
511	20.501	20.486	20.505	VV	38592	422817	2.06%	0.318%
512	20.514	20.505	20.527	VV	39184	491119	2.39%	0.370%
513	20.537	20.527	20.550	VV	37971	480344	2.34%	0.362%
514	20.586	20.550	20.599	VV	42368	1122124	5.46%	0.845%
515	20.606	20.599	20.613	VV	38231	313792	1.53%	0.236%
516	20.628	20.613	20.634	VV	38144	469833	2.29%	0.354%
517	20.640	20.634	20.644	VV	38224	229408	1.12%	0.173%
518	20.669	20.644	20.676	VV	41118	762916	3.71%	0.574%
519	20.682	20.676	20.685	VV	40222	195445	0.95%	0.147%
520	20.690	20.685	20.706	VV	40876	503477	2.45%	0.379%
521	20.724	20.706	20.760	VV	45059	1309888	6.37%	0.986%
522	20.767	20.760	20.781	VV	38693	486747	2.37%	0.366%
523	20.786	20.781	20.805	VV	38429	540914	2.63%	0.407%
524	20.811	20.805	20.830	VV	38476	566981	2.76%	0.427%
525	20.833	20.830	20.844	VV	37294	283302	1.38%	0.213%
526	20.862	20.844	20.887	VV	38888	959170	4.67%	0.722%
527	20.892	20.887	20.898	VV	36870	234322	1.14%	0.176%
528	20.905	20.898	20.914	VV	37201	352308	1.71%	0.265%
529	20.920	20.914	20.952	VV	35433	769854	3.74%	0.580%
530	20.985	20.952	21.007	VV	35745	1119936	5.45%	0.843%
531	21.025	21.007	21.041	VV	34741	680719	3.31%	0.512%
532	21.050	21.041	21.055	VV	32148	259901	1.26%	0.196%
533	21.058	21.055	21.062	VV	31176	121037	0.59%	0.091%
534	21.078	21.062	21.089	VV	32449	515988	2.51%	0.388%
535	21.099	21.089	21.103	VV	32067	254696	1.24%	0.192%
536	21.108	21.103	21.128	VV	32303	461948	2.25%	0.348%
537	21.134	21.128	21.142	VV	30820	251177	1.22%	0.189%
538	21.151	21.142	21.156	VV	30622	250805	1.22%	0.189%
539	21.160	21.156	21.173	VV	28950	285967	1.39%	0.215%
540	21.177	21.173	21.183	VV	28639	170523	0.83%	0.128%
541	21.189	21.183	21.199	VV	28701	259733	1.26%	0.196%
542	21.206	21.199	21.214	VV	29491	250516	1.22%	0.189%
543	21.218	21.214	21.223	VV	27016	144691	0.70%	0.109%
544	21.268	21.223	21.291	VV	31977	1165741	5.67%	0.878%
545	21.305	21.291	21.316	VV	25902	371069	1.80%	0.279%
546	21.324	21.316	21.350	VV	24654	491357	2.39%	0.370%
547	21.362	21.350	21.369	VV	24358	267200	1.30%	0.201%
548	21.375	21.369	21.385	VV	24704	217148	1.06%	0.163%
549	21.389	21.385	21.396	VV	23039	153830	0.75%	0.116%
550	21.406	21.396	21.414	VV	24119	238400	1.16%	0.179%
551	21.429	21.414	21.462	VV	24493	648132	3.15%	0.488%
552	21.474	21.462	21.482	VV	22426	260692	1.27%	0.196%
553	21.491	21.482	21.496	VV	22959	184150	0.90%	0.139%
554	21.501	21.496	21.508	VV	22652	149700	0.73%	0.113%
555	21.520	21.508	21.551	VV	22597	524766	2.55%	0.395%
556	21.555	21.551	21.560	VV	20358	109261	0.53%	0.082%
557	21.577	21.560	21.582	VV	19920	254085	1.24%	0.191%
558	21.589	21.582	21.594	VV	19217	126505	0.62%	0.095%
559	21.597	21.594	21.603	VV	18842	99125	0.48%	0.075%
560	21.609	21.603	21.622	VV	19406	204970	1.00%	0.154%
561	21.627	21.622	21.632	VV	18572	114494	0.56%	0.086%

						rters		
562	21.638	21.632	21.648	VV	17909	168875	0.82%	0.127%
563	21.655	21.648	21.660	VV	17068	115206	0.56%	0.087%
564	21.663	21.660	21.668	VV	16926	81034	0.39%	0.061%
565	21.674	21.668	21.685	VV	18424	176352	0.86%	0.133%
566	21.688	21.685	21.693	VV	17256	82660	0.40%	0.062%
567	21.703	21.693	21.709	VV	19810	187828	0.91%	0.141%
568	21.716	21.709	21.743	VV	19624	349787	1.70%	0.263%
569	21.754	21.743	21.789	VV	16459	389780	1.90%	0.293%
570	21.809	21.789	21.833	VV	15304	367966	1.79%	0.277%
571	21.843	21.833	21.851	VV	14226	140949	0.69%	0.106%
572	21.855	21.851	21.865	VV	13689	102191	0.50%	0.077%
573	21.868	21.865	21.876	VV	13060	83400	0.41%	0.063%
574	21.884	21.876	21.893	VV	14082	130124	0.63%	0.098%
575	21.898	21.893	21.907	VV	12033	93178	0.45%	0.070%
576	21.919	21.907	21.941	VV	12743	243085	1.18%	0.183%
577	21.946	21.941	21.959	VV	12384	123007	0.60%	0.093%
578	21.964	21.959	21.971	VV	11731	81149	0.39%	0.061%
579	21.988	21.971	22.009	VV	12425	242663	1.18%	0.183%
580	22.019	22.009	22.025	VV	11042	95796	0.47%	0.072%
581	22.035	22.025	22.050	VV	10021	139034	0.68%	0.105%
582	22.065	22.050	22.084	VV	9933	178946	0.87%	0.135%
583	22.099	22.084	22.112	VV	9100	140711	0.68%	0.106%
584	22.136	22.112	22.146	VV	9406	160275	0.78%	0.121%
585	22.159	22.146	22.165	VV	7889	78876	0.38%	0.059%
586	22.211	22.165	22.244	VV	15687	514191	2.50%	0.387%
587	22.250	22.244	22.262	VV	7372	65461	0.32%	0.049%
588	22.267	22.262	22.278	VV	5939	51701	0.25%	0.039%
589	22.303	22.278	22.315	VV	6025	110827	0.54%	0.083%
590	22.319	22.315	22.340	VV	4701	58698	0.29%	0.044%
591	22.346	22.340	22.363	VV	4469	49355	0.24%	0.037%
592	22.370	22.363	22.376	VV	4329	30240	0.15%	0.023%
593	22.383	22.376	22.388	VV	4731	27810	0.14%	0.021%
594	22.392	22.388	22.398	VV	3660	17818	0.09%	0.013%
595	22.404	22.398	22.410	VV	3299	19419	0.09%	0.015%
596	22.414	22.410	22.441	VV	2712	20954	0.10%	0.016%
597	22.445	22.441	22.451	VV	713	2471	0.01%	0.002%
598	22.457	22.451	22.483	PV	1740	21984	0.11%	0.017%
599	22.488	22.483	22.501	VBA	1734	49744	0.24%	0.037%
Sum of corrected areas:						132842052		

FG010824.M Sat Jan 27 00:58:45 2024